

MIO-FESTLEGUNG: IMPFPASS

FESTLEGUNG GEMÄSS § 355 ABSATZ 1 SGB V

Gemäß § 355 Abs. 1 SGB V trifft die KBV die notwendigen Festlegungen für die Inhalte der elektronischen Patientenakte nach § 341 SGB V, um deren semantische und syntaktische Interoperabilität zu gewährleisten. Die Festlegung erfolgt in einem strukturierten Prozess gemäß der Verfahrensordnung im Benehmen mit Organisationen des Gesundheitswesens.

Der Vorstand der KBV trifft folgende Festlegung:

ARTIKEL 1 - ÜBERGREIFENDE FESTLEGUNGEN ZU FHIR®

Übergreifend für alle FHIR®-Ressourcen gelten die nachfolgenden Festlegungen:

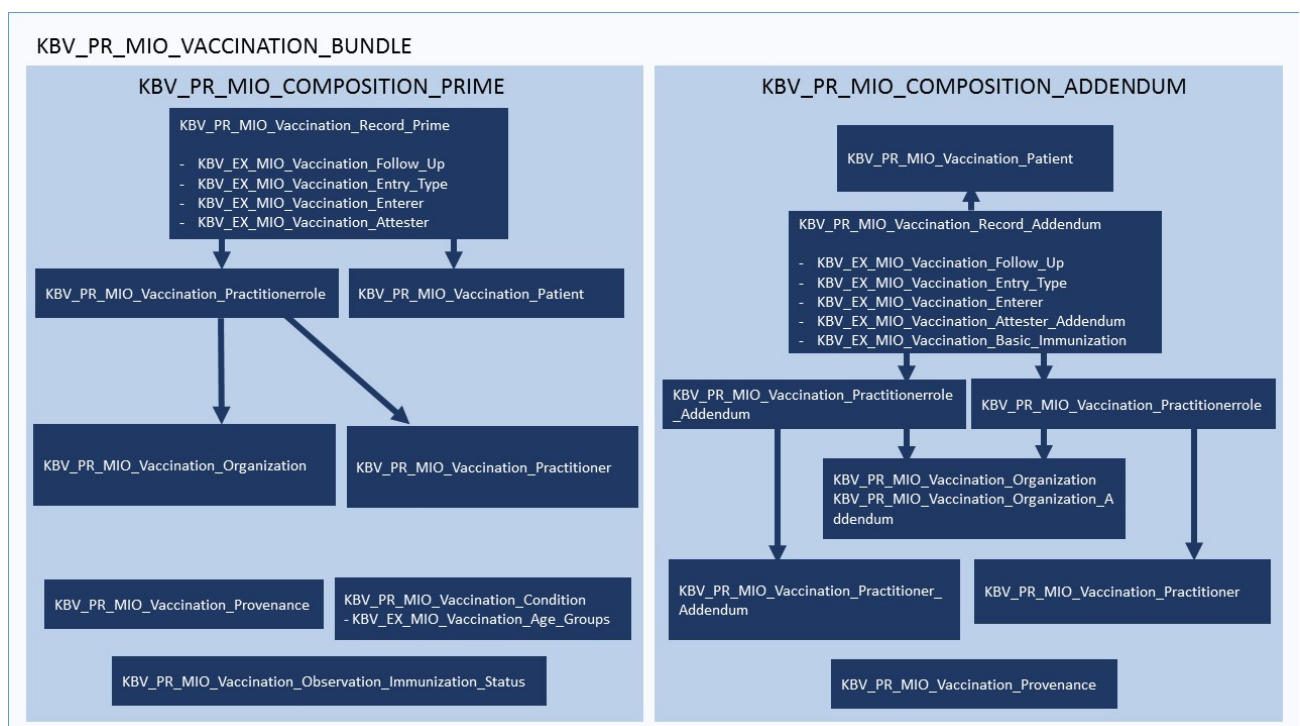
- In der ePA zu speichernde FHIR®-Ressourcen
- Format der FHIR®-Ressourcen
- Must-Support

1. FESTLEGUNG DER IN DER EPA ZU SPEICHERNDEN FHIR®-RESSOURCEN

Das Bundle (KBV_PR_MIO_Vaccination_Bundle_Entry) ist die einzige Ressource, welche in der elektronischen Patientenakte (ePA) als medizinisches Informationsobjekt Impfpass gespeichert werden darf. Für diese an die ePA zu übertragende FHIR®-Ressource muss für die Umsetzung des Anwendungsszenarios Daten eintragen eine Composition gemäß Profil *Composition_Prime* enthalten sein. Für diese an die ePA zu übertragende FHIR®-Ressource muss für die Umsetzung des Anwendungsszenarios Daten nach- oder übertragen eine Composition gemäß Profil *Composition_Addendum* enthalten sein.

Die Compositions *KBV_PR_MIO_Vaccination_Composition_Prime* und *KBV_PR_MIO_Vaccination_Composition_Addendum* geben die Struktur des Dokumentes vor. Die Inhalte bestehen aus Verweisen auf andere Ressourcen. Da ein Dokument im juristischen Sinne vollständig und unveränderlich sein muss, wird die Composition mit allen referenzierten Ressourcen zu einem Bundle zusammengefasst (*KBV_PR_MIO_Vaccination_Bundle_Entry*).

Dieses festgelegte Zusammenspiel der Bundle, Composition und anderen FHIR®-Profilen stellen die nachfolgenden Abbildungen grafisch dar.



2. FESTLEGUNG DES FORMATS DER FHIR®-RESSOURCEN

Die in der elektronischen Patientenakte (ePA) zu speichernden FHIR®-Ressourcen weisen ein XML-Format gemäß FHIR®-Spezifikation R4 auf.

3. FESTLEGUNG ZUR NUTZUNG VON MUST-SUPPORT

Als Must-Support deklarierte Elemente müssen durch jedes System, welches diese Spezifikation implementiert, unterstützt werden. Das bedeutet, dass das jeweilige System diese interpretieren und verarbeiten können muss. Die Deklaration als Must-Support wird, wie in der Beispielabbildung dargestellt, durch eine rotes S gekennzeichnet.

Beispielabbildung

ARTIKEL 2 - FESTLEGUNG DER FHIR®-RESSOURCEN

1. KBV_PR_MIO_VACCINATION_RECORD_PRIME

KBV_PR_MIO_Vaccination_Record_Prime	
1	<StructureDefinition xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/StructureDefinition/ KBV_PR_MIO_Vaccination_Record_Prime" />
3	<version value="1.1.0" />
4	<name value="KBV_PR_MIO_Vaccination_Record_Prime" />
5	<status value="active" />
6	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7	<copyright value="Im folgenden Profil können Codes aus den Codesystemen Snomed, Loinc oder Ucum enthalten sein, die dem folgenden Urheberrecht unterliegen: This material includes SNOMED Clinical Terms® (SNOMED CT®) which is used by permission of SNOMED International. All rights reserved. SNOMED CT®, was originally created by The College of American Pathologists. SNOMED and SNOMED CT are registered trademarks of SNOMED International. Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license. This material contains content from LOINC (http:// loinc.org). LOINC is copyright © 1995-2020, Regenstrief Institute, Inc. and the Logical Observation Identifiers Names and Codes (LOINC) Committee and is available at no cost under the license at http://loinc.org/license. LOINC® is a registered United States trademark of Regenstrief Institute, Inc. This product includes all or a portion of the UCUM table, UCUM codes, and UCUM definitions or is derived from it, subject to a license from Regenstrief Institute, Inc. and The UCUM Organization. Your use of the UCUM table, UCUM codes, UCUM definitions also is subject to this license, a copy of which is available at http://unitsofmeasure.org. The current complete UCUM table, UCUM Specification are available for download at http:// unitsofmeasure.org. The UCUM table and UCUM codes are copyright © 1995-2009, Regenstrief Institute, Inc. and the Unified Codes for Units of Measures (UCUM) Organization. All rights reserved. THE UCUM TABLE (IN ALL FORMATS), UCUM DEFINITIONS, AND SPECIFICATION ARE PROVIDED "AS IS." ANY EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE." />
8	<fhirVersion value="4.0.1" />
9	<kind value="resource" />
10	<abstract value="false" />
11	<type value="Immunization" />
12	<baseDefinition value="http://hl7.org/fhir/StructureDefinition/ Immunization" />
13	<derivation value="constraint" />
14	<differential>
15	<element id="Immunization">
16	<path value="Immunization" />
17	<short value="Record_Prime" />
18	<definition value="In diesem Profil werden die grundlegenden Inhalte zum Impfeintrag, also einer Impfzeile definiert. Diese besteht unter Anderem aus dem Impfstoff, dem Impfdatum u.s.w.\n\nWeiterhin ist dieses Profil mit dem Szenario Daten eintragen verknüpft und hat daher mehr Zwänge als das Profil KBV_PR_MIO_Vaccination_Record_Addendum." />
19	<constraint>
20	<key value="Occurrence" />
21	<severity value="error" />

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22     <human value="Das Impfdatum muss mindestens aus TT.MM.JJJJ" />
23     <expression value="occurrenceDateTime.toString().length()>=10" />
24     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Record_Prime" />
25   </constraint>
26   <constraint>
27     <key value="atc1" />
28     <severity value="error" />
29     <human value="Nur bei Angabe des Snomed Codes 787859002 Sonstiger
Impfstoff (hier nicht gelistet) muss kein ATC-Code angeben werden." />
30     <expression value="vaccineCode.coding.where(system='http://
snomed.info/sct' and code!='787859002').exists() implies
vaccineCode.coding.where(system='http://fhir.de/CodeSystem/dimdi/
atc').exists()" />
31     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Record_Prime" />
32   </constraint>
33 </element>
34 <element id="Immunization.meta">
35   <path value="Immunization.meta" />
36   <min value="1" />
37 </element>
38 <element id="Immunization.meta.versionId">
39   <path value="Immunization.meta.versionId" />
40   <max value="0" />
41 </element>
42 <element id="Immunization.meta.lastUpdated">
43   <path value="Immunization.meta.lastUpdated" />
44   <max value="0" />
45 </element>
46 <element id="Immunization.meta.source">
47   <path value="Immunization.meta.source" />
48   <max value="0" />
49 </element>
50 <element id="Immunization.meta.profile">
51   <path value="Immunization.meta.profile" />
52   <min value="1" />
53   <max value="1" />
54   <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Record_Prime|1.1.0" />
55 </element>
56 <element id="Immunization.meta.security">
57   <path value="Immunization.meta.security" />
58   <max value="0" />
59 </element>
60 <element id="Immunization.meta.tag">
61   <path value="Immunization.meta.tag" />
62   <max value="0" />
63 </element>
64 <element id="Immunization.implicitRules">
65   <path value="Immunization.implicitRules" />
66   <max value="0" />
67 </element>
68 <element id="Immunization.language">
69   <path value="Immunization.language" />
70   <max value="0" />
71 </element>
72 <element id="Immunization.text">
73   <path value="Immunization.text" />
74 </element>

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75 <element id="Immunization.text.status">
76   <path value="Immunization.text.status" />
77   <fixedCode value="extensions" />
78 </element>
79 <element id="Immunization.contained">
80   <path value="Immunization.contained" />
81   <max value="0" />
82 </element>
83 <element id="Immunization.extension">
84   <path value="Immunization.extension" />
85   <slicing>
86     <discriminator>
87       <type value="value" />
88       <path value="url" />
89     </discriminator>
90     <rules value="open" />
91   </slicing>
92 </element>
93 <element id="Immunization.extension:typ_des_Eintrages">
94   <path value="Immunization.extension" />
95   <sliceName value="typ_des_Eintrages" />
96   <min value="1" />
97   <max value="1" />
98   <type>
99     <code value="Extension" />
100    <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Entry_Type|1.1.0" />
101  </type>
102  <mustSupport value="true" />
103 </element>
104 <element id="Immunization.extension:verantwortliche_Person">
105   <path value="Immunization.extension" />
106   <sliceName value="verantwortliche_Person" />
107   <short value="Verantwortliche Person" />
108   <min value="1" />
109   <max value="1" />
110   <type>
111     <code value="Extension" />
112     <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Attester|1.1.0" />
113   </type>
114   <mustSupport value="true" />
115 </element>
116 <element id="Immunization.extension:eintragende_Person">
117   <path value="Immunization.extension" />
118   <sliceName value="eintragende_Person" />
119   <max value="1" />
120   <type>
121     <code value="Extension" />
122     <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Enterer|1.1.0" />
123   </type>
124   <mustSupport value="true" />
125 </element>
126 <element id="Immunization.identififier">
127   <path value="Immunization.identififier" />
128   <max value="0" />
129 </element>
130 <element id="Immunization.status">
131   <path value="Immunization.status" />

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132     <fixedCode value="completed" />
133 </element>
134 <element id="Immunization.statusReason">
135     <path value="Immunization.statusReason" />
136     <max value="0" />
137 </element>
138 <element id="Immunization.vaccineCode">
139     <path value="Immunization.vaccineCode" />
140     <short value="Impfstoff" />
141     <definition value="Dieses Element beschreibt den verabreichten
Impfstoff." />
142     <mustSupport value="true" />
143 </element>
144 <element id="Immunization.vaccineCode.coding">
145     <path value="Immunization.vaccineCode.coding" />
146     < slicing>
147         <discriminator>
148             <type value="value" />
149             <path value="system" />
150         </discriminator>
151         <rules value="closed" />
152     </slicing>
153     <min value="1" />
154 </element>
155 <element id="Immunization.vaccineCode.coding:snomed_CT">
156     <path value="Immunization.vaccineCode.coding" />
157     <sliceName value="snomed_CT" />
158     <short value="Snomed CT" />
159     <definition value="Dieses Element beschreibt den Impfstoff als SNOMED
CT® Product Code." />
160     <min value="1" />
161     <max value="1" />
162     <mustSupport value="true" />
163     <binding>
164         <strength value="required" />
165         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine|1.1.0" />
166     </binding>
167 </element>
168 <element id="Immunization.vaccineCode.coding:snomed_CT.system">
169     <path value="Immunization.vaccineCode.coding.system" />
170     <min value="1" />
171     <fixedUri value="http://snomed.info/sct" />
172     <mustSupport value="true" />
173 </element>
174 <element id="Immunization.vaccineCode.coding:snomed_CT.version">
175     <path value="Immunization.vaccineCode.coding.version" />
176     <min value="1" />
177     <mustSupport value="true" />
178 </element>
179 <element id="Immunization.vaccineCode.coding:snomed_CT.code">
180     <path value="Immunization.vaccineCode.coding.code" />
181     <min value="1" />
182 </element>
183 <element id="Immunization.vaccineCode.coding:snomed_CT.display">
184     <path value="Immunization.vaccineCode.coding.display" />
185     <min value="1" />
186 </element>
187 <element id="Immunization.vaccineCode.coding:snomed_CT.display.extensio
n">

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188     <path value="Immunization.vaccineCode.coding.display.extension" />
189     <slicing>
190       <discriminator>
191         <type value="value" />
192         <path value="url" />
193       </discriminator>
194       <rules value="open" />
195     </slicing>
196   </element>
197   <element id="Immunization.vaccineCode.coding:snomed_CT.display.extension:
anzeigenameCodeSnomed">
198     <path value="Immunization.vaccineCode.coding.display.extension" />
199     <sliceName value="anzeigenameCodeSnomed" />
200     <min value="1" />
201     <max value="1" />
202     <type>
203       <code value="Extension" />
204       <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German" />
205     </type>
206   </element>
207   <element id="Immunization.vaccineCode.coding:snomed_CT.userSelected">
208     <path value="Immunization.vaccineCode.coding.userSelected" />
209     <max value="0" />
210   </element>
211   <element id="Immunization.vaccineCode.coding:atc">
212     <path value="Immunization.vaccineCode.coding" />
213     <sliceName value="atc" />
214     <short value="ATC" />
215     <definition value="Bezeichnung des Impfstoffs oder des
Kombinationsimpfstoffes als Anatomisch-Therapeutisch-Chemische
Klassifikation samt ATC-Code des Impfstoffs oder Kombinationsimpfstoffes.
Grundlage ist die amtliche Fassung des ATC-Index für Deutschland (DIMDI).
Es sind alle ATC-Codes aus der amtlichen Fassung des ATC-Index gelistet,
unabhängig von deren Marktverfügbarkeit." />
216     <max value="1" />
217     <mustSupport value="true" />
218     <binding>
219       <strength value="required" />
220       <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_ATC|1.1.0" />
221     </binding>
222   </element>
223   <element id="Immunization.vaccineCode.coding:atc.system">
224     <path value="Immunization.vaccineCode.coding.system" />
225     <min value="1" />
226     <fixedUri value="http://fhir.de/CodeSystem/dimdi/atc" />
227   </element>
228   <element id="Immunization.vaccineCode.coding:atc.version">
229     <path value="Immunization.vaccineCode.coding.version" />
230     <min value="1" />
231   </element>
232   <element id="Immunization.vaccineCode.coding:atc.code">
233     <path value="Immunization.vaccineCode.coding.code" />
234     <min value="1" />
235   </element>
236   <element id="Immunization.vaccineCode.coding:atc.display">
237     <path value="Immunization.vaccineCode.coding.display" />
238     <min value="1" />
239   </element>

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240     <element id="Immunization.vaccineCode.coding:atc.userSelected">
241       <path value="Immunization.vaccineCode.coding.userSelected" />
242       <max value="0" />
243     </element>
244     <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn">
245       <path value="Immunization.vaccineCode.coding" />
246       <sliceName value="pharmazentralnummer_pzn" />
247       <definition value="8-stellige Pharmazentralnummer (PZN) des
Fertigarzneimittels (Impfstoffs). Die PZN definiert ein Fertigarzneimittel
eindeutig." />
248       <max value="1" />
249       <mustSupport value="true" />
250     </element>
251     <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn.sy
stem">
252       <path value="Immunization.vaccineCode.coding.system" />
253       <min value="1" />
254       <fixedUri value="http://fhir.de/CodeSystem/ifa/pzn" />
255     </element>
256     <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn.co
de">
257       <path value="Immunization.vaccineCode.coding.code" />
258       <min value="1" />
259     </element>
260     <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn.di
splay">
261       <path value="Immunization.vaccineCode.coding.display" />
262       <min value="1" />
263     </element>
264     <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn.us
erSelected">
265       <path value="Immunization.vaccineCode.coding.userSelected" />
266       <max value="0" />
267     </element>
268     <element id="Immunization.vaccineCode.text">
269       <path value="Immunization.vaccineCode.text" />
270       <short value="Handelsname" />
271       <definition value="Bezeichnung des Handelsnamens des verabreichten
Impfstoffs." />
272       <min value="1" />
273       <mustSupport value="true" />
274     </element>
275     <element id="Immunization.patient">
276       <path value="Immunization.patient" />
277       <type>
278         <code value="Reference" />
279         <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient|1.1.0" />
280       </type>
281       <mustSupport value="true" />
282     </element>
283     <element id="Immunization.patient.reference">
284       <path value="Immunization.patient.reference" />
285       <min value="1" />
286       <mustSupport value="true" />
287     </element>
288     <element id="Immunization.patient.type">
289       <path value="Immunization.patient.type" />
290       <max value="0" />
291     </element>

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292 <element id="Immunization.patient.identifier">
293   <path value="Immunization.patient.identifier" />
294   <max value="0" />
295 </element>
296 <element id="Immunization.patient.display">
297   <path value="Immunization.patient.display" />
298   <max value="0" />
299 </element>
300 <element id="Immunization.encounter">
301   <path value="Immunization.encounter" />
302   <max value="0" />
303 </element>
304 <element id="Immunization.occurrence[x]">
305   <path value="Immunization.occurrence[x]" />
306   <licing>
307     <discriminator>
308       <type value="type" />
309       <path value="$this" />
310     </discriminator>
311     <rules value="open" />
312   </licing>
313   <mustSupport value="true" />
314 </element>
315 <element id="Immunization.occurrence[x]:occurrenceDateTime">
316   <path value="Immunization.occurrence[x]" />
317   <sliceName value="occurrenceDateTime" />
318   <short value="Datum der Schutzimpfung" />
319   <definition value="Im Anwendungsszenario "Daten eintragen" entspricht
es dem Datum, an dem die Impfung durchgeführt wurde.\n\nIm
Anwendungsszenario "Daten nach- oder übertragen" entspricht es dem Datum
oder einer größeren Angabe der Zeit bzw. des Zeitraums einer
zurückliegenden Impfung, die im Impfpass nachgetragen wird. Wird eine
abgeschlossene Grundimmunisierung übertragen, so sollte das Datum der Gabe
der letzten Dosis dokumentiert werden." />
320   <min value="1" />
321   <type>
322     <code value="dateTime" />
323   </type>
324   <mustSupport value="true" />
325 </element>
326 <element id="Immunization.recorded">
327   <path value="Immunization.recorded" />
328   <max value="0" />
329 </element>
330 <element id="Immunization.primarySource">
331   <path value="Immunization.primarySource" />
332   <min value="1" />
333   <fixedBoolean value="true" />
334 </element>
335 <element id="Immunization.reportOrigin">
336   <path value="Immunization.reportOrigin" />
337   <max value="0" />
338 </element>
339 <element id="Immunization.location">
340   <path value="Immunization.location" />
341   <max value="0" />
342 </element>
343 <element id="Immunization.manufacturer">
344   <path value="Immunization.manufacturer" />
345   <short value="Hersteller" />

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346     <definition value="Name des herstellenden bzw. des anbietenden
Unternehmens. Dies bietet eine Zusatzinformation zum Fertigarzneimittel." /
>
347     <mustSupport value="true" />
348 </element>
349 <element id="Immunization.manufacturer.reference">
350   <path value="Immunization.manufacturer.reference" />
351   <max value="0" />
352 </element>
353 <element id="Immunization.manufacturer.type">
354   <path value="Immunization.manufacturer.type" />
355   <max value="0" />
356 </element>
357 <element id="Immunization.manufacturer.identifrier">
358   <path value="Immunization.manufacturer.identifrier" />
359   <max value="0" />
360 </element>
361 <element id="Immunization.manufacturer.display">
362   <path value="Immunization.manufacturer.display" />
363   <min value="1" />
364   <mustSupport value="true" />
365 </element>
366 <element id="Immunization.lotNumber">
367   <path value="Immunization.lotNumber" />
368   <short value="Chargenbezeichnung" />
369   <definition value="Chargenbezeichnung des verabreichten
Impfstoffs." />
370   <min value="1" />
371   <maxLength value="20" />
372   <mustSupport value="true" />
373 </element>
374 <element id="Immunization.expirationDate">
375   <path value="Immunization.expirationDate" />
376   <max value="0" />
377 </element>
378 <element id="Immunization.site">
379   <path value="Immunization.site" />
380   <max value="0" />
381 </element>
382 <element id="Immunization.route">
383   <path value="Immunization.route" />
384   <max value="0" />
385 </element>
386 <element id="Immunization.doseQuantity">
387   <path value="Immunization.doseQuantity" />
388   <max value="0" />
389 </element>
390 <element id="Immunization.performer">
391   <path value="Immunization.performer" />
392   <max value="0" />
393 </element>
394 <element id="Immunization.note">
395   <path value="Immunization.note" />
396   <slicing>
397     <discriminator>
398       <type value="value" />
399       <path value="text" />
400     </discriminator>
401     <ordered value="true" />
402     <rules value="openAtEnd" />

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403     </slicing>
404     <short value="Notes" />
405     <definition value="In diesem Element wird der Hinweis und die
Anmerkungen zur durchgeführten Impfung eingetragen werden." />
406     <min value="1" />
407     <max value="2" />
408     <mustSupport value="true" />
409 </element>
410 <element id="Immunization.note.author[x]">
411     <path value="Immunization.note.author[x]" />
412     <max value="0" />
413 </element>
414 <element id="Immunization.note.time">
415     <path value="Immunization.note.time" />
416     <max value="0" />
417 </element>
418 <element id="Immunization.note:hinweis">
419     <path value="Immunization.note" />
420     <sliceName value="hinweis" />
421     <min value="1" />
422     <max value="1" />
423 </element>
424 <element id="Immunization.note:hinweis.author[x]">
425     <path value="Immunization.note.author[x]" />
426     <max value="0" />
427 </element>
428 <element id="Immunization.note:hinweis.time">
429     <path value="Immunization.note.time" />
430     <max value="0" />
431 </element>
432 <element id="Immunization.note:hinweis.text">
433     <path value="Immunization.note.text" />
434     <fixedMarkdown value="Bei einer ungewöhnlichen Impfreaktion sollte
die impfende ärztliche Person benachrichtigt werden. Die ärztlich tätige
Person hat, wenn der Verdacht einer gesundheitlichen Schädigung besteht,
die über das übliche Ausmaß einer Impfreaktion hinaus geht verpflichtet,
den Verdacht dem zuständigen Gesundheitsamt namentlich zu melden (§ 6
Absatz 1 Nr 3 des Infektionsschutzgesetzes • IfSG) Im Falle eines
Impfschadens besteht unter den Voraussetzungen des § 60 Absatz 1 IfSG ein
Anspruch auf Entschädigung in entsprechender Anwendung der Vorschriften des
Bundesversorgungsgesetzes. Der Antrag ist bei der für die Durchführung des
Bundesversorgungsgesetzes zuständigen Behörde (§ 64 Absatz 1 IfSG, i.d.R.
'Versorgungsamt') zu stellen. Weitere Auskünfte erteilt das zuständige
Gesundheitsamt." />
435 </element>
436 <element id="Immunization.reasonCode">
437     <path value="Immunization.reasonCode" />
438     <max value="0" />
439 </element>
440 <element id="Immunization.reasonReference">
441     <path value="Immunization.reasonReference" />
442     <max value="0" />
443 </element>
444 <element id="Immunization.isSubpotent">
445     <path value="Immunization.isSubpotent" />
446     <max value="0" />
447 </element>
448 <element id="Immunization.subpotentReason">
449     <path value="Immunization.subpotentReason" />
450     <max value="0" />

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451 </element>
452 <element id="Immunization.education">
453   <path value="Immunization.education" />
454   <max value="0" />
455 </element>
456 <element id="Immunization.programEligibility">
457   <path value="Immunization.programEligibility" />
458   <max value="0" />
459 </element>
460 <element id="Immunization.fundingSource">
461   <path value="Immunization.fundingSource" />
462   <max value="0" />
463 </element>
464 <element id="Immunization.reaction">
465   <path value="Immunization.reaction" />
466   <max value="0" />
467 </element>
468 <element id="Immunization.protocolApplied">
469   <path value="Immunization.protocolApplied" />
470   <min value="1" />
471   <max value="1" />
472   <mustSupport value="true" />
473 </element>
474 <element id="Immunization.protocolApplied.extension">
475   <path value="Immunization.protocolApplied.extension" />
476   <licing>
477     <discriminator>
478       <type value="value" />
479       <path value="url" />
480     </discriminator>
481     <rules value="open" />
482   </licing>
483 </element>
484 <element id="Immunization.protocolApplied.extension:datum_der_Folgeimpf
ung">
485   <path value="Immunization.protocolApplied.extension" />
486   <sliceName value="datum_der_Folgeimpfung" />
487   <type>
488     <code value="Extension" />
489     <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Follow_Up|1.1.0" />
490   </type>
491   <mustSupport value="true" />
492 </element>
493 <element id="Immunization.protocolApplied.series">
494   <path value="Immunization.protocolApplied.series" />
495   <max value="0" />
496 </element>
497 <element id="Immunization.protocolApplied.authority">
498   <path value="Immunization.protocolApplied.authority" />
499   <max value="0" />
500 </element>
501 <element id="Immunization.protocolApplied.targetDisease">
502   <path value="Immunization.protocolApplied.targetDisease" />
503   <short value="Erkrankung gegen die geimpft wird" />
504   <definition value="Dieses Element beschreibt den Namen der Krankheit,
gegen die geimpft wird. Es handelt sich um ein mehrfach auswählbares
Element, da ein Impfstoff mehrere einzelne Wirkstoffe enthalten kann und
somit mehrere Erkrankungen, gegen die geimpft wird, adressiert werden
können." />

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505     <min value="1" />
506     <mustSupport value="true" />
507     <binding>
508         <strength value="required" />
509         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_TargetDisease|1.1.0" />
510     </binding>
511 </element>
512 <element id="Immunization.protocolApplied.targetDisease.coding">
513     <path value="Immunization.protocolApplied.targetDisease.coding" />
514     <min value="1" />
515     <max value="1" />
516     <mustSupport value="true" />
517 </element>
518 <element id="Immunization.protocolApplied.targetDisease.coding.system">
519     <path value="Immunization.protocolApplied.targetDisease.coding.system
" />
520     <min value="1" />
521 </element>
522 <element id="Immunization.protocolApplied.targetDisease.coding.version">
523     <path value="Immunization.protocolApplied.targetDisease.coding.versio
n" />
524     <min value="1" />
525 </element>
526 <element id="Immunization.protocolApplied.targetDisease.coding.code">
527     <path value="Immunization.protocolApplied.targetDisease.coding.code"
/>
528     <min value="1" />
529 </element>
530 <element id="Immunization.protocolApplied.targetDisease.coding.display">
531     <path value="Immunization.protocolApplied.targetDisease.coding.displa
y" />
532     <min value="1" />
533 </element>
534 <element id="Immunization.protocolApplied.targetDisease.coding.display.
extension">
535     <path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension" />
536     < slicing>
537         < discriminator>
538             < type value="value" />
539             < path value="url" />
540         </ discriminator>
541         < rules value="open" />
542     </ slicing>
543 </ element>
544 < element id="Immunization.protocolApplied.targetDisease.coding.display.
extension:anzeigenameCodeSnomed">
545     < path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension" />
546     < sliceName value="anzeigenameCodeSnomed" />
547     < min value="1" />
548     < max value="1" />
549     < type>
550         < code value="Extension" />
551         < profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German" />
552     </ type>
553 </ element>

```

```

554     <element id="Immunization.protocolApplied.targetDisease.coding.display.
extension:anzeigenameCodeSnomed.extension">
555     <path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension.extension" />
556     <licing>
557     <discriminator>
558     <type value="value" />
559     <path value="url" />
560     </discriminator>
561     <rules value="open" />
562     </licing>
563 </element>
564     <element id="Immunization.protocolApplied.targetDisease.coding.display.
extension:anzeigenameCodeSnomed.extension:content">
565     <path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension.extension" />
566     <sliceName value="content" />
567 </element>
568     <element id="Immunization.protocolApplied.targetDisease.coding.display.
extension:anzeigenameCodeSnomed.extension:content.value[x]:valueString">
569     <path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension.extension.value[x]" />
570     <sliceName value="valueString" />
571     <definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Snomed-Codes aus der Conceptmap eingetragen
werden, also in diesem Fall den Displaynamen des Targetsystems aus https://
fhir.kbv.de/ConceptMap/KBV\_CM\_MIO\_Vaccination\_Vaccine\_Targetdisease" />
572 </element>
573     <element id="Immunization.protocolApplied.targetDisease.text">
574     <path value="Immunization.protocolApplied.targetDisease.text" />
575     <max value="0" />
576 </element>
577     <element id="Immunization.protocolApplied.doseNumber[x]">
578     <path value="Immunization.protocolApplied.doseNumber[x]" />
579     <licing>
580     <discriminator>
581     <type value="type" />
582     <path value="$this" />
583     </discriminator>
584     <rules value="open" />
585     </licing>
586 </element>
587     <element id="Immunization.protocolApplied.doseNumber[x]:doseNumberStrin
g">
588     <path value="Immunization.protocolApplied.doseNumber[x]" />
589     <sliceName value="doseNumberString" />
590     <min value="1" />
591     <type>
592     <code value="string" />
593 </type>
594 </element>
595     <element id="Immunization.protocolApplied.doseNumber[x]:doseNumberStrin
g.extension">
596     <path value="Immunization.protocolApplied.doseNumber[x].extension" />
597     <licing>
598     <discriminator>
599     <type value="value" />
600     <path value="url" />
601     </discriminator>
602     <rules value="open" />

```

```

603     </slicing>
604 </element>
605 <element id="Immunization.protocolApplied.doseNumber[x]:doseNumberStrin
g.extension:data-absent-reason">
606   <path value="Immunization.protocolApplied.doseNumber[x].extension" />
607   <sliceName value="data-absent-reason" />
608   <min value="1" />
609   <type>
610     <code value="Extension" />
611     <profile value="http://hl7.org/fhir/StructureDefinition/data-
absent-reason" />
612   </type>
613 </element>
614 <element id="Immunization.protocolApplied.doseNumber[x]:doseNumberStrin
g.extension:data-absent-reason.value[x]">
615   <path value="Immunization.protocolApplied.doseNumber[x].extension.val
ue[x]" />
616   <slicing>
617     <discriminator>
618       <type value="type" />
619       <path value="$this" />
620     </discriminator>
621     <rules value="open" />
622   </slicing>
623 </element>
624 <element id="Immunization.protocolApplied.doseNumber[x]:doseNumberStrin
g.extension:data-absent-reason.value[x]:valueCode">
625   <path value="Immunization.protocolApplied.doseNumber[x].extension.val
ue[x]" />
626   <sliceName value="valueCode" />
627   <min value="1" />
628   <fixedCode value="unknown" />
629 </element>
630 <element id="Immunization.protocolApplied.seriesDoses[x]">
631   <path value="Immunization.protocolApplied.seriesDoses[x]" />
632   <max value="0" />
633 </element>
634 </differential>
635 </StructureDefinition>

```


2. KBV_PR_MIO_VACCINATION_RECORD_ADDENDUM

KBV_PR_MIO_Vaccination_Record_Addendum

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Record_Addendum" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Record_Addendum" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Hinweis: This material includes SNOMED Clinical Terms®
(SNOMED CT®) which is used by permission of SNOMED International. All
rights reserved. SNOMED CT®, was originally created by The College of
American Pathologists. SNOMED and SNOMED CT are registered trademarks of
SNOMED International. Implementers of these artefacts must have the
appropriate SNOMED CT Affiliate license." />
8   <fhirVersion value="4.0.1" />
9   <kind value="resource" />
10  <abstract value="false" />
11  <type value="Immunization" />
12  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Immunization" />
13  <derivation value="constraint" />
14  <differential>
15    <element id="Immunization">
16      <path value="Immunization" />
17      <short value="Record_Addendum" />
18      <definition value="In diesem Profil werden die grundlegenden Inhalte
zum Impfeintrag, also einer Impfzeile definiert. Diese besteht unter
Anderem aus dem Impfstoff, dem Impfdatum u.s.w.\n\nWeiterhin ist dieses
Profil mit dem Szenario Daten nach- oder übertragen verknüpft und hat daher
weniger Zwänge als das Profil Record_Prime." />
19    </element>
20    <element id="Immunization.meta">
21      <path value="Immunization.meta" />
22      <min value="1" />
23    </element>
24    <element id="Immunization.meta.versionId">
25      <path value="Immunization.meta.versionId" />
26      <max value="0" />
27    </element>
28    <element id="Immunization.meta.lastUpdated">
29      <path value="Immunization.meta.lastUpdated" />
30      <max value="0" />
31    </element>
32    <element id="Immunization.meta.source">
33      <path value="Immunization.meta.source" />
34      <max value="0" />
35    </element>
36    <element id="Immunization.meta.profile">
37      <path value="Immunization.meta.profile" />
38      <min value="1" />
39      <max value="1" />
40      <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Record_Addendum|1.1.0" />
41    </element>
42    <element id="Immunization.meta.security">
```

```

43     <path value="Immunization.meta.security" />
44     <max value="0" />
45 </element>
46 <element id="Immunization.meta.tag">
47     <path value="Immunization.meta.tag" />
48     <max value="0" />
49 </element>
50 <element id="Immunization.implicitRules">
51     <path value="Immunization.implicitRules" />
52     <max value="0" />
53 </element>
54 <element id="Immunization.language">
55     <path value="Immunization.language" />
56     <max value="0" />
57 </element>
58 <element id="Immunization.contained">
59     <path value="Immunization.contained" />
60     <max value="0" />
61 </element>
62 <element id="Immunization.extension">
63     <path value="Immunization.extension" />
64     <licing>
65         <discriminator>
66             <type value="value" />
67             <path value="url" />
68         </discriminator>
69         <rules value="open" />
70     </licing>
71 </element>
72 <element id="Immunization.extension:typ_des_Eintrages">
73     <path value="Immunization.extension" />
74     <sliceName value="typ_des_Eintrages" />
75     <max value="1" />
76     <type>
77         <code value="Extension" />
78         <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Entry_Type|1.1.0" />
79     </type>
80     <mustSupport value="true" />
81 </element>
82 <element id="Immunization.extension:verantwortliche_Person">
83     <path value="Immunization.extension" />
84     <sliceName value="verantwortliche_Person" />
85     <max value="1" />
86     <type>
87         <code value="Extension" />
88         <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Attester_Addendum|1.1.0" />
89     </type>
90     <mustSupport value="true" />
91 </element>
92 <element id="Immunization.extension:verantwortliche_Person.extension">
93     <path value="Immunization.extension.extension" />
94     <licing>
95         <discriminator>
96             <type value="value" />
97             <path value="url" />
98         </discriminator>
99         <rules value="open" />
100    </licing>

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```

101     </element>
102     <element id="Immunization.extension:verantwortliche_Person.extension:pa
rty">
103         <path value="Immunization.extension.extension" />
104         <sliceName value="party" />
105     </element>
106     <element id="Immunization.extension:verantwortliche_Person.extension:pa
rty.value[x]:valueReference">
107         <path value="Immunization.extension.extension.value[x]" />
108         <sliceName value="valueReference" />
109     </element>
110     <element id="Immunization.extension:verantwortliche_Person.extension:pa
rty.value[x]:valueReference">
111         <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
112             <valueCode value="normative" />
113         </extension>
114         <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
115             <valueCode value="4.0.0" />
116         </extension>
117         <path value="Immunization.extension.extension.value[x].reference" />
118     </element>
119     <element id="Immunization.extension:verantwortliche_Person.extension:pa
rty.value[x]:valueReference.type">
120         <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
121             <valueCode value="normative" />
122         </extension>
123         <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
124             <valueCode value="4.0.0" />
125         </extension>
126         <path value="Immunization.extension.extension.value[x].type" />
127     </element>
128     <element id="Immunization.extension:verantwortliche_Person.extension:pa
rty.value[x]:valueReference.display">
129         <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
130             <valueCode value="normative" />
131         </extension>
132         <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
133             <valueCode value="4.0.0" />
134         </extension>
135         <path value="Immunization.extension.extension.value[x].display" />
136     </element>
137     <element id="Immunization.extension:eintragende_Person">
138         <path value="Immunization.extension" />
139         <sliceName value="eintragende_Person" />
140         <min value="1" />
141         <max value="1" />
142         <type>
143             <code value="Extension" />
144             <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Enterer|1.1.0" />
145         </type>
146         <mustSupport value="true" />
147     </element>
148     <element id="Immunization.extension:eintragende_Person.extension">

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149     <path value="Immunization.extension.extension" />
150     <slicing>
151         <discriminator>
152             <type value="value" />
153             <path value="url" />
154         </discriminator>
155         <rules value="open" />
156     </slicing>
157 </element>
158 <element id="Immunization.extension:eintragende_Person.extension:party">
159     <path value="Immunization.extension.extension" />
160     <sliceName value="party" />
161 </element>
162 <element id="Immunization.extension:eintragende_Person.extension:party.
value[x]:valueReference">
163     <path value="Immunization.extension.extension.value[x]" />
164     <sliceName value="valueReference" />
165 </element>
166 <element id="Immunization.extension:eintragende_Person.extension:party.
value[x]:valueReference.reference">
167     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
168         <valueCode value="normative" />
169     </extension>
170     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
171         <valueCode value="4.0.0" />
172     </extension>
173     <path value="Immunization.extension.extension.value[x].reference" />
174 </element>
175 <element id="Immunization.extension:eintragende_Person.extension:party.
value[x]:valueReference.type">
176     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
177         <valueCode value="normative" />
178     </extension>
179     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
180         <valueCode value="4.0.0" />
181     </extension>
182     <path value="Immunization.extension.extension.value[x].type" />
183 </element>
184 <element id="Immunization.extension:eintragende_Person.extension:party.
value[x]:valueReference.display">
185     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
186         <valueCode value="normative" />
187     </extension>
188     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
189         <valueCode value="4.0.0" />
190     </extension>
191     <path value="Immunization.extension.extension.value[x].display" />
192 </element>
193 <element id="Immunization.identifier">
194     <path value="Immunization.identifier" />
195     <max value="0" />
196 </element>
197 <element id="Immunization.status">
198     <path value="Immunization.status" />

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199     <fixedCode value="completed" />
200 </element>
201 <element id="Immunization.statusReason">
202   <path value="Immunization.statusReason" />
203   <max value="0" />
204 </element>
205 <element id="Immunization.vaccineCode">
206   <path value="Immunization.vaccineCode" />
207   <short value="Impfstoff" />
208   <definition value="Dieses Element beschreibt den verabreichten
Impfstoff." />
209   <mustSupport value="true" />
210 </element>
211 <element id="Immunization.vaccineCode.extension">
212   <path value="Immunization.vaccineCode.extension" />
213   < slicing>
214     < discriminator>
215       < type value="value" />
216       < path value="url" />
217     </ discriminator>
218     < rules value="open" />
219   </ slicing>
220 </ element>
221 < element id="Immunization.vaccineCode.extension:data-absent-reason">
222   < path value="Immunization.vaccineCode.extension" />
223   < sliceName value="data-absent-reason" />
224   < type>
225     < code value="Extension" />
226     < profile value="http://hl7.org/fhir/StructureDefinition/data-
absent-reason" />
227   </ type>
228 </ element>
229 < element id="Immunization.vaccineCode.extension:data-absent-
reason.value[x]">
230   < path value="Immunization.vaccineCode.extension.value[x]" />
231   < slicing>
232     < discriminator>
233       < type value="type" />
234       < path value="$this" />
235     </ discriminator>
236     < rules value="open" />
237   </ slicing>
238 </ element>
239 < element id="Immunization.vaccineCode.extension:data-absent-
reason.value[x]:valueCode">
240   < path value="Immunization.vaccineCode.extension.value[x]" />
241   < sliceName value="valueCode" />
242   < fixedCode value="unknown" />
243 </ element>
244 < element id="Immunization.vaccineCode.coding">
245   < path value="Immunization.vaccineCode.coding" />
246   < slicing>
247     < discriminator>
248       < type value="value" />
249       < path value="system" />
250     </ discriminator>
251     < rules value="closed" />
252   </ slicing>
253 </ element>
254 < element id="Immunization.vaccineCode.coding:snomed_CT">

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```

255     <path value="Immunization.vaccineCode.coding" />
256     <sliceName value="snomed_CT" />
257     <short value="Snomed CT" />
258     <definition value="Dieses Element beschreibt den Impfstoff als SNOMED
CT® Product Code." />
259     <max value="1" />
260     <mustSupport value="true" />
261     <binding>
262         <strength value="required" />
263         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine|1.1.0" />
264     </binding>
265 </element>
266 <element id="Immunization.vaccineCode.coding:snomed_CT.system">
267     <path value="Immunization.vaccineCode.coding.system" />
268     <min value="1" />
269     <fixedUri value="http://snomed.info/sct" />
270 </element>
271 <element id="Immunization.vaccineCode.coding:snomed_CT.version">
272     <path value="Immunization.vaccineCode.coding.version" />
273     <min value="1" />
274 </element>
275 <element id="Immunization.vaccineCode.coding:snomed_CT.code">
276     <path value="Immunization.vaccineCode.coding.code" />
277     <min value="1" />
278 </element>
279 <element id="Immunization.vaccineCode.coding:snomed_CT.display">
280     <path value="Immunization.vaccineCode.coding.display" />
281     <min value="1" />
282 </element>
283 <element id="Immunization.vaccineCode.coding:snomed_CT.display.extension"
n">
284     <path value="Immunization.vaccineCode.coding.display.extension" />
285     <licing>
286         <discriminator>
287             <type value="value" />
288             <path value="url" />
289         </discriminator>
290         <rules value="open" />
291     </licing>
292 </element>
293 <element id="Immunization.vaccineCode.coding:snomed_CT.display.extension:
anzeigennameCodeSnomed">
294     <path value="Immunization.vaccineCode.coding.display.extension" />
295     <sliceName value="anzeigennameCodeSnomed" />
296     <min value="1" />
297     <max value="1" />
298     <type>
299         <code value="Extension" />
300         <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German" />
301     </type>
302 </element>
303 <element id="Immunization.vaccineCode.coding:snomed_CT.userSelected">
304     <path value="Immunization.vaccineCode.coding.userSelected" />
305     <max value="0" />
306 </element>
307 <element id="Immunization.vaccineCode.coding:atc">
308     <path value="Immunization.vaccineCode.coding" />
309     <sliceName value="atc" />

```

```

310     <short value="ATC" />
311     <definition value="Bezeichnung des Impfstoffs oder des
Kombinationsimpfstoffes als Anatomisch-Therapeutisch-Chemische
Klassifikation samt ATC-Code des Impfstoffs oder Kombinationsimpfstoffes.
Grundlage ist die amtliche Fassung des ATC-Index für Deutschland (DIMDI).
Es sind alle ATC-Codes aus der amtlichen Fassung des ATC-Index gelistet,
unabhängig von deren Marktverfügbarkeit." />
312     <max value="1" />
313     <mustSupport value="true" />
314     <binding>
315         <strength value="required" />
316         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_ATC|1.1.0" />
317     </binding>
318 </element>
319 <element id="Immunization.vaccineCode.coding:atc.system">
320     <path value="Immunization.vaccineCode.coding.system" />
321     <min value="1" />
322     <fixedUri value="http://fhir.de/CodeSystem/dimdi/atc" />
323 </element>
324 <element id="Immunization.vaccineCode.coding:atc.version">
325     <path value="Immunization.vaccineCode.coding.version" />
326     <min value="1" />
327 </element>
328 <element id="Immunization.vaccineCode.coding:atc.code">
329     <path value="Immunization.vaccineCode.coding.code" />
330     <min value="1" />
331 </element>
332 <element id="Immunization.vaccineCode.coding:atc.display">
333     <path value="Immunization.vaccineCode.coding.display" />
334     <min value="1" />
335 </element>
336 <element id="Immunization.vaccineCode.coding:atc.userSelected">
337     <path value="Immunization.vaccineCode.coding.userSelected" />
338     <max value="0" />
339 </element>
340 <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn">
341     <path value="Immunization.vaccineCode.coding" />
342     <sliceName value="pharmazentralnummer_pzn" />
343     <definition value="8-stellige Pharmazentralnummer (PZN) des
Fertigarzneimittels (Impfstoffs). Die PZN definiert ein Fertigarzneimittel
eindeutig." />
344     <max value="1" />
345     <mustSupport value="true" />
346 </element>
347 <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn.sy
stem">
348     <path value="Immunization.vaccineCode.coding.system" />
349     <min value="1" />
350     <fixedUri value="http://fhir.de/CodeSystem/ifa/pzn" />
351 </element>
352 <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn.co
de">
353     <path value="Immunization.vaccineCode.coding.code" />
354     <min value="1" />
355 </element>
356 <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn.di
splay">
357     <path value="Immunization.vaccineCode.coding.display" />
358     <min value="1" />

```

```

359     </element>
360     <element id="Immunization.vaccineCode.coding:pharmazentralnummer_pzn.us
erSelected">
361         <path value="Immunization.vaccineCode.coding.userSelected" />
362         <max value="0" />
363     </element>
364     <element id="Immunization.vaccineCode.text">
365         <path value="Immunization.vaccineCode.text" />
366         <short value="Handelsname" />
367         <definition value="Bezeichnung des Handelsnamens des verabreichten
Impfstoffs." />
368         <mustSupport value="true" />
369     </element>
370     <element id="Immunization.patient">
371         <path value="Immunization.patient" />
372         <type>
373             <code value="Reference" />
374             <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient|1.1.0" />
375         </type>
376         <mustSupport value="true" />
377     </element>
378     <element id="Immunization.patient.reference">
379         <path value="Immunization.patient.reference" />
380         <min value="1" />
381         <mustSupport value="true" />
382     </element>
383     <element id="Immunization.patient.type">
384         <path value="Immunization.patient.type" />
385         <max value="0" />
386     </element>
387     <element id="Immunization.patient.identifier">
388         <path value="Immunization.patient.identifier" />
389         <max value="0" />
390     </element>
391     <element id="Immunization.patient.display">
392         <path value="Immunization.patient.display" />
393         <max value="0" />
394     </element>
395     <element id="Immunization.encounter">
396         <path value="Immunization.encounter" />
397         <max value="0" />
398     </element>
399     <element id="Immunization.occurrence[x]">
400         <path value="Immunization.occurrence[x]" />
401         <slicing>
402             <discriminator>
403                 <type value="type" />
404                 <path value="$this" />
405             </discriminator>
406             <rules value="closed" />
407         </slicing>
408         <mustSupport value="true" />
409     </element>
410     <element id="Immunization.occurrence[x]:occurrenceDateTime">
411         <path value="Immunization.occurrence[x]" />
412         <sliceName value="occurrenceDateTime" />

```



```

413     <definition value="Im Anwendungsszenario "Daten nach- oder
übertragen" entspricht es dem Datum oder einer größeren Angabe der Zeit
bzw. des Zeitraums einer zurückliegenden Impfung, die im Impfpass
nachgetragen wird. Wird eine abgeschlossene Grundimmunisierung übertragen,
so sollte das Datum der Gabe der letzten Dosis dokumentiert werden." />
414     <min value="1" />
415     <type>
416         <code value="dateTime" />
417     </type>
418     <mustSupport value="true" />
419 </element>
420 <element id="Immunization.recorded">
421     <path value="Immunization.recorded" />
422     <max value="0" />
423 </element>
424 <element id="Immunization.primarySource">
425     <path value="Immunization.primarySource" />
426     <min value="1" />
427     <fixedBoolean value="false" />
428     <mustSupport value="true" />
429 </element>
430 <element id="Immunization.reportOrigin">
431     <path value="Immunization.reportOrigin" />
432     <min value="1" />
433     <mustSupport value="true" />
434     <binding>
435         <strength value="required" />
436         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_ImmunizationOriginCodes|1.1.0" />
437     </binding>
438 </element>
439 <element id="Immunization.reportOrigin.coding">
440     <path value="Immunization.reportOrigin.coding" />
441     <min value="1" />
442     <max value="1" />
443 </element>
444 <element id="Immunization.reportOrigin.coding.system">
445     <path value="Immunization.reportOrigin.coding.system" />
446     <min value="1" />
447 </element>
448 <element id="Immunization.reportOrigin.coding.code">
449     <path value="Immunization.reportOrigin.coding.code" />
450     <min value="1" />
451 </element>
452 <element id="Immunization.reportOrigin.coding.userSelected">
453     <path value="Immunization.reportOrigin.coding.userSelected" />
454     <max value="0" />
455 </element>
456 <element id="Immunization.reportOrigin.text">
457     <path value="Immunization.reportOrigin.text" />
458     <definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Snomed-Codes aus der Conceptmap eingetragen
werden, also in diesem Fall den Displaynamen des Targetsystems aus https://
fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_ImmunizationOriginCodes_German" />
459     <min value="1" />
460 </element>
461 <element id="Immunization.location">
462     <path value="Immunization.location" />
463     <max value="0" />

```

```

464 </element>
465 <element id="Immunization.manufacturer">
466   <path value="Immunization.manufacturer" />
467   <short value="Hersteller" />
468   <definition value="Name des herstellenden bzw. des anbietenden
Unternehmens. Dies bietet eine Zusatzinformation zum Fertigarzneimittel." /
>
469     <mustSupport value="true" />
470 </element>
471 <element id="Immunization.manufacturer.reference">
472   <path value="Immunization.manufacturer.reference" />
473   <max value="0" />
474 </element>
475 <element id="Immunization.manufacturer.type">
476   <path value="Immunization.manufacturer.type" />
477   <max value="0" />
478 </element>
479 <element id="Immunization.manufacturer.identifrier">
480   <path value="Immunization.manufacturer.identifrier" />
481   <max value="0" />
482 </element>
483 <element id="Immunization.manufacturer.display">
484   <path value="Immunization.manufacturer.display" />
485   <min value="1" />
486   <mustSupport value="true" />
487 </element>
488 <element id="Immunization.lotNumber">
489   <path value="Immunization.lotNumber" />
490   <short value="Chargenbezeichnung" />
491   <definition value="Chargenbezeichnung des verabreichten
Impfstoffs." />
492     <maxLength value="20" />
493     <mustSupport value="true" />
494 </element>
495 <element id="Immunization.expirationDate">
496   <path value="Immunization.expirationDate" />
497   <max value="0" />
498 </element>
499 <element id="Immunization.site">
500   <path value="Immunization.site" />
501   <max value="0" />
502 </element>
503 <element id="Immunization.route">
504   <path value="Immunization.route" />
505   <max value="0" />
506 </element>
507 <element id="Immunization.doseQuantity">
508   <path value="Immunization.doseQuantity" />
509   <max value="0" />
510 </element>
511 <element id="Immunization.performer">
512   <path value="Immunization.performer" />
513   <max value="0" />
514 </element>
515 <element id="Immunization.note">
516   <path value="Immunization.note" />
517   <short value="Anmerkungen zur durchgeführten Impfung" />
518   <definition value="Anmerkungen zur durchgeführten Impfung" />
519   <max value="1" />
520   <mustSupport value="true" />

```

```

521 </element>
522 <element id="Immunization.note.author[x]">
523   <path value="Immunization.note.author[x]" />
524   <max value="0" />
525 </element>
526 <element id="Immunization.note.time">
527   <path value="Immunization.note.time" />
528   <max value="0" />
529 </element>
530 <element id="Immunization.reasonCode">
531   <path value="Immunization.reasonCode" />
532   <max value="0" />
533 </element>
534 <element id="Immunization.reasonReference">
535   <path value="Immunization.reasonReference" />
536   <max value="0" />
537 </element>
538 <element id="Immunization.isSubpotent">
539   <path value="Immunization.isSubpotent" />
540   <max value="0" />
541 </element>
542 <element id="Immunization.subpotentReason">
543   <path value="Immunization.subpotentReason" />
544   <max value="0" />
545 </element>
546 <element id="Immunization.education">
547   <path value="Immunization.education" />
548   <max value="0" />
549 </element>
550 <element id="Immunization.programEligibility">
551   <path value="Immunization.programEligibility" />
552   <max value="0" />
553 </element>
554 <element id="Immunization.fundingSource">
555   <path value="Immunization.fundingSource" />
556   <max value="0" />
557 </element>
558 <element id="Immunization.reaction">
559   <path value="Immunization.reaction" />
560   <max value="0" />
561 </element>
562 <element id="Immunization.protocolApplied">
563   <path value="Immunization.protocolApplied" />
564   <min value="1" />
565   <max value="1" />
566   <mustSupport value="true" />
567 </element>
568 <element id="Immunization.protocolApplied.extension">
569   <path value="Immunization.protocolApplied.extension" />
570   <slicing>
571     <discriminator>
572       <type value="value" />
573       <path value="url" />
574     </discriminator>
575     <rules value="open" />
576   </slicing>
577 </element>
578 <element id="Immunization.protocolApplied.extension:datum_der_Folgeimpf
579   <path value="Immunization.protocolApplied.extension" />

```

```

580     <sliceName value="datum_der_Folgeimpfung" />
581     <max value="1" />
582     <type>
583         <code value="Extension" />
584         <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Follow_Up|1.1.0" />
585     </type>
586     <mustSupport value="true" />
587 </element>
588 <element id="Immunization.protocolApplied.extension:grundimmunisierung_
Abgeschlossen">
589     <path value="Immunization.protocolApplied.extension" />
590     <sliceName value="grundimmunisierung_Abgeschlossen" />
591     <max value="1" />
592     <type>
593         <code value="Extension" />
594         <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Basic_Immunization|1.1.0" />
595     </type>
596     <mustSupport value="true" />
597 </element>
598 <element id="Immunization.protocolApplied.series">
599     <path value="Immunization.protocolApplied.series" />
600     <max value="0" />
601 </element>
602 <element id="Immunization.protocolApplied.authority">
603     <path value="Immunization.protocolApplied.authority" />
604     <max value="0" />
605 </element>
606 <element id="Immunization.protocolApplied.targetDisease">
607     <path value="Immunization.protocolApplied.targetDisease" />
608     <short value="Erkrankung gegen die geimpft wird" />
609     <definition value="Dieses Element beschreibt den Namen der Krankheit,
gegen die geimpft wird. Es handelt sich um ein mehrfach auswählbares
Element, da ein Impfstoff mehrere einzelne Wirkstoffe enthalten kann und
somit mehrere Erkrankungen, gegen die geimpft wird, adressiert werden
können." />
610     <min value="1" />
611     <mustSupport value="true" />
612     <binding>
613         <strength value="required" />
614         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_TargetDisease|1.1.0" />
615     </binding>
616 </element>
617 <element id="Immunization.protocolApplied.targetDisease.coding">
618     <path value="Immunization.protocolApplied.targetDisease.coding" />
619     <min value="1" />
620     <max value="1" />
621     <mustSupport value="true" />
622 </element>
623 <element id="Immunization.protocolApplied.targetDisease.coding.system">
624     <path value="Immunization.protocolApplied.targetDisease.coding.system
" />
625     <min value="1" />
626 </element>
627 <element id="Immunization.protocolApplied.targetDisease.coding.version">
628     <path value="Immunization.protocolApplied.targetDisease.coding.versio
n" />
629     <min value="1" />

```

```

630     </element>
631     <element id="Immunization.protocolApplied.targetDisease.coding.code">
632         <path value="Immunization.protocolApplied.targetDisease.coding.code"
/>
633         <min value="1" />
634     </element>
635     <element id="Immunization.protocolApplied.targetDisease.coding.display">
636         <path value="Immunization.protocolApplied.targetDisease.coding.displa
y" />
637         <min value="1" />
638     </element>
639     <element id="Immunization.protocolApplied.targetDisease.coding.display.
extension">
640         <path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension" />
641         <licing>
642             <discriminator>
643                 <type value="value" />
644                 <path value="url" />
645             </discriminator>
646             <rules value="open" />
647         </licing>
648     </element>
649     <element id="Immunization.protocolApplied.targetDisease.coding.display.
extension:anzeigenameCodeSnomed">
650         <path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension" />
651         <sliceName value="anzeigenameCodeSnomed" />
652         <min value="1" />
653         <max value="1" />
654         <type>
655             <code value="Extension" />
656             <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German" />
657         </type>
658     </element>
659     <element id="Immunization.protocolApplied.targetDisease.coding.display.
extension:anzeigenameCodeSnomed.extension">
660         <path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension.extension" />
661         <licing>
662             <discriminator>
663                 <type value="value" />
664                 <path value="url" />
665             </discriminator>
666             <rules value="open" />
667         </licing>
668     </element>
669     <element id="Immunization.protocolApplied.targetDisease.coding.display.
extension:anzeigenameCodeSnomed.extension:content">
670         <path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension.extension" />
671         <sliceName value="content" />
672     </element>
673     <element id="Immunization.protocolApplied.targetDisease.coding.display.
extension:anzeigenameCodeSnomed.extension:content.value[x]:valueString">
674         <path value="Immunization.protocolApplied.targetDisease.coding.displa
y.extension.extension.value[x]" />
675         <sliceName value="valueString" />

```

```

676     <definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Snomed-Codes aus der Conceptmap eingetragen
werden, also in diesem Fall den Displaynamen des Targetsystems aus https://
fhir.kbv.de/ConceptMap/KBV_CM_MIO_Vaccination_Vaccine_Targetdisease" />
677   </element>
678   <element id="Immunization.protocolApplied.targetDisease.text">
679     <path value="Immunization.protocolApplied.targetDisease.text" />
680     <max value="0" />
681   </element>
682   <element id="Immunization.protocolApplied.doseNumber[x]">
683     <path value="Immunization.protocolApplied.doseNumber[x]" />
684     < slicing>
685       < discriminator>
686         < type value="type" />
687         < path value="$this" />
688       </ discriminator>
689       < rules value="open" />
690     </ slicing>
691   </ element>
692   < element id="Immunization.protocolApplied.doseNumber[x]:doseNumberStrin
g">
693     < path value="Immunization.protocolApplied.doseNumber[x]" />
694     < sliceName value="doseNumberString" />
695     < min value="1" />
696     < type>
697       < code value="string" />
698     </ type>
699   </ element>
700   < element id="Immunization.protocolApplied.doseNumber[x]:doseNumberStrin
g.extension">
701     < path value="Immunization.protocolApplied.doseNumber[x].extension" />
702     < slicing>
703       < discriminator>
704         < type value="value" />
705         < path value="url" />
706       </ discriminator>
707       < rules value="open" />
708     </ slicing>
709   </ element>
710   < element id="Immunization.protocolApplied.doseNumber[x]:doseNumberStrin
g.extension:data-absent-reason">
711     < path value="Immunization.protocolApplied.doseNumber[x].extension" />
712     < sliceName value="data-absent-reason" />
713     < min value="1" />
714     < type>
715       < code value="Extension" />
716       < profile value="http://hl7.org/fhir/StructureDefinition/data-
absent-reason" />
717     </ type>
718   </ element>
719   < element id="Immunization.protocolApplied.doseNumber[x]:doseNumberStrin
g.extension:data-absent-reason.value[x]">
720     < path value="Immunization.protocolApplied.doseNumber[x].extension.val
ue[x]" />
721     < slicing>
722       < discriminator>
723         < type value="type" />
724         < path value="$this" />
725       </ discriminator>
726       < rules value="open" />

```

```
727     </slicing>
728   </element>
729   <element id="Immunization.protocolApplied.doseNumber[x]:doseNumberString.extension:data-absent-reason.value[x]:valueCode">
730     <path value="Immunization.protocolApplied.doseNumber[x].extension.value[x]" />
731     <sliceName value="valueCode" />
732     <min value="1" />
733     <fixedCode value="unknown" />
734   </element>
735   <element id="Immunization.protocolApplied.seriesDoses[x]">
736     <path value="Immunization.protocolApplied.seriesDoses[x]" />
737     <max value="0" />
738   </element>
739 </differential>
740 </StructureDefinition>
```

3. KBV_PR_MIO_VACCINATION_COMPOSITION_PRIME

KBV_PR_MIO_Vaccination_Composition_Prime

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Composition_Prime" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Composition_Prime" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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FORMATS), UCUM DEFINITIONS, AND SPECIFICATION ARE PROVIDED "AS IS." ANY
EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="workflow" />
11    <uri value="http://hl7.org/fhir/workflow" />
12    <name value="Workflow Pattern" />
13  </mapping>
14  <mapping>
15    <identity value="rim" />
16    <uri value="http://hl7.org/v3" />
17    <name value="RIM Mapping" />
18  </mapping>
19  <mapping>
20    <identity value="cda" />
21    <uri value="http://hl7.org/v3/cda" />
22    <name value="CDA (R2)" />
23  </mapping>
24  <mapping>
25    <identity value="fhirdocumentreference" />
26    <uri value="http://hl7.org/fhir/documentreference" />
27    <name value="FHIR DocumentReference" />
28  </mapping>
29  </mapping>
```



```

30     <identity value="w5" />
31     <uri value="http://hl7.org/fhir/fivews" />
32     <name value="FiveWs Pattern Mapping" />
33 </mapping>
34 <kind value="resource" />
35 <abstract value="false" />
36 <type value="Composition" />
37 <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Composition" />
38 <derivation value="constraint" />
39 <differential>
40   <element id="Composition">
41     <path value="Composition" />
42     <short value="Übersichtsdokument im Szenario Daten eintragen" />
43     <definition value="Dieses Profil dient als Übersichtsdokument. Es
kann als eine Art Inhaltsverzeichnis des digitalen Dokumentes verstanden
werden. Die zu dem Dokument Impfpass passenden Inhalte sind dort auf
oberster Ebene beschrieben. \nDieses Profil behandelt das Szenario Daten
eintragen." />
44   </element>
45   <element id="Composition.meta">
46     <path value="Composition.meta" />
47     <min value="1" />
48   </element>
49   <element id="Composition.meta.versionId">
50     <path value="Composition.meta.versionId" />
51     <max value="0" />
52   </element>
53   <element id="Composition.meta.lastUpdated">
54     <path value="Composition.meta.lastUpdated" />
55     <max value="0" />
56   </element>
57   <element id="Composition.meta.source">
58     <path value="Composition.meta.source" />
59     <max value="0" />
60   </element>
61   <element id="Composition.meta.profile">
62     <path value="Composition.meta.profile" />
63     <min value="1" />
64     <max value="1" />
65     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Composition_Prime|1.1.0" />
66   </element>
67   <element id="Composition.meta.security">
68     <path value="Composition.meta.security" />
69     <max value="0" />
70   </element>
71   <element id="Composition.meta.tag">
72     <path value="Composition.meta.tag" />
73     <max value="0" />
74   </element>
75   <element id="Composition.implicitRules">
76     <path value="Composition.implicitRules" />
77     <max value="0" />
78   </element>
79   <element id="Composition.language">
80     <path value="Composition.language" />
81     <max value="0" />
82   </element>
83   <element id="Composition.text">

```

```

84     <path value="Composition.text" />
85 </element>
86 <element id="Composition.text.status">
87     <path value="Composition.text.status" />
88     <fixedCode value="extensions" />
89 </element>
90 <element id="Composition.contained">
91     <path value="Composition.contained" />
92     <max value="0" />
93 </element>
94 <element id="Composition.identifier">
95     <path value="Composition.identifier" />
96     <max value="0" />
97 </element>
98 <element id="Composition.status">
99     <path value="Composition.status" />
100    <fixedCode value="final" />
101 </element>
102 <element id="Composition.type">
103     <path value="Composition.type" />
104     <definition value="Code aus dem Profil IHE Immunization Content (IC)
zur Beschreibung der History of Immunization" />
105     <mustSupport value="true" />
106 </element>
107 <element id="Composition.type.coding">
108     <path value="Composition.type.coding" />
109     <min value="1" />
110     <max value="1" />
111 </element>
112 <element id="Composition.type.coding.system">
113     <path value="Composition.type.coding.system" />
114     <min value="1" />
115     <fixedUri value="http://loinc.org" />
116 </element>
117 <element id="Composition.type.coding.code">
118     <path value="Composition.type.coding.code" />
119     <min value="1" />
120     <fixedCode value="11369-6" />
121 </element>
122 <element id="Composition.type.coding.display">
123     <path value="Composition.type.coding.display" />
124     <min value="1" />
125     <fixedString value="History of Immunization Narrative" />
126 </element>
127 <element id="Composition.type.coding.userSelected">
128     <path value="Composition.type.coding.userSelected" />
129     <max value="0" />
130 </element>
131 <element id="Composition.type.text">
132     <path value="Composition.type.text" />
133     <max value="0" />
134 </element>
135 <element id="Composition.category">
136     <path value="Composition.category" />
137     <max value="0" />
138 </element>
139 <element id="Composition.subject">
140     <path value="Composition.subject" />
141     <min value="1" />
142     <type>

```

```

143     <code value="Reference" />
144     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient|1.1.0" />
145   </type>
146   <mustSupport value="true" />
147 </element>
148 <element id="Composition.subject.reference">
149   <path value="Composition.subject.reference" />
150   <min value="1" />
151   <mustSupport value="true" />
152 </element>
153 <element id="Composition.subject.type">
154   <path value="Composition.subject.type" />
155   <max value="0" />
156 </element>
157 <element id="Composition.subject.identifier">
158   <path value="Composition.subject.identifier" />
159   <max value="0" />
160 </element>
161 <element id="Composition.subject.display">
162   <path value="Composition.subject.display" />
163   <max value="0" />
164 </element>
165 <element id="Composition.encounter">
166   <path value="Composition.encounter" />
167   <max value="0" />
168 </element>
169 <element id="Composition.date">
170   <path value="Composition.date" />
171   <mustSupport value="true" />
172 </element>
173 <element id="Composition.author">
174   <path value="Composition.author" />
175   <short value="Eintragende Person" />
176   <definition value="Die Person, die den Eintrag der Impfung erstellt
hat. Sollte keine eintragende Person vorhanden sein, so kann die
Nullflavor-Extension genutzt werden." />
177   <max value="1" />
178   <type>
179     <code value="Reference" />
180     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole|1.1.0" />
181   </type>
182   <mustSupport value="true" />
183 </element>
184 <element id="Composition.author.extension">
185   <path value="Composition.author.extension" />
186   <slicing>
187     <discriminator>
188       <type value="value" />
189       <path value="url" />
190     </discriminator>
191     <rules value="open" />
192   </slicing>
193 </element>
194 <element id="Composition.author.extension:data-absent-reason">
195   <path value="Composition.author.extension" />
196   <sliceName value="data-absent-reason" />
197   <type>
198     <code value="Extension" />

```

```

199     <profile value="http://hl7.org/fhir/StructureDefinition/data-
200 absent-reason" />
201     </type>
202 </element>
203 <element id="Composition.author.extension:data-absent-reason.value[x]">
204     <path value="Composition.author.extension.value[x]" />
205     <slicing>
206         <discriminator>
207             <type value="type" />
208             <path value="$this" />
209         </discriminator>
210         <rules value="open" />
211     </slicing>
212 </element>
213 <element id="Composition.author.extension:data-absent-
214 reason.value[x]:valueCode">
215     <path value="Composition.author.extension.value[x]" />
216     <sliceName value="valueCode" />
217 </element>
218 <element id="Composition.author.reference">
219     <path value="Composition.author.reference" />
220     <mustSupport value="true" />
221 </element>
222 <element id="Composition.author.type">
223     <path value="Composition.author.type" />
224     <max value="0" />
225 </element>
226 <element id="Composition.author.identifier">
227     <path value="Composition.author.identifier" />
228     <max value="0" />
229 </element>
230 <element id="Composition.author.display">
231     <path value="Composition.author.display" />
232     <max value="0" />
233 </element>
234 <element id="Composition.confidentiality">
235     <path value="Composition.confidentiality" />
236     <max value="0" />
237 </element>
238 <element id="Composition.attester">
239     <path value="Composition.attester" />
240     <max value="0" />
241 </element>
242 <element id="Composition.custodian">
243     <path value="Composition.custodian" />
244     <max value="0" />
245 </element>
246 <element id="Composition.relatesTo">
247     <path value="Composition.relatesTo" />
248     <max value="0" />
249 </element>
250 <element id="Composition.event">
251     <path value="Composition.event" />
252     <max value="0" />
253 </element>
254 <element id="Composition.section">
255     <path value="Composition.section" />
256     <slicing>
257         <discriminator>
258             <type value="value" />

```

```

257     <path value="code.coding.code" />
258     </discriminator>
259     <rules value="closed" />
260 </slicing>
261 <min value="1" />
262 </element>
263 <element id="Composition.section:Record_Prime">
264     <path value="Composition.section" />
265     <sliceName value="Record_Prime" />
266     <max value="1" />
267     <mustSupport value="true" />
268 </element>
269 <element id="Composition.section:Record_Prime.title">
270     <path value="Composition.section.title" />
271     <max value="0" />
272 </element>
273 <element id="Composition.section:Record_Prime.code">
274     <path value="Composition.section.code" />
275     <min value="1" />
276     <mustSupport value="true" />
277 </element>
278 <element id="Composition.section:Record_Prime.code.coding">
279     <path value="Composition.section.code.coding" />
280     <min value="1" />
281     <max value="1" />
282     <mustSupport value="true" />
283 </element>
284 <element id="Composition.section:Record_Prime.code.coding.system">
285     <path value="Composition.section.code.coding.system" />
286     <min value="1" />
287     <fixedUri value="http://snomed.info/sct" />
288 </element>
289 <element id="Composition.section:Record_Prime.code.coding.version">
290     <path value="Composition.section.code.coding.version" />
291     <min value="1" />
292     <fixedString value="http://snomed.info/sct/900000000000207008/
version/20210131" />
293 </element>
294 <element id="Composition.section:Record_Prime.code.coding.code">
295     <path value="Composition.section.code.coding.code" />
296     <min value="1" />
297     <fixedCode value="713404003" />
298 </element>
299 <element id="Composition.section:Record_Prime.code.coding.display">
300     <path value="Composition.section.code.coding.display" />
301     <min value="1" />
302     <fixedString value="Vaccination given (situation)" />
303 </element>
304 <element id="Composition.section:Record_Prime.code.coding.userSelected">
305     <path value="Composition.section.code.coding.userSelected" />
306     <max value="0" />
307 </element>
308 <element id="Composition.section:Record_Prime.code.text">
309     <path value="Composition.section.code.text" />
310     <max value="0" />
311 </element>
312 <element id="Composition.section:Record_Prime.author">
313     <path value="Composition.section.author" />
314     <max value="0" />
315 </element>

```

```

316 <element id="Composition.section:Record_Prime.focus">
317   <path value="Composition.section.focus" />
318   <max value="0" />
319 </element>
320 <element id="Composition.section:Record_Prime.text">
321   <path value="Composition.section.text" />
322   <max value="0" />
323 </element>
324 <element id="Composition.section:Record_Prime.mode">
325   <path value="Composition.section.mode" />
326   <max value="0" />
327 </element>
328 <element id="Composition.section:Record_Prime.orderedBy">
329   <path value="Composition.section.orderedBy" />
330   <max value="0" />
331 </element>
332 <element id="Composition.section:Record_Prime.entry">
333   <path value="Composition.section.entry" />
334   <min value="1" />
335   <type>
336     <code value="Reference" />
337     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Record_Prime|1.1.0" />
338   </type>
339 </element>
340 <element id="Composition.section:Record_Prime.entry.reference">
341   <path value="Composition.section.entry.reference" />
342   <min value="1" />
343 </element>
344 <element id="Composition.section:Record_Prime.entry.type">
345   <path value="Composition.section.entry.type" />
346   <max value="0" />
347 </element>
348 <element id="Composition.section:Record_Prime.entry.identifier">
349   <path value="Composition.section.entry.identifier" />
350   <max value="0" />
351 </element>
352 <element id="Composition.section:Record_Prime.entry.display">
353   <path value="Composition.section.entry.display" />
354   <max value="0" />
355 </element>
356 <element id="Composition.section:Record_Prime.emptyReason">
357   <path value="Composition.section.emptyReason" />
358   <max value="0" />
359 </element>
360 <element id="Composition.section:Record_Prime.section">
361   <path value="Composition.section.section" />
362   <max value="0" />
363 </element>
364 <element id="Composition.section:Observation">
365   <path value="Composition.section" />
366   <sliceName value="Observation" />
367   <max value="1" />
368   <mustSupport value="true" />
369 </element>
370 <element id="Composition.section:Observation.title">
371   <path value="Composition.section.title" />
372   <max value="0" />
373 </element>
374 <element id="Composition.section:Observation.code">

```

```

375     <path value="Composition.section.code" />
376     <min value="1" />
377 </element>
378 <element id="Composition.section:Observation.code.coding">
379     <path value="Composition.section.code.coding" />
380     <min value="1" />
381     <max value="1" />
382 </element>
383 <element id="Composition.section:Observation.code.coding.system">
384     <path value="Composition.section.code.coding.system" />
385     <min value="1" />
386     <fixedUri value="http://snomed.info/sct" />
387 </element>
388 <element id="Composition.section:Observation.code.coding.version">
389     <path value="Composition.section.code.coding.version" />
390     <min value="1" />
391     <fixedString value="http://snomed.info/sct/900000000000207008/
version/20210131" />
392 </element>
393 <element id="Composition.section:Observation.code.coding.code">
394     <path value="Composition.section.code.coding.code" />
395     <min value="1" />
396     <fixedCode value="243796009:363589002=121258006" />
397 </element>
398 <element id="Composition.section:Observation.code.coding.display">
399     <path value="Composition.section.code.coding.display" />
400     <min value="1" />
401     <fixedString value="Situation with explicit context (situation) :
Associated procedure (attribute) = Procedure to identify antibody
(procedure)" />
402 </element>
403 <element id="Composition.section:Observation.code.coding.userSelected">
404     <path value="Composition.section.code.coding.userSelected" />
405     <max value="0" />
406 </element>
407 <element id="Composition.section:Observation.code.text">
408     <path value="Composition.section.code.text" />
409     <max value="0" />
410 </element>
411 <element id="Composition.section:Observation.author">
412     <path value="Composition.section.author" />
413     <max value="0" />
414 </element>
415 <element id="Composition.section:Observation.focus">
416     <path value="Composition.section.focus" />
417     <max value="0" />
418 </element>
419 <element id="Composition.section:Observation.text">
420     <path value="Composition.section.text" />
421     <max value="0" />
422 </element>
423 <element id="Composition.section:Observation.mode">
424     <path value="Composition.section.mode" />
425     <max value="0" />
426 </element>
427 <element id="Composition.section:Observation.orderedBy">
428     <path value="Composition.section.orderedBy" />
429     <max value="0" />
430 </element>
431 <element id="Composition.section:Observation.entry">

```

```

432     <path value="Composition.section.entry" />
433     <min value="1" />
434     <type>
435         <code value="Reference" />
436         <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Observation_Immunization_Status|1.1.0" />
437     </type>
438 </element>
439 <element id="Composition.section:Observation.entry.reference">
440     <path value="Composition.section.entry.reference" />
441     <min value="1" />
442 </element>
443 <element id="Composition.section:Observation.entry.type">
444     <path value="Composition.section.entry.type" />
445     <max value="0" />
446 </element>
447 <element id="Composition.section:Observation.entry.identifier">
448     <path value="Composition.section.entry.identifier" />
449     <max value="0" />
450 </element>
451 <element id="Composition.section:Observation.entry.display">
452     <path value="Composition.section.entry.display" />
453     <max value="0" />
454 </element>
455 <element id="Composition.section:Observation.emptyReason">
456     <path value="Composition.section.emptyReason" />
457     <max value="0" />
458 </element>
459 <element id="Composition.section:Observation.section">
460     <path value="Composition.section.section" />
461     <max value="0" />
462 </element>
463 <element id="Composition.section:Condition">
464     <path value="Composition.section" />
465     <sliceName value="Condition" />
466     <max value="1" />
467     <mustSupport value="true" />
468 </element>
469 <element id="Composition.section:Condition.title">
470     <path value="Composition.section.title" />
471     <max value="0" />
472 </element>
473 <element id="Composition.section:Condition.code">
474     <path value="Composition.section.code" />
475     <definition value="Möglicherweise noch ändern auf IHE IC\n11450-4 R
PROBLEM LIST\n11348-0 R HISTORY OF PAST ILLNESS\n\nMEDCCAT http://
terminology.hl7.org/CodeSystem/v3-ActCode" />
476     <min value="1" />
477 </element>
478 <element id="Composition.section:Condition.code.coding">
479     <path value="Composition.section.code.coding" />
480     <min value="1" />
481     <max value="1" />
482 </element>
483 <element id="Composition.section:Condition.code.coding.system">
484     <path value="Composition.section.code.coding.system" />
485     <min value="1" />
486     <fixedUri value="http://snomed.info/sct" />
487 </element>
488 <element id="Composition.section:Condition.code.coding.version">

```



```

489     <path value="Composition.section.code.coding.version" />
490     <min value="1" />
491     <fixedString value="http://snomed.info/sct/900000000000207008/
version/20210131" />
492 </element>
493 <element id="Composition.section:Condition.code.coding.code">
494     <path value="Composition.section.code.coding.code" />
495     <min value="1" />
496     <fixedCode value="161413004:363589002=35123003" />
497 </element>
498 <element id="Composition.section:Condition.code.coding.display">
499     <path value="Composition.section.code.coding.display" />
500     <min value="1" />
501     <fixedString value="History of infectious disease (situation) :
Associated procedure (attribute) = Active immunity, function (observable
entity)" />
502 </element>
503 <element id="Composition.section:Condition.code.coding.userSelected">
504     <path value="Composition.section.code.coding.userSelected" />
505     <max value="0" />
506 </element>
507 <element id="Composition.section:Condition.code.text">
508     <path value="Composition.section.code.text" />
509     <max value="0" />
510 </element>
511 <element id="Composition.section:Condition.author">
512     <path value="Composition.section.author" />
513     <max value="0" />
514 </element>
515 <element id="Composition.section:Condition.focus">
516     <path value="Composition.section.focus" />
517     <max value="0" />
518 </element>
519 <element id="Composition.section:Condition.text">
520     <path value="Composition.section.text" />
521     <max value="0" />
522 </element>
523 <element id="Composition.section:Condition.mode">
524     <path value="Composition.section.mode" />
525     <max value="0" />
526 </element>
527 <element id="Composition.section:Condition.orderedBy">
528     <path value="Composition.section.orderedBy" />
529     <max value="0" />
530 </element>
531 <element id="Composition.section:Condition.entry">
532     <path value="Composition.section.entry" />
533     <min value="1" />
534     <type>
535         <code value="Reference" />
536         <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Condition|1.1.0" />
537     </type>
538 </element>
539 <element id="Composition.section:Condition.entry.reference">
540     <path value="Composition.section.entry.reference" />
541     <min value="1" />
542 </element>
543 <element id="Composition.section:Condition.entry.type">
544     <path value="Composition.section.entry.type" />

```

```

545     <max value="0" />
546 </element>
547 <element id="Composition.section:Condition.entry.identifier">
548   <path value="Composition.section.entry.identifier" />
549   <max value="0" />
550 </element>
551 <element id="Composition.section:Condition.entry.display">
552   <path value="Composition.section.entry.display" />
553   <max value="0" />
554 </element>
555 <element id="Composition.section:Condition.emptyReason">
556   <path value="Composition.section.emptyReason" />
557   <max value="0" />
558 </element>
559 <element id="Composition.section:Condition.section">
560   <path value="Composition.section.section" />
561   <short value="Provenance" />
562   <min value="1" />
563 </element>
564 <element id="Composition.section:Condition.section.title">
565   <path value="Composition.section.section.title" />
566   <max value="0" />
567 </element>
568 <element id="Composition.section:Condition.section.code">
569   <path value="Composition.section.section.code" />
570   <max value="0" />
571 </element>
572 <element id="Composition.section:Condition.section.author">
573   <path value="Composition.section.section.author" />
574   <max value="0" />
575 </element>
576 <element id="Composition.section:Condition.section.focus">
577   <path value="Composition.section.section.focus" />
578   <max value="0" />
579 </element>
580 <element id="Composition.section:Condition.section.text">
581   <path value="Composition.section.section.text" />
582   <max value="0" />
583 </element>
584 <element id="Composition.section:Condition.section.mode">
585   <path value="Composition.section.section.mode" />
586   <max value="0" />
587 </element>
588 <element id="Composition.section:Condition.section.orderedBy">
589   <path value="Composition.section.section.orderedBy" />
590   <max value="0" />
591 </element>
592 <element id="Composition.section:Condition.section.entry">
593   <path value="Composition.section.section.entry" />
594   <min value="1" />
595   <type>
596     <code value="Reference" />
597     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Provenance|1.1.0" />
598   </type>
599 </element>
600 <element id="Composition.section:Condition.section.entry.reference">
601   <path value="Composition.section.section.entry.reference" />
602   <min value="1" />
603 </element>

```

```
604 <element id="Composition.section:Condition.section.entry.type">
605   <path value="Composition.section.section.entry.type" />
606   <max value="0" />
607 </element>
608 <element id="Composition.section:Condition.section.entry.identifier">
609   <path value="Composition.section.section.entry.identifier" />
610   <max value="0" />
611 </element>
612 <element id="Composition.section:Condition.section.entry.display">
613   <path value="Composition.section.section.entry.display" />
614   <max value="0" />
615 </element>
616 <element id="Composition.section:Condition.section.emptyReason">
617   <path value="Composition.section.section.emptyReason" />
618   <max value="0" />
619 </element>
620 <element id="Composition.section:Condition.section.section">
621   <path value="Composition.section.section.section" />
622   <max value="0" />
623 </element>
624 </differential>
625 </StructureDefinition>
```

4. KBV_PR_MIO_VACCINATION_COMPOSITION_ADDENDUM

KBV_PR_MIO_Vaccination_Composition_Addendum

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Composition_Addendum" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Composition_Addendum" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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FORMATS), UCUM DEFINITIONS, AND SPECIFICATION ARE PROVIDED "AS IS." ANY
EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="workflow" />
11    <uri value="http://hl7.org/fhir/workflow" />
12    <name value="Workflow Pattern" />
13  </mapping>
14  <mapping>
15    <identity value="rim" />
16    <uri value="http://hl7.org/v3" />
17    <name value="RIM Mapping" />
18  </mapping>
19  <mapping>
20    <identity value="cda" />
21    <uri value="http://hl7.org/v3/cda" />
22    <name value="CDA (R2)" />
23  </mapping>
24  <mapping>
25    <identity value="fhirdocumentreference" />
26    <uri value="http://hl7.org/fhir/documentreference" />
27    <name value="FHIR DocumentReference" />
28  </mapping>
29  </mapping>
```

```

30     <identity value="w5" />
31     <uri value="http://hl7.org/fhir/fivews" />
32     <name value="FiveWs Pattern Mapping" />
33 </mapping>
34 <kind value="resource" />
35 <abstract value="false" />
36 <type value="Composition" />
37 <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Composition" />
38 <derivation value="constraint" />
39 <differential>
40   <element id="Composition">
41     <path value="Composition" />
42     <short value="Übersichtsdokument im Szenario Daten nachübertragen" />
43     <definition value="Dieses Profil dient als Übersichtsdokument. Es
kann als eine Art Inhaltsverzeichnis des Dokumentes verstanden werden. Die
zu dem Dokument Impfpass passenden Inhalte sind dort auf oberster Ebene
beschrieben. \nDieses Profil behandelt das Szenario Daten nach- oder
übertragen." />
44   </element>
45   <element id="Composition.meta">
46     <path value="Composition.meta" />
47     <min value="1" />
48   </element>
49   <element id="Composition.meta.versionId">
50     <path value="Composition.meta.versionId" />
51     <max value="0" />
52   </element>
53   <element id="Composition.meta.lastUpdated">
54     <path value="Composition.meta.lastUpdated" />
55     <max value="0" />
56   </element>
57   <element id="Composition.meta.source">
58     <path value="Composition.meta.source" />
59     <max value="0" />
60   </element>
61   <element id="Composition.meta.profile">
62     <path value="Composition.meta.profile" />
63     <min value="1" />
64     <max value="1" />
65     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Composition_Addendum|1.1.0" />
66   </element>
67   <element id="Composition.meta.security">
68     <path value="Composition.meta.security" />
69     <max value="0" />
70   </element>
71   <element id="Composition.meta.tag">
72     <path value="Composition.meta.tag" />
73     <max value="0" />
74   </element>
75   <element id="Composition.implicitRules">
76     <path value="Composition.implicitRules" />
77     <max value="0" />
78   </element>
79   <element id="Composition.language">
80     <path value="Composition.language" />
81     <max value="0" />
82   </element>
83   <element id="Composition.text">

```

```

84     <path value="Composition.text" />
85 </element>
86 <element id="Composition.text.status">
87     <path value="Composition.text.status" />
88     <fixedCode value="extensions" />
89 </element>
90 <element id="Composition.contained">
91     <path value="Composition.contained" />
92     <max value="0" />
93 </element>
94 <element id="Composition.identifier">
95     <path value="Composition.identifier" />
96     <max value="0" />
97 </element>
98 <element id="Composition.status">
99     <path value="Composition.status" />
100    <fixedCode value="final" />
101 </element>
102 <element id="Composition.type">
103     <path value="Composition.type" />
104     <definition value="Code aus dem Profil IHE Immunization Content (IC)
zur Beschreibung der History of Immunization" />
105     <mustSupport value="true" />
106 </element>
107 <element id="Composition.type.coding">
108     <path value="Composition.type.coding" />
109     <min value="1" />
110     <max value="1" />
111 </element>
112 <element id="Composition.type.coding.system">
113     <path value="Composition.type.coding.system" />
114     <min value="1" />
115     <fixedUri value="http://loinc.org" />
116 </element>
117 <element id="Composition.type.coding.code">
118     <path value="Composition.type.coding.code" />
119     <min value="1" />
120     <fixedCode value="11369-6" />
121 </element>
122 <element id="Composition.type.coding.display">
123     <path value="Composition.type.coding.display" />
124     <min value="1" />
125     <fixedString value="History of Immunization Narrative" />
126 </element>
127 <element id="Composition.type.coding.userSelected">
128     <path value="Composition.type.coding.userSelected" />
129     <max value="0" />
130 </element>
131 <element id="Composition.type.text">
132     <path value="Composition.type.text" />
133     <max value="0" />
134 </element>
135 <element id="Composition.category">
136     <path value="Composition.category" />
137     <max value="0" />
138 </element>
139 <element id="Composition.subject">
140     <path value="Composition.subject" />
141     <min value="1" />
142     <type>

```

```

143     <code value="Reference" />
144     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient|1.1.0" />
145   </type>
146   <mustSupport value="true" />
147 </element>
148 <element id="Composition.subject.reference">
149   <path value="Composition.subject.reference" />
150   <min value="1" />
151 </element>
152 <element id="Composition.subject.type">
153   <path value="Composition.subject.type" />
154   <max value="0" />
155 </element>
156 <element id="Composition.subject.identifier">
157   <path value="Composition.subject.identifier" />
158   <max value="0" />
159 </element>
160 <element id="Composition.subject.display">
161   <path value="Composition.subject.display" />
162   <max value="0" />
163 </element>
164 <element id="Composition.encounter">
165   <path value="Composition.encounter" />
166   <max value="0" />
167 </element>
168 <element id="Composition.date">
169   <path value="Composition.date" />
170   <mustSupport value="true" />
171 </element>
172 <element id="Composition.author">
173   <path value="Composition.author" />
174   <short value="Eintragende Person" />
175   <definition value="Die Person, die den Eintrag der Impfung erstellt
hat." />
176   <max value="1" />
177   <type>
178     <code value="Reference" />
179     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole|1.1.0" />
180   </type>
181   <mustSupport value="true" />
182 </element>
183 <element id="Composition.author.reference">
184   <path value="Composition.author.reference" />
185   <min value="1" />
186 </element>
187 <element id="Composition.author.type">
188   <path value="Composition.author.type" />
189   <max value="0" />
190 </element>
191 <element id="Composition.author.identifier">
192   <path value="Composition.author.identifier" />
193   <max value="0" />
194 </element>
195 <element id="Composition.author.display">
196   <path value="Composition.author.display" />
197   <max value="0" />
198 </element>
199 <element id="Composition.confidentiality">

```

```

200     <path value="Composition.confidentiality" />
201     <max value="0" />
202 </element>
203 <element id="Composition.attester">
204     <path value="Composition.attester" />
205     <max value="0" />
206 </element>
207 <element id="Composition.custodian">
208     <path value="Composition.custodian" />
209     <max value="0" />
210 </element>
211 <element id="Composition.relatesTo">
212     <path value="Composition.relatesTo" />
213     <max value="0" />
214 </element>
215 <element id="Composition.event">
216     <path value="Composition.event" />
217     <max value="0" />
218 </element>
219 <element id="Composition.section">
220     <path value="Composition.section" />
221     <slicing>
222         <discriminator>
223             <type value="value" />
224             <path value="code.coding.code" />
225         </discriminator>
226         <rules value="closed" />
227     </slicing>
228     <min value="1" />
229     <max value="1" />
230 </element>
231 <element id="Composition.section:Record_Addendum">
232     <path value="Composition.section" />
233     <sliceName value="Record_Addendum" />
234     <min value="1" />
235     <max value="1" />
236     <mustSupport value="true" />
237 </element>
238 <element id="Composition.section:Record_Addendum.title">
239     <path value="Composition.section.title" />
240     <max value="0" />
241 </element>
242 <element id="Composition.section:Record_Addendum.code">
243     <path value="Composition.section.code" />
244     <min value="1" />
245 </element>
246 <element id="Composition.section:Record_Addendum.code.coding">
247     <path value="Composition.section.code.coding" />
248     <min value="1" />
249     <max value="1" />
250 </element>
251 <element id="Composition.section:Record_Addendum.code.coding.system">
252     <path value="Composition.section.code.coding.system" />
253     <min value="1" />
254     <fixedUri value="http://snomed.info/sct" />
255 </element>
256 <element id="Composition.section:Record_Addendum.code.coding.version">
257     <path value="Composition.section.code.coding.version" />
258     <min value="1" />

```



```

259     <fixedString value="http://snomed.info/sct/900000000000207008/
version/20210131" />
260   </element>
261   <element id="Composition.section:Record_Addendum.code.coding.code">
262     <path value="Composition.section.code.coding.code" />
263     <min value="1" />
264     <fixedCode value="713404003" />
265   </element>
266   <element id="Composition.section:Record_Addendum.code.coding.display">
267     <path value="Composition.section.code.coding.display" />
268     <min value="1" />
269     <fixedString value="Vaccination given (situation)" />
270   </element>
271   <element id="Composition.section:Record_Addendum.code.coding.userSelect
ed">
272     <path value="Composition.section.code.coding.userSelected" />
273     <max value="0" />
274   </element>
275   <element id="Composition.section:Record_Addendum.code.text">
276     <path value="Composition.section.code.text" />
277     <max value="0" />
278   </element>
279   <element id="Composition.section:Record_Addendum.author">
280     <path value="Composition.section.author" />
281     <max value="0" />
282   </element>
283   <element id="Composition.section:Record_Addendum.focus">
284     <path value="Composition.section.focus" />
285     <max value="0" />
286   </element>
287   <element id="Composition.section:Record_Addendum.text">
288     <path value="Composition.section.text" />
289     <max value="0" />
290   </element>
291   <element id="Composition.section:Record_Addendum.mode">
292     <path value="Composition.section.mode" />
293     <max value="0" />
294   </element>
295   <element id="Composition.section:Record_Addendum.orderedBy">
296     <path value="Composition.section.orderedBy" />
297     <max value="0" />
298   </element>
299   <element id="Composition.section:Record_Addendum.entry">
300     <path value="Composition.section.entry" />
301     <min value="1" />
302     <type>
303       <code value="Reference" />
304       <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Record_Addendum|1.1.0" />
305     </type>
306   </element>
307   <element id="Composition.section:Record_Addendum.entry.reference">
308     <path value="Composition.section.entry.reference" />
309     <min value="1" />
310   </element>
311   <element id="Composition.section:Record_Addendum.entry.type">
312     <path value="Composition.section.entry.type" />
313     <max value="0" />
314   </element>
315   <element id="Composition.section:Record_Addendum.entry.identifier">

```

```
316     <path value="Composition.section.entry.identifrier" />
317     <max value="0" />
318 </element>
319 <element id="Composition.section:Record_Addendum.entry.display">
320     <path value="Composition.section.entry.display" />
321     <max value="0" />
322 </element>
323 <element id="Composition.section:Record_Addendum.emptyReason">
324     <path value="Composition.section.emptyReason" />
325     <max value="0" />
326 </element>
327 <element id="Composition.section:Record_Addendum.section">
328     <path value="Composition.section.section" />
329     <max value="0" />
330 </element>
331 </differential>
332 </StructureDefinition>
```

5. KBV_PR_MIO_VACCINATION_BUNDLE_ENTRY

KBV_PR_MIO_Vaccination_Bundle_Entry

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Bundle_Entry" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Bundle_Entry" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="v2" />
11    <uri value="http://hl7.org/v2" />
12    <name value="HL7 v2 Mapping" />
13  </mapping>
14  <mapping>
15    <identity value="rim" />
16    <uri value="http://hl7.org/v3" />
17    <name value="RIM Mapping" />
18  </mapping>
19  <mapping>
20    <identity value="cda" />
21    <uri value="http://hl7.org/v3/cda" />
22    <name value="CDA (R2)" />
23  </mapping>
24  <mapping>
25    <identity value="w5" />
26    <uri value="http://hl7.org/fhir/fivews" />
27    <name value="FiveWs Pattern Mapping" />
28  </mapping>
29  <kind value="resource" />
30  <abstract value="false" />
31  <type value="Bundle" />
32  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/Bundle" />
33  <derivation value="constraint" />
34  <differential>
35    <element id="Bundle">
36      <path value="Bundle" />
37      <short value="Bündelung notwendiger Ressourcen" />
38      <definition value="Dieses Profil dient als bündelndes Element. Das
Bundle kann als Klammer-Ressource verstanden werden, die die notwendigen
Ressourcen zusammenfügt. Diese Ressource und die Integrierten können dann
mit einer Signatur versehen werden. \n\nDas Bundle umfasst in dieser
Anwendung einen oder mehrere Impfeinträge, also Impfzeilen. Diese können
aus einer aktuellen Impfung stammen oder nachgetragen werden." />
39      <constraint>
40        <key value="TypeComposition" />
41        <severity value="error" />
42        <human value="Es muss genau eine Composition_Prime oder
Composition_Addendum enthalten sein" />
43      <expression value="entry.where(resource.meta.profile='https://
fhir.kbv.de/StructureDefinition/KBV_PR_MIO_Vaccination_Composition_Prime|
1.1.0' or resource.meta.profile='https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Composition_Addendum|1.1.0').count()=1" />
```

```

44     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Bundle_Entry" />
45   </constraint>
46   <constraint>
47     <key value="OneComposition" />
48     <severity value="error" />
49     <human value="Es darf genau eine Composition geben" />
50     <expression value="entry.select(resource as
Composition).count()=1" />
51     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Bundle_Entry" />
52   </constraint>
53 </element>
54 <element id="Bundle.meta">
55   <path value="Bundle.meta" />
56   <min value="1" />
57 </element>
58 <element id="Bundle.meta.versionId">
59   <path value="Bundle.meta.versionId" />
60   <max value="0" />
61 </element>
62 <element id="Bundle.meta.source">
63   <path value="Bundle.meta.source" />
64   <max value="0" />
65 </element>
66 <element id="Bundle.meta.profile">
67   <path value="Bundle.meta.profile" />
68   <min value="1" />
69   <max value="1" />
70   <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Bundle_Entry|1.1.0" />
71 </element>
72 <element id="Bundle.meta.security">
73   <path value="Bundle.meta.security" />
74   <max value="0" />
75 </element>
76 <element id="Bundle.meta.tag">
77   <path value="Bundle.meta.tag" />
78   <max value="0" />
79 </element>
80 <element id="Bundle.implicitRules">
81   <path value="Bundle.implicitRules" />
82   <max value="0" />
83 </element>
84 <element id="Bundle.language">
85   <path value="Bundle.language" />
86   <max value="0" />
87 </element>
88 <element id="Bundle.identifier">
89   <path value="Bundle.identifier" />
90   <min value="1" />
91   <mustSupport value="true" />
92 </element>
93 <element id="Bundle.identifier.use">
94   <path value="Bundle.identifier.use" />
95   <max value="0" />
96 </element>
97 <element id="Bundle.identifier.type">
98   <path value="Bundle.identifier.type" />
99   <max value="0" />

```

```

100 </element>
101 <element id="Bundle.identifier.system">
102   <path value="Bundle.identifier.system" />
103   <min value="1" />
104   <fixedUri value="urn:ietf:rfc:3986" />
105 </element>
106 <element id="Bundle.identifier.value">
107   <path value="Bundle.identifier.value" />
108   <min value="1" />
109 </element>
110 <element id="Bundle.identifier.period">
111   <path value="Bundle.identifier.period" />
112   <max value="0" />
113 </element>
114 <element id="Bundle.identifier.assigner">
115   <path value="Bundle.identifier.assigner" />
116   <max value="0" />
117 </element>
118 <element id="Bundle.type">
119   <path value="Bundle.type" />
120   <fixedCode value="document" />
121   <mustSupport value="true" />
122 </element>
123 <element id="Bundle.timestamp">
124   <path value="Bundle.timestamp" />
125   <min value="1" />
126 </element>
127 <element id="Bundle.total">
128   <path value="Bundle.total" />
129   <max value="0" />
130 </element>
131 <element id="Bundle.link">
132   <path value="Bundle.link" />
133   <max value="0" />
134 </element>
135 <element id="Bundle.entry">
136   <path value="Bundle.entry" />
137   <min value="1" />
138   <mustSupport value="true" />
139 </element>
140 <element id="Bundle.entry.link">
141   <path value="Bundle.entry.link" />
142   <max value="0" />
143 </element>
144 <element id="Bundle.entry.fullUrl">
145   <path value="Bundle.entry.fullUrl" />
146   <min value="1" />
147 </element>
148 <element id="Bundle.entry.resource">
149   <path value="Bundle.entry.resource" />
150   <min value="1" />
151 </element>
152 <element id="Bundle.entry.search">
153   <path value="Bundle.entry.search" />
154   <max value="0" />
155 </element>
156 <element id="Bundle.entry.request">
157   <path value="Bundle.entry.request" />
158   <max value="0" />
159 </element>

```

```
160     <element id="Bundle.entry.response">
161       <path value="Bundle.entry.response" />
162       <max value="0" />
163     </element>
164     <element id="Bundle.signature">
165       <path value="Bundle.signature" />
166       <max value="0" />
167     </element>
168   </differential>
169 </StructureDefinition>
```

6. KBV_PR_MIO_VACCINATION_PROVENANCE

KBV_PR_MIO_Vaccination_Provenance

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Provenance" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Provenance" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Hinweis: This material includes SNOMED Clinical Terms®
(SNOMED CT®) which is used by permission of SNOMED International. All
rights reserved. SNOMED CT®, was originally created by The College of
American Pathologists. SNOMED and SNOMED CT are registered trademarks of
SNOMED International. Implementers of these artefacts must have the
appropriate SNOMED CT Affiliate license." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="workflow" />
11    <uri value="http://hl7.org/fhir/workflow" />
12    <name value="Workflow Pattern" />
13  </mapping>
14  <mapping>
15    <identity value="rim" />
16    <uri value="http://hl7.org/v3" />
17    <name value="RIM Mapping" />
18  </mapping>
19  <mapping>
20    <identity value="w3c PROV" />
21    <uri value="http://www.w3.org/ns/prov" />
22    <name value="W3C PROV" />
23  </mapping>
24  <mapping>
25    <identity value="w5" />
26    <uri value="http://hl7.org/fhir/fivews" />
27    <name value="FiveWs Pattern Mapping" />
28  </mapping>
29  <mapping>
30    <identity value="fhirauditEvent" />
31    <uri value="http://hl7.org/fhir/auditEvent" />
32    <name value="FHIR AuditEvent Mapping" />
33  </mapping>
34  <kind value="resource" />
35  <abstract value="false" />
36  <type value="Provenance" />
37  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Provenance" />
38  <derivation value="constraint" />
39  <differential>
40    <element id="Provenance">
41      <path value="Provenance" />
42      <short value="Herkunft von Ressourcen" />
43      <definition value="Mit diesem Profil soll die Herkunft von
Ressourcen, die in diesem Projekt spezifiziert worden sind, beschrieben
werden. Es kann also die Informationsquelle der Inhalte dieser Ressourcen
angegeben werden." />
44    </element>
```

```

45 <element id="Provenance.meta">
46   <path value="Provenance.meta" />
47   <min value="1" />
48 </element>
49 <element id="Provenance.meta.versionId">
50   <path value="Provenance.meta.versionId" />
51   <max value="0" />
52 </element>
53 <element id="Provenance.meta.lastUpdated">
54   <path value="Provenance.meta.lastUpdated" />
55   <max value="0" />
56 </element>
57 <element id="Provenance.meta.source">
58   <path value="Provenance.meta.source" />
59   <max value="0" />
60 </element>
61 <element id="Provenance.meta.profile">
62   <path value="Provenance.meta.profile" />
63   <min value="1" />
64   <max value="1" />
65   <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Provenance|1.1.0" />
66 </element>
67 <element id="Provenance.meta.security">
68   <path value="Provenance.meta.security" />
69   <max value="0" />
70 </element>
71 <element id="Provenance.meta.tag">
72   <path value="Provenance.meta.tag" />
73   <max value="0" />
74 </element>
75 <element id="Provenance.implicitRules">
76   <path value="Provenance.implicitRules" />
77   <max value="0" />
78 </element>
79 <element id="Provenance.language">
80   <path value="Provenance.language" />
81   <max value="0" />
82 </element>
83 <element id="Provenance.contained">
84   <path value="Provenance.contained" />
85   <max value="0" />
86 </element>
87 <element id="Provenance.target">
88   <path value="Provenance.target" />
89   <type>
90     <code value="Reference" />
91     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Condition|1.1.0" />
92   </type>
93   <mustSupport value="true" />
94 </element>
95 <element id="Provenance.target.reference">
96   <path value="Provenance.target.reference" />
97   <min value="1" />
98   <mustSupport value="true" />
99 </element>
100 <element id="Provenance.target.type">
101   <path value="Provenance.target.type" />
102   <max value="0" />

```



```

103 </element>
104 <element id="Provenance.target.identifier">
105   <path value="Provenance.target.identifier" />
106   <max value="0" />
107 </element>
108 <element id="Provenance.target.display">
109   <path value="Provenance.target.display" />
110   <max value="0" />
111 </element>
112 <element id="Provenance.occurred[x]">
113   <path value="Provenance.occurred[x]" />
114   <max value="0" />
115 </element>
116 <element id="Provenance.recorded">
117   <path value="Provenance.recorded" />
118   <mustSupport value="true" />
119 </element>
120 <element id="Provenance.policy">
121   <path value="Provenance.policy" />
122   <max value="0" />
123 </element>
124 <element id="Provenance.location">
125   <path value="Provenance.location" />
126   <max value="0" />
127 </element>
128 <element id="Provenance.reason">
129   <path value="Provenance.reason" />
130   <max value="0" />
131 </element>
132 <element id="Provenance.activity">
133   <path value="Provenance.activity" />
134   <max value="0" />
135 </element>
136 <element id="Provenance.agent">
137   <path value="Provenance.agent" />
138   <max value="1" />
139   <mustSupport value="true" />
140 </element>
141 <element id="Provenance.agent.type">
142   <path value="Provenance.agent.type" />
143   <max value="0" />
144 </element>
145 <element id="Provenance.agent.role">
146   <path value="Provenance.agent.role" />
147   <short value="Quelle der Information" />
148   <definition value="Quelle der Information" />
149   <min value="1" />
150   <max value="1" />
151   <mustSupport value="true" />
152   <binding>
153     <strength value="required" />
154     <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Source_of_Information|1.1.0" />
155   </binding>
156 </element>
157 <element id="Provenance.agent.role.coding">
158   <path value="Provenance.agent.role.coding" />
159   <min value="1" />
160   <max value="1" />
161   <mustSupport value="true" />

```

```

162 </element>
163 <element id="Provenance.agent.role.coding.system">
164   <path value="Provenance.agent.role.coding.system" />
165   <min value="1" />
166   <mustSupport value="true" />
167 </element>
168 <element id="Provenance.agent.role.coding.code">
169   <path value="Provenance.agent.role.coding.code" />
170   <min value="1" />
171   <mustSupport value="true" />
172 </element>
173 <element id="Provenance.agent.role.coding.display">
174   <path value="Provenance.agent.role.coding.display" />
175   <min value="1" />
176   <mustSupport value="true" />
177 </element>
178 <element id="Provenance.agent.role.coding.display.extension">
179   <path value="Provenance.agent.role.coding.display.extension" />
180   <licing>
181     <discriminator>
182       <type value="value" />
183       <path value="url" />
184     </discriminator>
185     <rules value="open" />
186   </licing>
187 </element>
188 <element id="Provenance.agent.role.coding.display.extension:anzeigename
CodeSnomed">
189   <path value="Provenance.agent.role.coding.display.extension" />
190   <sliceName value="anzeigenameCodeSnomed" />
191   <type>
192     <code value="Extension" />
193     <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German|1.1.1" />
194   </type>
195 </element>
196 <element id="Provenance.agent.role.coding.display.extension:anzeigename
CodeSnomed.extension">
197   <path value="Provenance.agent.role.coding.display.extension.extension
" />
198   <licing>
199     <discriminator>
200       <type value="value" />
201       <path value="url" />
202     </discriminator>
203     <rules value="open" />
204   </licing>
205 </element>
206 <element id="Provenance.agent.role.coding.display.extension:anzeigename
CodeSnomed.extension:content">
207   <path value="Provenance.agent.role.coding.display.extension.extension
" />
208   <sliceName value="content" />
209 </element>
210 <element id="Provenance.agent.role.coding.display.extension:anzeigename
CodeSnomed.extension:content.value[x]:valueString">
211   <path value="Provenance.agent.role.coding.display.extension.extension
.value[x]" />
212   <sliceName value="valueString" />
213   <short value="Anzeigename" />

```

```

214     <definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Snomed-Codes aus der Conceptmap eingetragen
werden, also in diesem Fall den Displaynamen des Targetsystems aus https://
fhir.kbv.de/ConceptMap/KBV_CM_MIO_Vaccination_Source_of_Information_German"
/>
215   </element>
216   <element id="Provenance.agent.role.text">
217     <path value="Provenance.agent.role.text" />
218     <max value="0" />
219   </element>
220   <element id="Provenance.agent.who">
221     <path value="Provenance.agent.who" />
222     <mustSupport value="true" />
223   </element>
224   <element id="Provenance.agent.who.extension">
225     <path value="Provenance.agent.who.extension" />
226     <slicing>
227       <discriminator>
228         <type value="value" />
229         <path value="url" />
230       </discriminator>
231       <rules value="open" />
232     </slicing>
233   </element>
234   <element id="Provenance.agent.who.extension:data-absent-reason">
235     <path value="Provenance.agent.who.extension" />
236     <sliceName value="data-absent-reason" />
237     <min value="1" />
238     <type>
239       <code value="Extension" />
240       <profile value="http://hl7.org/fhir/StructureDefinition/data-
absent-reason" />
241     </type>
242   </element>
243   <element id="Provenance.agent.who.extension:data-absent-
reason.value[x]">
244     <path value="Provenance.agent.who.extension.value[x]" />
245     <slicing>
246       <discriminator>
247         <type value="type" />
248         <path value="$this" />
249       </discriminator>
250       <rules value="open" />
251     </slicing>
252   </element>
253   <element id="Provenance.agent.who.extension:data-absent-
reason.value[x]:valueCode">
254     <path value="Provenance.agent.who.extension.value[x]" />
255     <sliceName value="valueCode" />
256     <fixedCode value="unknown" />
257   </element>
258   <element id="Provenance.agent.who.reference">
259     <path value="Provenance.agent.who.reference" />
260     <max value="0" />
261   </element>
262   <element id="Provenance.agent.who.type">
263     <path value="Provenance.agent.who.type" />
264     <max value="0" />
265   </element>
266   <element id="Provenance.agent.who.identifier">

```

```
267     <path value="Provenance.agent.who.identifier" />
268     <max value="0" />
269 </element>
270 <element id="Provenance.agent.who.display">
271     <path value="Provenance.agent.who.display" />
272     <min value="1" />
273     <fixedString value="unknown" />
274 </element>
275 <element id="Provenance.agent.onBehalfOf">
276     <path value="Provenance.agent.onBehalfOf" />
277     <max value="0" />
278 </element>
279 <element id="Provenance.entity">
280     <path value="Provenance.entity" />
281     <max value="0" />
282 </element>
283 <element id="Provenance.signature">
284     <path value="Provenance.signature" />
285     <max value="0" />
286 </element>
287 </differential>
288 </StructureDefinition>
```

7. KBV_PR_MIO_VACCINATION_PATIENT

KBV_PR_MIO_Vaccination_Patient

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <meta>
3     <versionId value="1" />
4     <lastUpdated value="2021-01-18T11:21:50.473+00:00" />
5   </meta>
6   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient" />
7   <version value="1.1.0" />
8   <name value="KBV_PR_MIO_Vaccination_Patient" />
9   <status value="active" />
10  <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
11  <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
12  <fhirVersion value="4.0.1" />
13  <mapping>
14    <identity value="rim" />
15    <uri value="http://hl7.org/v3" />
16    <name value="RIM Mapping" />
17  </mapping>
18  <mapping>
19    <identity value="cda" />
20    <uri value="http://hl7.org/v3/cda" />
21    <name value="CDA (R2)" />
22  </mapping>
23  <mapping>
24    <identity value="w5" />
25    <uri value="http://hl7.org/fhir/fivews" />
26    <name value="FiveWs Pattern Mapping" />
27  </mapping>
28  <mapping>
29    <identity value="v2" />
30    <uri value="http://hl7.org/v2" />
31    <name value="HL7 v2 Mapping" />
32  </mapping>
33  <mapping>
34    <identity value="loinc" />
35    <uri value="http://loinc.org" />
36    <name value="LOINC code for the element" />
37  </mapping>
38  <kind value="resource" />
39  <abstract value="false" />
40  <type value="Patient" />
41  <baseDefinition value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_Base_Patient|1.1.1" />
42  <derivation value="constraint" />
43  <differential>
44    <element id="Patient">
45      <path value="Patient" />
46      <short value="PatientIn" />
47      <definition value="In diesem Profil können Daten der zu behandelnden
Personen eingetragen werden. Dies umfasst sowohl Personen mit gesetzlichem
Krankenversicherungshintergrund, als auch Personen, die einen anderen
Versicherungsschutz haben." />
48    </element>
```

```

49 <element id="Patient.meta">
50   <path value="Patient.meta" />
51   <min value="1" />
52 </element>
53 <element id="Patient.meta.versionId">
54   <path value="Patient.meta.versionId" />
55   <max value="0" />
56 </element>
57 <element id="Patient.meta.lastUpdated">
58   <path value="Patient.meta.lastUpdated" />
59   <max value="0" />
60 </element>
61 <element id="Patient.meta.source">
62   <path value="Patient.meta.source" />
63   <max value="0" />
64 </element>
65 <element id="Patient.meta.profile">
66   <path value="Patient.meta.profile" />
67   <min value="1" />
68   <max value="1" />
69   <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient|1.1.0" />
70 </element>
71 <element id="Patient.meta.security">
72   <path value="Patient.meta.security" />
73   <max value="0" />
74 </element>
75 <element id="Patient.meta.tag">
76   <path value="Patient.meta.tag" />
77   <max value="0" />
78 </element>
79 <element id="Patient.implicitRules">
80   <path value="Patient.implicitRules" />
81   <max value="0" />
82 </element>
83 <element id="Patient.language">
84   <path value="Patient.language" />
85   <max value="0" />
86 </element>
87 <element id="Patient.contained">
88   <path value="Patient.contained" />
89   <max value="0" />
90 </element>
91 <element id="Patient.identifier">
92   <path value="Patient.identifier" />
93   <min value="1" />
94   <mustSupport value="true" />
95 </element>
96 <element id="Patient.identifier:pid">
97   <path value="Patient.identifier" />
98   <sliceName value="pid" />
99   <mustSupport value="true" />
100 </element>
101 <element id="Patient.identifier:pid.type">
102   <path value="Patient.identifier.type" />
103   <mustSupport value="true" />
104 </element>
105 <element id="Patient.identifier:pid.type.coding">
106   <path value="Patient.identifier.type.coding" />
107   <slicing>

```

```

108     <discriminator>
109       <type value="value" />
110       <path value="system" />
111     </discriminator>
112     <rules value="open" />
113   </slicing>
114   <min value="1" />
115   <mustSupport value="true" />
116 </element>
117 <element id="Patient.identifier.pid.type.coding:MR-Type">
118   <path value="Patient.identifier.type.coding" />
119   <sliceName value="MR-Type" />
120 </element>
121 <element id="Patient.identifier.pid.type.coding:MR-Type.userSelected">
122   <path value="Patient.identifier.type.coding.userSelected" />
123   <max value="0" />
124 </element>
125 <element id="Patient.identifier.pid.type.text">
126   <path value="Patient.identifier.type.text" />
127   <max value="0" />
128 </element>
129 <element id="Patient.identifier.pid.system">
130   <path value="Patient.identifier.system" />
131   <mustSupport value="true" />
132 </element>
133 <element id="Patient.identifier.pid.value">
134   <path value="Patient.identifier.value" />
135   <mustSupport value="true" />
136 </element>
137 <element id="Patient.identifier.pid.period">
138   <path value="Patient.identifier.period" />
139   <max value="0" />
140 </element>
141 <element id="Patient.identifier.pid.assigner">
142   <path value="Patient.identifier.assigner" />
143   <max value="0" />
144 </element>
145 <element id="Patient.identifier.versichertenId_GKV">
146   <path value="Patient.identifier" />
147   <sliceName value="versichertenId_GKV" />
148   <mustSupport value="true" />
149 </element>
150 <element id="Patient.identifier.versichertenId_GKV.type">
151   <path value="Patient.identifier.type" />
152   <mustSupport value="true" />
153 </element>
154 <element id="Patient.identifier.versichertenId_GKV.type.coding">
155   <path value="Patient.identifier.type.coding" />
156   <max value="1" />
157   <mustSupport value="true" />
158 </element>
159 <element id="Patient.identifier.versichertenId_GKV.type.coding:GKV-
Type">
160   <path value="Patient.identifier.type.coding" />
161   <sliceName value="GKV-Type" />
162 </element>
163 <element id="Patient.identifier.versichertenId_GKV.type.coding:GKV-
Type.userSelected">
164   <path value="Patient.identifier.type.coding.userSelected" />
165   <max value="0" />

```

```

166 </element>
167 <element id="Patient.identifrier:versichertenId_GKV.type.text">
168   <path value="Patient.identifrier.type.text" />
169   <max value="0" />
170 </element>
171 <element id="Patient.identifrier:versichertenId_GKV.system">
172   <path value="Patient.identifrier.system" />
173   <mustSupport value="true" />
174 </element>
175 <element id="Patient.identifrier:versichertenId_GKV.value">
176   <path value="Patient.identifrier.value" />
177   <mustSupport value="true" />
178 </element>
179 <element id="Patient.identifrier:versichertenId_GKV.period">
180   <path value="Patient.identifrier.period" />
181   <max value="0" />
182 </element>
183 <element id="Patient.identifrier:versichertenId_GKV.assigner">
184   <path value="Patient.identifrier.assigner" />
185   <max value="0" />
186 </element>
187 <element id="Patient.identifrier:versichertennummer_pkv">
188   <path value="Patient.identifrier" />
189   <sliceName value="versichertennummer_pkv" />
190   <mustSupport value="true" />
191 </element>
192 <element id="Patient.identifrier:versichertennummer_pkv.type">
193   <path value="Patient.identifrier.type" />
194   <mustSupport value="true" />
195 </element>
196 <element id="Patient.identifrier:versichertennummer_pkv.type.coding">
197   <path value="Patient.identifrier.type.coding" />
198   <mustSupport value="true" />
199 </element>
200 <element id="Patient.identifrier:versichertennummer_pkv.type.coding:PKV-
Type">
201   <path value="Patient.identifrier.type.coding" />
202   <sliceName value="PKV-Type" />
203 </element>
204 <element id="Patient.identifrier:versichertennummer_pkv.type.coding:PKV-
Type.userSelected">
205   <path value="Patient.identifrier.type.coding.userSelected" />
206   <max value="0" />
207 </element>
208 <element id="Patient.identifrier:versichertennummer_pkv.type.text">
209   <path value="Patient.identifrier.type.text" />
210   <max value="0" />
211 </element>
212 <element id="Patient.identifrier:versichertennummer_pkv.value">
213   <path value="Patient.identifrier.value" />
214   <mustSupport value="true" />
215 </element>
216 <element id="Patient.identifrier:versichertennummer_pkv.assigner">
217   <path value="Patient.identifrier.assigner" />
218   <mustSupport value="true" />
219 </element>
220 <element id="Patient.identifrier:reisepassnummer">
221   <path value="Patient.identifrier" />
222   <sliceName value="reisepassnummer" />
223   <mustSupport value="true" />

```



```

224 </element>
225 <element id="Patient.identifier:reisepassnummer.type">
226   <path value="Patient.identifier.type" />
227   <mustSupport value="true" />
228 </element>
229 <element id="Patient.identifier:reisepassnummer.type.coding">
230   <path value="Patient.identifier.type.coding" />
231   <max value="1" />
232 </element>
233 <element id="Patient.identifier:reisepassnummer.type.coding.userSelecte
d">
234   <path value="Patient.identifier.type.coding.userSelected" />
235   <max value="0" />
236 </element>
237 <element id="Patient.identifier:reisepassnummer.type.text">
238   <path value="Patient.identifier.type.text" />
239   <max value="0" />
240 </element>
241 <element id="Patient.identifier:reisepassnummer.system">
242   <path value="Patient.identifier.system" />
243   <mustSupport value="true" />
244 </element>
245 <element id="Patient.identifier:reisepassnummer.value">
246   <path value="Patient.identifier.value" />
247   <mustSupport value="true" />
248 </element>
249 <element id="Patient.identifier:reisepassnummer.period">
250   <path value="Patient.identifier.period" />
251   <max value="0" />
252 </element>
253 <element id="Patient.identifier:reisepassnummer.assigner">
254   <path value="Patient.identifier.assigner" />
255   <max value="0" />
256 </element>
257 <element id="Patient.identifier:versichertenummer_kvkk">
258   <path value="Patient.identifier" />
259   <sliceName value="versichertenummer_kvkk" />
260   <mustSupport value="true" />
261 </element>
262 <element id="Patient.identifier:versichertenummer_kvkk.type">
263   <path value="Patient.identifier.type" />
264   <mustSupport value="true" />
265 </element>
266 <element id="Patient.identifier:versichertenummer_kvkk.type.coding">
267   <path value="Patient.identifier.type.coding" />
268   <max value="1" />
269 </element>
270 <element id="Patient.identifier:versichertenummer_kvkk.type.coding.user
Selected">
271   <path value="Patient.identifier.type.coding.userSelected" />
272   <max value="0" />
273 </element>
274 <element id="Patient.identifier:versichertenummer_kvkk.type.text">
275   <path value="Patient.identifier.type.text" />
276   <max value="0" />
277 </element>
278 <element id="Patient.identifier:versichertenummer_kvkk.system">
279   <path value="Patient.identifier.system" />
280   <mustSupport value="true" />
281 </element>

```

```

282 <element id="Patient.identifizier:versichertennummer_kv.k.value">
283   <path value="Patient.identifizier.value" />
284   <mustSupport value="true" />
285 </element>
286 <element id="Patient.identifizier:versichertennummer_kv.k.period">
287   <path value="Patient.identifizier.period" />
288   <max value="0" />
289 </element>
290 <element id="Patient.identifizier:versichertennummer_kv.k.assigner">
291   <path value="Patient.identifizier.assigner" />
292   <max value="0" />
293 </element>
294 <element id="Patient.active">
295   <path value="Patient.active" />
296   <max value="0" />
297 </element>
298 <element id="Patient.name">
299   <path value="Patient.name" />
300   <slicing>
301     <discriminator>
302       <type value="value" />
303       <path value="use" />
304     </discriminator>
305     <rules value="closed" />
306   </slicing>
307   <mustSupport value="true" />
308 </element>
309 <element id="Patient.name:name">
310   <path value="Patient.name" />
311   <sliceName value="name" />
312   <min value="1" />
313   <constraint>
314     <key value="Nachname" />
315     <severity value="error" />
316     <human value="Der Nachname darf nicht absolut leer sein" />
317     <expression value="family.extension('http://hl7.org/fhir/
StructureDefinition/humanname-own-name').valueString.length()>0" />
318     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient" />
319   </constraint>
320   <constraint>
321     <key value="Vorname" />
322     <severity value="error" />
323     <human value="Der Vorname darf nicht absolut leer sein" />
324     <expression value="given.length()>0" />
325     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient" />
326   </constraint>
327   <mustSupport value="true" />
328 </element>
329 <element id="Patient.name:name.text">
330   <path value="Patient.name.text" />
331   <definition value="Vollständiger Name mit allen Vorsatzwörtern,
Titeln und Namenszusätzen. Der vollständige Name soll alle Namensteile in
ihrer korrekten Reihenfolge abbilden." />
332   <mustSupport value="true" />
333 </element>
334 <element id="Patient.name:name.family">
335   <path value="Patient.name.family" />
336   <mustSupport value="true" />

```

```

337 </element>
338 <element id="Patient.name:name.family.extension">
339   <path value="Patient.name.family.extension" />
340   <slicing>
341     <discriminator>
342       <type value="value" />
343       <path value="url" />
344     </discriminator>
345     <rules value="open" />
346   </slicing>
347 </element>
348 <element id="Patient.name:name.family.extension:namenszusatz">
349   <path value="Patient.name.family.extension" />
350   <sliceName value="namenszusatz" />
351   <mustSupport value="true" />
352 </element>
353 <element id="Patient.name:name.family.extension:nachname">
354   <path value="Patient.name.family.extension" />
355   <sliceName value="nachname" />
356   <min value="1" />
357   <mustSupport value="true" />
358 </element>
359 <element id="Patient.name:name.family.extension:vorsatzwort">
360   <path value="Patient.name.family.extension" />
361   <sliceName value="vorsatzwort" />
362   <mustSupport value="true" />
363 </element>
364 <element id="Patient.name:name.given">
365   <path value="Patient.name.given" />
366   <mustSupport value="true" />
367 </element>
368 <element id="Patient.name:name.prefix">
369   <path value="Patient.name.prefix" />
370   <mustSupport value="true" />
371 </element>
372 <element id="Patient.name:name.suffix">
373   <path value="Patient.name.suffix" />
374   <max value="0" />
375 </element>
376 <element id="Patient.name:name.period">
377   <path value="Patient.name.period" />
378   <max value="0" />
379 </element>
380 <element id="Patient.name:geburtsname">
381   <path value="Patient.name" />
382   <sliceName value="geburtsname" />
383   <constraint>
384     <key value="Geburtsname" />
385     <severity value="error" />
386     <human value="Der Geburtsname darf nicht absolut leer sein" />
387     <expression value="family.extension('http://hl7.org/fhir/
StructureDefinition/humanname-own-name').valueString.length()>0" />
388     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient" />
389   </constraint>
390   <mustSupport value="true" />
391 </element>
392 <element id="Patient.name:geburtsname.family">
393   <path value="Patient.name.family" />
394   <mustSupport value="true" />

```

```

395 </element>
396 <element id="Patient.name.geburtsname.family.extension">
397   <path value="Patient.name.family.extension" />
398   <slicing>
399     <discriminator>
400       <type value="value" />
401       <path value="url" />
402     </discriminator>
403     <rules value="open" />
404   </slicing>
405 </element>
406 <element id="Patient.name.geburtsname.family.extension.namenszusatz">
407   <path value="Patient.name.family.extension" />
408   <sliceName value="namenszusatz" />
409   <mustSupport value="true" />
410 </element>
411 <element id="Patient.name.geburtsname.family.extension.nachname">
412   <path value="Patient.name.family.extension" />
413   <sliceName value="nachname" />
414   <mustSupport value="true" />
415 </element>
416 <element id="Patient.name.geburtsname.family.extension.vorsatzwort">
417   <path value="Patient.name.family.extension" />
418   <sliceName value="vorsatzwort" />
419   <mustSupport value="true" />
420 </element>
421 <element id="Patient.name.geburtsname.suffix">
422   <path value="Patient.name.suffix" />
423   <max value="0" />
424 </element>
425 <element id="Patient.name.geburtsname.period">
426   <path value="Patient.name.period" />
427   <max value="0" />
428 </element>
429 <element id="Patient.telecom">
430   <path value="Patient.telecom" />
431   <max value="0" />
432 </element>
433 <element id="Patient.gender">
434   <path value="Patient.gender" />
435   <mustSupport value="true" />
436 </element>
437 <element id="Patient.birthDate">
438   <path value="Patient.birthDate" />
439   <mustSupport value="true" />
440 </element>
441 <element id="Patient.deceased[x]">
442   <path value="Patient.deceased[x]" />
443   <max value="0" />
444 </element>
445 <element id="Patient.address">
446   <path value="Patient.address" />
447   <max value="0" />
448 </element>
449 <element id="Patient.maritalStatus">
450   <path value="Patient.maritalStatus" />
451   <max value="0" />
452 </element>
453 <element id="Patient.multipleBirth[x]">
454   <path value="Patient.multipleBirth[x]" />

```

```
455     <max value="0" />
456 </element>
457 <element id="Patient.photo">
458   <path value="Patient.photo" />
459   <max value="0" />
460 </element>
461 <element id="Patient.contact">
462   <path value="Patient.contact" />
463   <max value="0" />
464 </element>
465 <element id="Patient.communication">
466   <path value="Patient.communication" />
467   <max value="0" />
468 </element>
469 <element id="Patient.generalPractitioner">
470   <path value="Patient.generalPractitioner" />
471   <max value="0" />
472 </element>
473 <element id="Patient.managingOrganization">
474   <path value="Patient.managingOrganization" />
475   <max value="0" />
476 </element>
477 <element id="Patient.link">
478   <path value="Patient.link" />
479   <max value="0" />
480 </element>
481 </differential>
482 </StructureDefinition>
```

8. KBV_PR_MIO_VACCINATION_ORGANIZATION

KBV_PR_MIO_Vaccination_Organization

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Organization" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Organization" />
5   <status value="active" />
6   <fhirVersion value="4.0.1" />
7   <mapping>
8     <identity value="v2" />
9     <uri value="http://hl7.org/v2" />
10    <name value="HL7 v2 Mapping" />
11  </mapping>
12  <mapping>
13    <identity value="rim" />
14    <uri value="http://hl7.org/v3" />
15    <name value="RIM Mapping" />
16  </mapping>
17  <mapping>
18    <identity value="servd" />
19    <uri value="http://www.omg.org/spec/ServD/1.0/" />
20    <name value="ServD" />
21  </mapping>
22  <mapping>
23    <identity value="w5" />
24    <uri value="http://hl7.org/fhir/fivews" />
25    <name value="FiveWs Pattern Mapping" />
26  </mapping>
27  <kind value="resource" />
28  <abstract value="false" />
29  <type value="Organization" />
30  <baseDefinition value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_Base_Organization|1.1.1" />
31  <derivation value="constraint" />
32  <differential>
33    <element id="Organization">
34      <path value="Organization" />
35      <short value="Organisation" />
36      <definition value="In diesem Profil können strukturelle Daten zu
einer Organisation hinterlegt werden. Beispielhaft wäre eine ärztliche
Praxis zu nennen, in der eine behandelnde Person tätig ist." />
37    </element>
38    <element id="Organization.meta">
39      <path value="Organization.meta" />
40      <min value="1" />
41    </element>
42    <element id="Organization.meta.versionId">
43      <path value="Organization.meta.versionId" />
44      <max value="0" />
45    </element>
46    <element id="Organization.meta.lastUpdated">
47      <path value="Organization.meta.lastUpdated" />
48      <max value="0" />
49    </element>
50    <element id="Organization.meta.source">
```

```

51     <path value="Organization.meta.source" />
52     <max value="0" />
53 </element>
54 <element id="Organization.meta.profile">
55     <path value="Organization.meta.profile" />
56     <min value="1" />
57     <max value="1" />
58     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Organization|1.1.0" />
59 </element>
60 <element id="Organization.meta.security">
61     <path value="Organization.meta.security" />
62     <max value="0" />
63 </element>
64 <element id="Organization.meta.tag">
65     <path value="Organization.meta.tag" />
66     <max value="0" />
67 </element>
68 <element id="Organization.implicitRules">
69     <path value="Organization.implicitRules" />
70     <max value="0" />
71 </element>
72 <element id="Organization.language">
73     <path value="Organization.language" />
74     <max value="0" />
75 </element>
76 <element id="Organization.contained">
77     <path value="Organization.contained" />
78     <max value="0" />
79 </element>
80 <element id="Organization.extension">
81     <path value="Organization.extension" />
82     <slicing>
83         <discriminator>
84             <type value="value" />
85             <path value="url" />
86         </discriminator>
87         <rules value="open" />
88     </slicing>
89 </element>
90 <element id="Organization.extension:ergaenzende_Angaben">
91     <path value="Organization.extension" />
92     <sliceName value="ergaenzende_Angaben" />
93     <mustSupport value="true" />
94 </element>
95 <element id="Organization.identifier">
96     <path value="Organization.identifier" />
97     <slicing>
98         <discriminator>
99             <type value="value" />
100             <path value="type.coding.code" />
101         </discriminator>
102         <rules value="closed" />
103     </slicing>
104     <max value="1" />
105     <mustSupport value="true" />
106 </element>
107 <element id="Organization.identifier:Institutionskennzeichen">
108     <path value="Organization.identifier" />
109     <sliceName value="Institutionskennzeichen" />

```

```

110     <max value="1" />
111     <mustSupport value="true" />
112 </element>
113 <element id="Organization.identifier:Institutionskennzeichen.type">
114     <path value="Organization.identifier.type" />
115     <mustSupport value="true" />
116 </element>
117 <element id="Organization.identifier:Institutionskennzeichen.type.coding">
118     <path value="Organization.identifier.type.coding" />
119     <mustSupport value="true" />
120 </element>
121 <element id="Organization.identifier:Institutionskennzeichen.type.coding:XX-Type">
122     <path value="Organization.identifier.type.coding" />
123     <sliceName value="XX-Type" />
124     <mustSupport value="true" />
125 </element>
126 <element id="Organization.identifier:Institutionskennzeichen.type.coding:XX-Type.userSelected">
127     <path value="Organization.identifier.type.coding.userSelected" />
128     <max value="0" />
129 </element>
130 <element id="Organization.identifier:Institutionskennzeichen.type.text">
131     <path value="Organization.identifier.type.text" />
132     <max value="0" />
133 </element>
134 <element id="Organization.identifier:Institutionskennzeichen.system">
135     <path value="Organization.identifier.system" />
136     <mustSupport value="true" />
137 </element>
138 <element id="Organization.identifier:Institutionskennzeichen.value">
139     <path value="Organization.identifier.value" />
140     <mustSupport value="true" />
141 </element>
142 <element id="Organization.identifier:Institutionskennzeichen.period">
143     <path value="Organization.identifier.period" />
144     <max value="0" />
145 </element>
146 <element id="Organization.identifier:Institutionskennzeichen.assigner">
147     <path value="Organization.identifier.assigner" />
148     <max value="0" />
149 </element>
150 <element id="Organization.identifier:Betriebsstaettennummer">
151     <path value="Organization.identifier" />
152     <sliceName value="Betriebsstaettennummer" />
153     <mustSupport value="true" />
154 </element>
155 <element id="Organization.identifier:Betriebsstaettennummer.type">
156     <path value="Organization.identifier.type" />
157     <mustSupport value="true" />
158 </element>
159 <element id="Organization.identifier:Betriebsstaettennummer.type.coding">
160     <path value="Organization.identifier.type.coding" />
161     <mustSupport value="true" />
162 </element>
163 <element id="Organization.identifier:Betriebsstaettennummer.type.coding:BSNR-Type">
164     <path value="Organization.identifier.type.coding" />

```



```

165     <sliceName value="BSNR-Type" />
166     <mustSupport value="true" />
167 </element>
168 <element id="Organization.identifier:Betriebsstaettennummer.type.coding
:BSNR-Type.userSelected">
169     <path value="Organization.identifier.type.coding.userSelected" />
170     <max value="0" />
171 </element>
172 <element id="Organization.identifier:Betriebsstaettennummer.type.text">
173     <path value="Organization.identifier.type.text" />
174     <max value="0" />
175 </element>
176 <element id="Organization.identifier:Betriebsstaettennummer.system">
177     <path value="Organization.identifier.system" />
178     <mustSupport value="true" />
179 </element>
180 <element id="Organization.identifier:Betriebsstaettennummer.value">
181     <path value="Organization.identifier.value" />
182     <mustSupport value="true" />
183 </element>
184 <element id="Organization.identifier:Betriebsstaettennummer.period">
185     <path value="Organization.identifier.period" />
186     <max value="0" />
187 </element>
188 <element id="Organization.identifier:Betriebsstaettennummer.assigner">
189     <path value="Organization.identifier.assigner" />
190     <max value="0" />
191 </element>
192 <element id="Organization.identifier:VKNR">
193     <path value="Organization.identifier" />
194     <sliceName value="VKNR" />
195     <max value="0" />
196 </element>
197 <element id="Organization.identifier:KZV-Abrechnungsnummer">
198     <path value="Organization.identifier" />
199     <sliceName value="KZV-Abrechnungsnummer" />
200     <max value="0" />
201 </element>
202 <element id="Organization.active">
203     <path value="Organization.active" />
204     <max value="0" />
205 </element>
206 <element id="Organization.type">
207     <path value="Organization.type" />
208     <max value="0" />
209 </element>
210 <element id="Organization.name">
211     <path value="Organization.name" />
212     <min value="1" />
213     <mustSupport value="true" />
214 </element>
215 <element id="Organization.alias">
216     <path value="Organization.alias" />
217     <max value="0" />
218 </element>
219 <element id="Organization.telecom">
220     <path value="Organization.telecom" />
221     <mustSupport value="true" />
222 </element>
223 <element id="Organization.telecom.system">

```

```

224     <path value="Organization.telecom.system" />
225     <mustSupport value="true" />
226 </element>
227 <element id="Organization.telecom.value">
228     <path value="Organization.telecom.value" />
229     <mustSupport value="true" />
230 </element>
231 <element id="Organization.telecom.use">
232     <path value="Organization.telecom.use" />
233     <max value="0" />
234 </element>
235 <element id="Organization.telecom.rank">
236     <path value="Organization.telecom.rank" />
237     <max value="0" />
238 </element>
239 <element id="Organization.telecom.period">
240     <path value="Organization.telecom.period" />
241     <max value="0" />
242 </element>
243 <element id="Organization.address">
244     <path value="Organization.address" />
245     <licing>
246         <discriminator>
247             <type value="value" />
248             <path value="type" />
249         </discriminator>
250         <rules value="closed" />
251     </licing>
252     <min value="1" />
253     <type>
254         <code value="Address" />
255         <profile value="http://fhir.de/StructureDefinition/address-de-
basis" />
256     </type>
257     <mustSupport value="true" />
258 </element>
259 <element id="Organization.address:Strassenanschrift">
260     <path value="Organization.address" />
261     <sliceName value="Strassenanschrift" />
262     <min value="1" />
263     <mustSupport value="true" />
264 </element>
265 <element id="Organization.address:Strassenanschrift.extension">
266     <path value="Organization.address.extension" />
267     <licing>
268         <discriminator>
269             <type value="value" />
270             <path value="url" />
271         </discriminator>
272         <rules value="open" />
273     </licing>
274 </element>
275 <element id="Organization.address:Strassenanschrift.extension:Stadtteil
">
276     <path value="Organization.address.extension" />
277     <sliceName value="Stadtteil" />
278     <mustSupport value="true" />
279 </element>
280 <element id="Organization.address:Strassenanschrift.use">
281     <path value="Organization.address.use" />

```

```

282     <max value="0" />
283 </element>
284 <element id="Organization.address.Strassenanschrift.line.extension">
285   <path value="Organization.address.line.extension" />
286   <slicing>
287     <discriminator>
288       <type value="value" />
289       <path value="url" />
290     </discriminator>
291     <rules value="open" />
292   </slicing>
293 </element>
294 <element id="Organization.address.Strassenanschrift.line.extension:Strasse">
295   <path value="Organization.address.line.extension" />
296   <sliceName value="Strasse" />
297   <mustSupport value="true" />
298 </element>
299 <element id="Organization.address.Strassenanschrift.line.extension:Hausnummer">
300   <path value="Organization.address.line.extension" />
301   <sliceName value="Hausnummer" />
302   <mustSupport value="true" />
303 </element>
304 <element id="Organization.address.Strassenanschrift.line.extension:Adresszusatz">
305   <path value="Organization.address.line.extension" />
306   <sliceName value="Adresszusatz" />
307   <mustSupport value="true" />
308 </element>
309 <element id="Organization.address.Strassenanschrift.city">
310   <path value="Organization.address.city" />
311   <min value="1" />
312   <mustSupport value="true" />
313 </element>
314 <element id="Organization.address.Strassenanschrift.postalCode">
315   <path value="Organization.address.postalCode" />
316   <min value="1" />
317   <mustSupport value="true" />
318 </element>
319 <element id="Organization.address.Strassenanschrift.country">
320   <path value="Organization.address.country" />
321   <min value="1" />
322   <mustSupport value="true" />
323 </element>
324 <element id="Organization.address.Strassenanschrift.period">
325   <path value="Organization.address.period" />
326   <max value="0" />
327 </element>
328 <element id="Organization.address.Postfach">
329   <path value="Organization.address" />
330   <sliceName value="Postfach" />
331   <mustSupport value="true" />
332 </element>
333 <element id="Organization.address.Postfach.extension">
334   <path value="Organization.address.extension" />
335   <slicing>
336     <discriminator>
337       <type value="value" />
338       <path value="url" />

```

```

339     </discriminator>
340     <rules value="open" />
341   </slicing>
342 </element>
343 <element id="Organization.address.Postfach.extension:Stadtteil">
344   <path value="Organization.address.extension" />
345   <sliceName value="Stadtteil" />
346   <mustSupport value="true" />
347 </element>
348 <element id="Organization.address.Postfach.use">
349   <path value="Organization.address.use" />
350   <max value="0" />
351 </element>
352 <element id="Organization.address.Postfach.text">
353   <path value="Organization.address.text" />
354   <max value="0" />
355 </element>
356 <element id="Organization.address.Postfach.city">
357   <path value="Organization.address.city" />
358   <mustSupport value="true" />
359 </element>
360 <element id="Organization.address.Postfach.state">
361   <path value="Organization.address.state" />
362   <max value="0" />
363 </element>
364 <element id="Organization.address.Postfach.postalCode">
365   <path value="Organization.address.postalCode" />
366   <mustSupport value="true" />
367 </element>
368 <element id="Organization.address.Postfach.country">
369   <path value="Organization.address.country" />
370   <min value="1" />
371   <mustSupport value="true" />
372 </element>
373 <element id="Organization.address.Postfach.period">
374   <path value="Organization.address.period" />
375   <max value="0" />
376 </element>
377 <element id="Organization.partOf">
378   <path value="Organization.partOf" />
379   <max value="0" />
380 </element>
381 <element id="Organization.contact">
382   <path value="Organization.contact" />
383   <max value="0" />
384 </element>
385 <element id="Organization.endpoint">
386   <path value="Organization.endpoint" />
387   <max value="0" />
388 </element>
389 </differential>
390 </StructureDefinition>

```

9. KBV_PR_MIO_VACCINATION_ORGANIZATION_ADDENDUM

KBV_PR_MIO_Vaccination_Organization_Addendum

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Organization_Addendum" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Organization_Addendum" />
5   <status value="active" />
6   <fhirVersion value="4.0.1" />
7   <mapping>
8     <identity value="v2" />
9     <uri value="http://hl7.org/v2" />
10    <name value="HL7 v2 Mapping" />
11  </mapping>
12  <mapping>
13    <identity value="rim" />
14    <uri value="http://hl7.org/v3" />
15    <name value="RIM Mapping" />
16  </mapping>
17  <mapping>
18    <identity value="servd" />
19    <uri value="http://www.omg.org/spec/ServD/1.0/" />
20    <name value="ServD" />
21  </mapping>
22  <mapping>
23    <identity value="w5" />
24    <uri value="http://hl7.org/fhir/fivews" />
25    <name value="FiveWs Pattern Mapping" />
26  </mapping>
27  <kind value="resource" />
28  <abstract value="false" />
29  <type value="Organization" />
30  <baseDefinition value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_Base_Organization|1.1.1" />
31  <derivation value="constraint" />
32  <differential>
33    <element id="Organization">
34      <path value="Organization" />
35      <short value="Organisation im Szenario Daten nachtragen" />
36      <definition value="In diesem Profil können strukturelle Daten zu
einer Organisation im Szenario Daten Nachtragen erhoben werden.
Beispielhaft wäre eine ärztliche Praxis zu nennen, in der eine behandelnde
Person tätig ist." />
37    </element>
38    <element id="Organization.meta">
39      <path value="Organization.meta" />
40      <min value="1" />
41    </element>
42    <element id="Organization.meta.versionId">
43      <path value="Organization.meta.versionId" />
44      <max value="0" />
45    </element>
46    <element id="Organization.meta.lastUpdated">
47      <path value="Organization.meta.lastUpdated" />
48      <max value="0" />
49    </element>
```

```

50 <element id="Organization.meta.source">
51   <path value="Organization.meta.source" />
52   <max value="0" />
53 </element>
54 <element id="Organization.meta.profile">
55   <path value="Organization.meta.profile" />
56   <min value="1" />
57   <max value="1" />
58   <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Organization_Addendum|1.1.0" />
59 </element>
60 <element id="Organization.meta.security">
61   <path value="Organization.meta.security" />
62   <max value="0" />
63 </element>
64 <element id="Organization.meta.tag">
65   <path value="Organization.meta.tag" />
66   <max value="0" />
67 </element>
68 <element id="Organization.implicitRules">
69   <path value="Organization.implicitRules" />
70   <max value="0" />
71 </element>
72 <element id="Organization.language">
73   <path value="Organization.language" />
74   <max value="0" />
75 </element>
76 <element id="Organization.contained">
77   <path value="Organization.contained" />
78   <max value="0" />
79 </element>
80 <element id="Organization.extension">
81   <path value="Organization.extension" />
82   <licing>
83     <discriminator>
84       <type value="value" />
85       <path value="url" />
86     </discriminator>
87     <rules value="open" />
88   </licing>
89 </element>
90 <element id="Organization.extension:ergaenzende_Angaben">
91   <path value="Organization.extension" />
92   <sliceName value="ergaenzende_Angaben" />
93   <mustSupport value="true" />
94 </element>
95 <element id="Organization.identifier">
96   <path value="Organization.identifier" />
97   <licing>
98     <discriminator>
99       <type value="value" />
100      <path value="type.coding.code" />
101     </discriminator>
102     <rules value="closed" />
103   </licing>
104   <max value="1" />
105   <mustSupport value="true" />
106 </element>
107 <element id="Organization.identifier:Institutionskennzeichen">
108   <path value="Organization.identifier" />

```

```

109     <sliceName value="Institutionskennzeichen" />
110     <max value="1" />
111     <mustSupport value="true" />
112 </element>
113 <element id="Organization.identifier.Institutionskennzeichen.type">
114     <path value="Organization.identifier.type" />
115     <mustSupport value="true" />
116 </element>
117 <element id="Organization.identifier.Institutionskennzeichen.type.coding:XX-Type">
118     <path value="Organization.identifier.type.coding" />
119     <sliceName value="XX-Type" />
120 </element>
121 <element id="Organization.identifier.Institutionskennzeichen.type.coding:XX-Type.userSelected">
122     <path value="Organization.identifier.type.coding.userSelected" />
123     <max value="0" />
124 </element>
125 <element id="Organization.identifier.Institutionskennzeichen.type.text">
126     <path value="Organization.identifier.type.text" />
127     <max value="0" />
128 </element>
129 <element id="Organization.identifier.Institutionskennzeichen.system">
130     <path value="Organization.identifier.system" />
131     <mustSupport value="true" />
132 </element>
133 <element id="Organization.identifier.Institutionskennzeichen.value">
134     <path value="Organization.identifier.value" />
135     <mustSupport value="true" />
136 </element>
137 <element id="Organization.identifier.Institutionskennzeichen.period">
138     <path value="Organization.identifier.period" />
139     <max value="0" />
140 </element>
141 <element id="Organization.identifier.Institutionskennzeichen.assigner">
142     <path value="Organization.identifier.assigner" />
143     <max value="0" />
144 </element>
145 <element id="Organization.identifier.Betriebsstaettennummer">
146     <path value="Organization.identifier" />
147     <sliceName value="Betriebsstaettennummer" />
148     <mustSupport value="true" />
149 </element>
150 <element id="Organization.identifier.Betriebsstaettennummer.type">
151     <path value="Organization.identifier.type" />
152     <mustSupport value="true" />
153 </element>
154 <element id="Organization.identifier.Betriebsstaettennummer.type.coding:BSNR-Type">
155     <path value="Organization.identifier.type.coding" />
156     <sliceName value="BSNR-Type" />
157 </element>
158 <element id="Organization.identifier.Betriebsstaettennummer.type.coding:BSNR-Type.userSelected">
159     <path value="Organization.identifier.type.coding.userSelected" />
160     <max value="0" />
161 </element>
162 <element id="Organization.identifier.Betriebsstaettennummer.type.text">
163     <path value="Organization.identifier.type.text" />
164     <max value="0" />

```

```

165 </element>
166 <element id="Organization.identifier:Betriebsstaettennummer.system">
167   <path value="Organization.identifier.system" />
168   <mustSupport value="true" />
169 </element>
170 <element id="Organization.identifier:Betriebsstaettennummer.value">
171   <path value="Organization.identifier.value" />
172   <mustSupport value="true" />
173 </element>
174 <element id="Organization.identifier:Betriebsstaettennummer.period">
175   <path value="Organization.identifier.period" />
176   <max value="0" />
177 </element>
178 <element id="Organization.identifier:Betriebsstaettennummer.assigner">
179   <path value="Organization.identifier.assigner" />
180   <max value="0" />
181 </element>
182 <element id="Organization.identifier:VKNR">
183   <path value="Organization.identifier" />
184   <sliceName value="VKNR" />
185   <max value="0" />
186 </element>
187 <element id="Organization.identifier:KZV-Abrechnungsnummer">
188   <path value="Organization.identifier" />
189   <sliceName value="KZV-Abrechnungsnummer" />
190   <max value="0" />
191 </element>
192 <element id="Organization.active">
193   <path value="Organization.active" />
194   <max value="0" />
195 </element>
196 <element id="Organization.type">
197   <path value="Organization.type" />
198   <max value="0" />
199 </element>
200 <element id="Organization.name">
201   <path value="Organization.name" />
202   <min value="1" />
203   <mustSupport value="true" />
204 </element>
205 <element id="Organization.alias">
206   <path value="Organization.alias" />
207   <max value="0" />
208 </element>
209 <element id="Organization.telecom">
210   <path value="Organization.telecom" />
211   <mustSupport value="true" />
212 </element>
213 <element id="Organization.telecom.use">
214   <path value="Organization.telecom.use" />
215   <max value="0" />
216 </element>
217 <element id="Organization.telecom.rank">
218   <path value="Organization.telecom.rank" />
219   <max value="0" />
220 </element>
221 <element id="Organization.telecom.period">
222   <path value="Organization.telecom.period" />
223   <max value="0" />
224 </element>

```



```

225 <element id="Organization.address">
226   <path value="Organization.address" />
227   <slicing>
228     <discriminator>
229       <type value="value" />
230       <path value="type" />
231     </discriminator>
232     <rules value="closed" />
233   </slicing>
234   <max value="1" />
235   <type>
236     <code value="Address" />
237     <profile value="http://fhir.de/StructureDefinition/address-de-
238 basis" />
239   </type>
240   <mustSupport value="true" />
241 </element>
242 <element id="Organization.address:Strassenanschrift">
243   <path value="Organization.address" />
244   <sliceName value="Strassenanschrift" />
245   <mustSupport value="true" />
246 </element>
247 <element id="Organization.address:Strassenanschrift.use">
248   <path value="Organization.address.use" />
249   <max value="0" />
250 </element>
251 <element id="Organization.address:Strassenanschrift.postalCode">
252   <path value="Organization.address.postalCode" />
253   <mustSupport value="true" />
254 </element>
255 <element id="Organization.address:Strassenanschrift.country">
256   <path value="Organization.address.country" />
257   <min value="1" />
258 </element>
259 <element id="Organization.address:Strassenanschrift.period">
260   <path value="Organization.address.period" />
261   <max value="0" />
262 </element>
263 <element id="Organization.address:Postfach">
264   <path value="Organization.address" />
265   <sliceName value="Postfach" />
266   <mustSupport value="true" />
267 </element>
268 <element id="Organization.address:Postfach.use">
269   <path value="Organization.address.use" />
270   <max value="0" />
271 </element>
272 <element id="Organization.address:Postfach.text">
273   <path value="Organization.address.text" />
274   <max value="0" />
275 </element>
276 <element id="Organization.address:Postfach.state">
277   <path value="Organization.address.state" />
278   <max value="0" />
279 </element>
280 <element id="Organization.address:Postfach.country">
281   <path value="Organization.address.country" />
282   <min value="1" />
283 </element>
284 <element id="Organization.address:Postfach.period">

```

```
284     <path value="Organization.address.period" />
285     <max value="0" />
286 </element>
287 <element id="Organization.partOf">
288     <path value="Organization.partOf" />
289     <max value="0" />
290 </element>
291 <element id="Organization.contact">
292     <path value="Organization.contact" />
293     <max value="0" />
294 </element>
295 <element id="Organization.endpoint">
296     <path value="Organization.endpoint" />
297     <max value="0" />
298 </element>
299 </differential>
300 </StructureDefinition>
```

10. KBV_PR_MIO_VACCINATION_PRACTITIONER

KBV_PR_MIO_Vaccination_Practitioner

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Practitioner" />
5   <status value="active" />
6   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
7   <fhirVersion value="4.0.1" />
8   <mapping>
9     <identity value="v2" />
10    <uri value="http://hl7.org/v2" />
11    <name value="HL7 v2 Mapping" />
12  </mapping>
13  <mapping>
14    <identity value="rim" />
15    <uri value="http://hl7.org/v3" />
16    <name value="RIM Mapping" />
17  </mapping>
18  <mapping>
19    <identity value="servd" />
20    <uri value="http://www.omg.org/spec/ServD/1.0/" />
21    <name value="ServD" />
22  </mapping>
23  <mapping>
24    <identity value="w5" />
25    <uri value="http://hl7.org/fhir/fivews" />
26    <name value="FiveWs Pattern Mapping" />
27  </mapping>
28  <kind value="resource" />
29  <abstract value="false" />
30  <type value="Practitioner" />
31  <baseDefinition value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_Base_Practitioner|1.1.1" />
32  <derivation value="constraint" />
33  <differential>
34    <element id="Practitioner">
35      <path value="Practitioner" />
36      <short value="Pratitioner" />
37      <definition value="Mit diesem Profil können sowohl ärztliche als auch
nicht-ärztliche behandelnde Personen abgebildet werden. Es sind diverse
Identifizierer (Identifikatoren) zur Abdeckung dieser Bandbreite vorgesehen." /
>
38    </element>
39    <element id="Practitioner.meta">
40      <path value="Practitioner.meta" />
41      <min value="1" />
42    </element>
43    <element id="Practitioner.meta.versionId">
44      <path value="Practitioner.meta.versionId" />
45      <max value="0" />
46    </element>
47    <element id="Practitioner.meta.lastUpdated">
48      <path value="Practitioner.meta.lastUpdated" />
```

```

49     <max value="0" />
50 </element>
51 <element id="Practitioner.meta.source">
52     <path value="Practitioner.meta.source" />
53     <max value="0" />
54 </element>
55 <element id="Practitioner.meta.profile">
56     <path value="Practitioner.meta.profile" />
57     <min value="1" />
58     <max value="1" />
59     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner|1.1.0" />
60 </element>
61 <element id="Practitioner.meta.security">
62     <path value="Practitioner.meta.security" />
63     <max value="0" />
64 </element>
65 <element id="Practitioner.meta.tag">
66     <path value="Practitioner.meta.tag" />
67     <max value="0" />
68 </element>
69 <element id="Practitioner.implicitRules">
70     <path value="Practitioner.implicitRules" />
71     <max value="0" />
72 </element>
73 <element id="Practitioner.language">
74     <path value="Practitioner.language" />
75     <max value="0" />
76 </element>
77 <element id="Practitioner.contained">
78     <path value="Practitioner.contained" />
79     <max value="0" />
80 </element>
81 <element id="Practitioner.extension">
82     <path value="Practitioner.extension" />
83     <slicing>
84         <discriminator>
85             <type value="value" />
86             <path value="url" />
87         </discriminator>
88         <rules value="open" />
89     </slicing>
90 </element>
91 <element id="Practitioner.extension:ergaenzende_Angaben">
92     <path value="Practitioner.extension" />
93     <sliceName value="ergaenzende_Angaben" />
94     <mustSupport value="true" />
95 </element>
96 <element id="Practitioner.identififier">
97     <path value="Practitioner.identififier" />
98     <min value="1" />
99     <max value="1" />
100 </element>
101 <element id="Practitioner.identififier:ANR">
102     <path value="Practitioner.identififier" />
103     <sliceName value="ANR" />
104     <mustSupport value="true" />
105 </element>
106 <element id="Practitioner.identififier:ANR.type">
107     <path value="Practitioner.identififier.type" />

```

```

108     <mustSupport value="true" />
109 </element>
110 <element id="Practitioner.identifier:ANR.type.coding">
111     <path value="Practitioner.identifier.type.coding" />
112     <mustSupport value="true" />
113 </element>
114 <element id="Practitioner.identifier:ANR.type.coding:LANR-Type">
115     <path value="Practitioner.identifier.type.coding" />
116     <sliceName value="LANR-Type" />
117     <mustSupport value="true" />
118 </element>
119 <element id="Practitioner.identifier:ANR.type.coding:LANR-
Type.userSelected">
120     <path value="Practitioner.identifier.type.coding.userSelected" />
121     <max value="0" />
122 </element>
123 <element id="Practitioner.identifier:ANR.type.text">
124     <path value="Practitioner.identifier.type.text" />
125     <max value="0" />
126 </element>
127 <element id="Practitioner.identifier:ANR.system">
128     <path value="Practitioner.identifier.system" />
129     <mustSupport value="true" />
130 </element>
131 <element id="Practitioner.identifier:ANR.value">
132     <path value="Practitioner.identifier.value" />
133     <mustSupport value="true" />
134 </element>
135 <element id="Practitioner.identifier:ANR.period">
136     <path value="Practitioner.identifier.period" />
137     <max value="0" />
138 </element>
139 <element id="Practitioner.identifier:ANR.assigner">
140     <path value="Practitioner.identifier.assigner" />
141     <max value="0" />
142 </element>
143 <element id="Practitioner.identifier:EFN">
144     <path value="Practitioner.identifier" />
145     <sliceName value="EFN" />
146     <mustSupport value="true" />
147 </element>
148 <element id="Practitioner.identifier:EFN.type">
149     <path value="Practitioner.identifier.type" />
150     <mustSupport value="true" />
151 </element>
152 <element id="Practitioner.identifier:EFN.type.coding">
153     <path value="Practitioner.identifier.type.coding" />
154     <mustSupport value="true" />
155 </element>
156 <element id="Practitioner.identifier:EFN.type.coding:DN-Type">
157     <path value="Practitioner.identifier.type.coding" />
158     <sliceName value="DN-Type" />
159     <mustSupport value="true" />
160 </element>
161 <element id="Practitioner.identifier:EFN.type.coding:DN-
Type.userSelected">
162     <path value="Practitioner.identifier.type.coding.userSelected" />
163     <max value="0" />
164 </element>
165 <element id="Practitioner.identifier:EFN.type.text">

```

```

166     <path value="Practitioner.identifier.type.text" />
167     <max value="0" />
168 </element>
169 <element id="Practitioner.identifier:EFN.period">
170     <path value="Practitioner.identifier.period" />
171     <max value="0" />
172 </element>
173 <element id="Practitioner.identifier:EFN.assigner">
174     <path value="Practitioner.identifier.assigner" />
175     <max value="0" />
176 </element>
177 <element id="Practitioner.identifier:id">
178     <path value="Practitioner.identifier" />
179     <sliceName value="id" />
180     <short value="Identifikator" />
181     <definition value="Nicht näher spezifizierter Identifikator einer
nicht ärztlichen, behandelnden Person." />
182     <max value="1" />
183     <mustSupport value="true" />
184 </element>
185 <element id="Practitioner.identifier:id.use">
186     <path value="Practitioner.identifier.use" />
187     <max value="0" />
188 </element>
189 <element id="Practitioner.identifier:id.type">
190     <path value="Practitioner.identifier.type" />
191     <min value="1" />
192     <mustSupport value="true" />
193 </element>
194 <element id="Practitioner.identifier:id.type.coding">
195     <path value="Practitioner.identifier.type.coding" />
196     <min value="1" />
197     <max value="1" />
198 </element>
199 <element id="Practitioner.identifier:id.type.coding.system">
200     <path value="Practitioner.identifier.type.coding.system" />
201     <min value="1" />
202     <fixedUri value="http://terminology.hl7.org/CodeSystem/v2-0203" />
203 </element>
204 <element id="Practitioner.identifier:id.type.coding.code">
205     <path value="Practitioner.identifier.type.coding.code" />
206     <min value="1" />
207     <fixedCode value="ESN" />
208 </element>
209 <element id="Practitioner.identifier:id.type.coding.userSelected">
210     <path value="Practitioner.identifier.type.coding.userSelected" />
211     <max value="0" />
212 </element>
213 <element id="Practitioner.identifier:id.type.text">
214     <path value="Practitioner.identifier.type.text" />
215     <max value="0" />
216 </element>
217 <element id="Practitioner.identifier:id.value">
218     <path value="Practitioner.identifier.value" />
219     <min value="1" />
220     <mustSupport value="true" />
221 </element>
222 <element id="Practitioner.identifier:id.period">
223     <path value="Practitioner.identifier.period" />
224     <max value="0" />

```

```

225 </element>
226 <element id="Practitioner.identifier:id.assigner">
227   <path value="Practitioner.identifier.assigner" />
228   <max value="0" />
229 </element>
230 <element id="Practitioner.active">
231   <path value="Practitioner.active" />
232   <max value="0" />
233 </element>
234 <element id="Practitioner.name">
235   <path value="Practitioner.name" />
236   <slicing>
237     <discriminator>
238       <type value="value" />
239       <path value="use" />
240     </discriminator>
241     <rules value="closed" />
242   </slicing>
243   <mustSupport value="true" />
244 </element>
245 <element id="Practitioner.name:name">
246   <path value="Practitioner.name" />
247   <sliceName value="name" />
248   <min value="1" />
249   <constraint>
250     <key value="Nachname" />
251     <severity value="error" />
252     <human value="Der Nachname darf nicht absolut leer sein" />
253     <expression value="family.extension('http://hl7.org/fhir/
StructureDefinition/humanname-own-name').valueString.length()>0" />
254     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner" />
255   </constraint>
256   <constraint>
257     <key value="Vorname" />
258     <severity value="error" />
259     <human value="Der Vorname darf nicht absolut leer sein" />
260     <expression value="given.length()>0" />
261     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner" />
262   </constraint>
263   <mustSupport value="true" />
264 </element>
265 <element id="Practitioner.name:name.text">
266   <path value="Practitioner.name.text" />
267   <mustSupport value="true" />
268 </element>
269 <element id="Practitioner.name:name.family">
270   <path value="Practitioner.name.family" />
271   <mustSupport value="true" />
272 </element>
273 <element id="Practitioner.name:name.family.extension">
274   <path value="Practitioner.name.family.extension" />
275   <slicing>
276     <discriminator>
277       <type value="value" />
278       <path value="url" />
279     </discriminator>
280     <rules value="open" />
281   </slicing>

```

```

282 </element>
283 <element id="Practitioner.name.name.family.extension:namenszusatz">
284   <path value="Practitioner.name.family.extension" />
285   <sliceName value="namenszusatz" />
286   <mustSupport value="true" />
287 </element>
288 <element id="Practitioner.name.name.family.extension:nachname">
289   <path value="Practitioner.name.family.extension" />
290   <sliceName value="nachname" />
291   <min value="1" />
292   <mustSupport value="true" />
293 </element>
294 <element id="Practitioner.name.name.family.extension:vorsatzwort">
295   <path value="Practitioner.name.family.extension" />
296   <sliceName value="vorsatzwort" />
297   <mustSupport value="true" />
298 </element>
299 <element id="Practitioner.name.name.given">
300   <path value="Practitioner.name.given" />
301   <min value="1" />
302   <mustSupport value="true" />
303 </element>
304 <element id="Practitioner.name.name.prefix">
305   <path value="Practitioner.name.prefix" />
306   <mustSupport value="true" />
307 </element>
308 <element id="Practitioner.name.name.suffix">
309   <path value="Practitioner.name.suffix" />
310   <max value="0" />
311 </element>
312 <element id="Practitioner.name.name.period">
313   <path value="Practitioner.name.period" />
314   <max value="0" />
315 </element>
316 <element id="Practitioner.name:geburtsname">
317   <path value="Practitioner.name" />
318   <sliceName value="geburtsname" />
319   <mustSupport value="true" />
320 </element>
321 <element id="Practitioner.name:geburtsname.family.extension">
322   <path value="Practitioner.name.family.extension" />
323   <licing>
324     <discriminator>
325       <type value="value" />
326       <path value="url" />
327     </discriminator>
328     <rules value="open" />
329   </licing>
330 </element>
331 <element id="Practitioner.name:geburtsname.family.extension:namenszusatz">
332   <path value="Practitioner.name.family.extension" />
333   <sliceName value="namenszusatz" />
334   <mustSupport value="true" />
335 </element>
336 <element id="Practitioner.name:geburtsname.family.extension:nachname">
337   <path value="Practitioner.name.family.extension" />
338   <sliceName value="nachname" />
339   <min value="1" />
340   <mustSupport value="true" />

```



```

341 </element>
342 <element id="Practitioner.name:geburtsname.family.extension:vorsatzwort
">
343   <path value="Practitioner.name.family.extension" />
344   <sliceName value="vorsatzwort" />
345   <mustSupport value="true" />
346 </element>
347 <element id="Practitioner.name:geburtsname.suffix">
348   <path value="Practitioner.name.suffix" />
349   <max value="0" />
350 </element>
351 <element id="Practitioner.name:geburtsname.period">
352   <path value="Practitioner.name.period" />
353   <max value="0" />
354 </element>
355 <element id="Practitioner.telecom">
356   <path value="Practitioner.telecom" />
357   <short value="Kontaktinformation" />
358   <definition value="Dieses Element beschreibt die Kontaktinformationen
einer Person." />
359   <mustSupport value="true" />
360 </element>
361 <element id="Practitioner.telecom.use">
362   <path value="Practitioner.telecom.use" />
363   <max value="0" />
364 </element>
365 <element id="Practitioner.telecom.rank">
366   <path value="Practitioner.telecom.rank" />
367   <max value="0" />
368 </element>
369 <element id="Practitioner.telecom.period">
370   <path value="Practitioner.telecom.period" />
371   <max value="0" />
372 </element>
373 <element id="Practitioner.address">
374   <path value="Practitioner.address" />
375   <max value="0" />
376 </element>
377 <element id="Practitioner.gender">
378   <path value="Practitioner.gender" />
379   <max value="0" />
380 </element>
381 <element id="Practitioner.birthDate">
382   <path value="Practitioner.birthDate" />
383   <max value="0" />
384 </element>
385 <element id="Practitioner.photo">
386   <path value="Practitioner.photo" />
387   <max value="0" />
388 </element>
389 <element id="Practitioner.qualification">
390   <path value="Practitioner.qualification" />
391   <short value="Funktionsbezeichnung" />
392   <definition value="Das Element beschreibt die Funktion der Person
(z.B.: Hebamme)." />
393   <min value="1" />
394   <max value="1" />
395   <mustSupport value="true" />
396 </element>
397 <element id="Practitioner.qualification.identifizier">

```

```

398     <path value="Practitioner.qualification.identifier" />
399     <max value="0" />
400 </element>
401 <element id="Practitioner.qualification.code">
402     <path value="Practitioner.qualification.code" />
403     <mustSupport value="true" />
404     <binding>
405         <strength value="required" />
406         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Practitioner_Speciality|1.1.0" />
407     </binding>
408 </element>
409 <element id="Practitioner.qualification.code.coding">
410     <path value="Practitioner.qualification.code.coding" />
411     <mustSupport value="true" />
412 </element>
413 <element id="Practitioner.qualification.code.coding.system">
414     <path value="Practitioner.qualification.code.coding.system" />
415     <mustSupport value="true" />
416 </element>
417 <element id="Practitioner.qualification.code.coding.version">
418     <path value="Practitioner.qualification.code.coding.version" />
419     <definition value="Bei einem Snomed CT-Code soll die Version mit
angegeben werden." />
420     <mustSupport value="true" />
421 </element>
422 <element id="Practitioner.qualification.code.coding.code">
423     <path value="Practitioner.qualification.code.coding.code" />
424     <mustSupport value="true" />
425 </element>
426 <element id="Practitioner.qualification.code.coding.display">
427     <path value="Practitioner.qualification.code.coding.display" />
428     <mustSupport value="true" />
429 </element>
430 <element id="Practitioner.qualification.code.coding.display.extension">
431     <path value="Practitioner.qualification.code.coding.display.extension
" />
432     <slicing>
433         <discriminator>
434             <type value="value" />
435             <path value="url" />
436         </discriminator>
437         <rules value="open" />
438     </slicing>
439 </element>
440 <element id="Practitioner.qualification.code.coding.display.extension:a
nzeigennameQualifikation">
441     <path value="Practitioner.qualification.code.coding.display.extension
" />
442     <sliceName value="anzeigennameQualifikation" />
443     <max value="1" />
444 </element>
445 <element id="Practitioner.qualification.code.coding.display.extension:a
nzeigennameQualifikation.extension">
446     <path value="Practitioner.qualification.code.coding.display.extension
.extension" />
447     <slicing>
448         <discriminator>
449             <type value="value" />
450             <path value="url" />

```

```

451     </discriminator>
452     <rules value="open" />
453 </slicing>
454 </element>
455 <element id="Practitioner.qualification.code.coding.display.extension:a
nzeigennameQualifikation.extension:content">
456   <path value="Practitioner.qualification.code.coding.display.extension
.extension" />
457   <sliceName value="content" />
458 </element>
459 <element id="Practitioner.qualification.code.coding.display.extension:a
nzeigennameQualifikation.extension:content.value[x]:valueString">
460   <path value="Practitioner.qualification.code.coding.display.extension
.extension.value[x]" />
461   <sliceName value="valueString" />
462   <definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Snomed-Codes aus der Conceptmap eingetragen
werden, also in diesem Fall den Displaynamen des Targetsystems aus https://
fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted_German" />
463 </element>
464 <element id="Practitioner.qualification.period">
465   <path value="Practitioner.qualification.period" />
466   <max value="0" />
467 </element>
468 <element id="Practitioner.qualification.issuer">
469   <path value="Practitioner.qualification.issuer" />
470   <max value="0" />
471 </element>
472 <element id="Practitioner.communication">
473   <path value="Practitioner.communication" />
474   <max value="0" />
475 </element>
476 </differential>
477 </StructureDefinition>

```

11. KBV_PR_MIO_VACCINATION_PRACTITIONER_ADDENDUM

KBV_PR_MIO_Vaccination_Practitioner_Addendum

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner_Addendum" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Practitioner_Addendum" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="v2" />
11    <uri value="http://hl7.org/v2" />
12    <name value="HL7 v2 Mapping" />
13  </mapping>
14  <mapping>
15    <identity value="rim" />
16    <uri value="http://hl7.org/v3" />
17    <name value="RIM Mapping" />
18  </mapping>
19  <mapping>
20    <identity value="servd" />
21    <uri value="http://www.omg.org/spec/ServD/1.0/" />
22    <name value="ServD" />
23  </mapping>
24  <mapping>
25    <identity value="w5" />
26    <uri value="http://hl7.org/fhir/fivews" />
27    <name value="FiveWs Pattern Mapping" />
28  </mapping>
29  <kind value="resource" />
30  <abstract value="false" />
31  <type value="Practitioner" />
32  <baseDefinition value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_Base_Practitioner|1.1.1" />
33  <derivation value="constraint" />
34  <differential>
35    <element id="Practitioner">
36      <path value="Practitioner" />
37      <short value="Practitionerrolle im Szenario Daten nachtragen" />
38      <definition value="Mit diesem Profil soll die Rolle der behandelnden
Person im Szenario Daten Nachtragen erhoben werden können, also in diesem
Fall die Zugehörigkeit zu einer Organisation." />
39    </element>
40    <element id="Practitioner.meta">
41      <path value="Practitioner.meta" />
42      <min value="1" />
43    </element>
44    <element id="Practitioner.meta.versionId">
45      <path value="Practitioner.meta.versionId" />
46      <max value="0" />
47    </element>
48    <element id="Practitioner.meta.lastUpdated">
49      <path value="Practitioner.meta.lastUpdated" />
```

```

50     <max value="0" />
51 </element>
52 <element id="Practitioner.meta.source">
53     <path value="Practitioner.meta.source" />
54     <max value="0" />
55 </element>
56 <element id="Practitioner.meta.profile">
57     <path value="Practitioner.meta.profile" />
58     <min value="1" />
59     <max value="1" />
60     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner_Addendum|1.1.0" />
61 </element>
62 <element id="Practitioner.meta.security">
63     <path value="Practitioner.meta.security" />
64     <max value="0" />
65 </element>
66 <element id="Practitioner.meta.tag">
67     <path value="Practitioner.meta.tag" />
68     <max value="0" />
69 </element>
70 <element id="Practitioner.implicitRules">
71     <path value="Practitioner.implicitRules" />
72     <max value="0" />
73 </element>
74 <element id="Practitioner.language">
75     <path value="Practitioner.language" />
76     <max value="0" />
77 </element>
78 <element id="Practitioner.contained">
79     <path value="Practitioner.contained" />
80     <max value="0" />
81 </element>
82 <element id="Practitioner.extension">
83     <path value="Practitioner.extension" />
84     <slicing>
85         <discriminator>
86             <type value="value" />
87             <path value="url" />
88         </discriminator>
89         <rules value="open" />
90     </slicing>
91 </element>
92 <element id="Practitioner.extension:ergaenzende_Angaben">
93     <path value="Practitioner.extension" />
94     <sliceName value="ergaenzende_Angaben" />
95     <mustSupport value="true" />
96 </element>
97 <element id="Practitioner.identififier">
98     <path value="Practitioner.identififier" />
99     <max value="1" />
100    <mustSupport value="true" />
101 </element>
102 <element id="Practitioner.identififier:ANR">
103     <path value="Practitioner.identififier" />
104     <sliceName value="ANR" />
105     <mustSupport value="true" />
106 </element>
107 <element id="Practitioner.identififier:ANR.type">
108     <path value="Practitioner.identififier.type" />

```

```

109     <mustSupport value="true" />
110 </element>
111 <element id="Practitioner.identifier:ANR.type.coding">
112     <path value="Practitioner.identifier.type.coding" />
113     <mustSupport value="true" />
114 </element>
115 <element id="Practitioner.identifier:ANR.type.coding:LANR-Type">
116     <path value="Practitioner.identifier.type.coding" />
117     <sliceName value="LANR-Type" />
118     <mustSupport value="true" />
119 </element>
120 <element id="Practitioner.identifier:ANR.type.text">
121     <path value="Practitioner.identifier.type.text" />
122     <max value="0" />
123 </element>
124 <element id="Practitioner.identifier:ANR.system">
125     <path value="Practitioner.identifier.system" />
126     <mustSupport value="true" />
127 </element>
128 <element id="Practitioner.identifier:ANR.value">
129     <path value="Practitioner.identifier.value" />
130     <mustSupport value="true" />
131 </element>
132 <element id="Practitioner.identifier:ANR.period">
133     <path value="Practitioner.identifier.period" />
134     <max value="0" />
135 </element>
136 <element id="Practitioner.identifier:ANR.assigner">
137     <path value="Practitioner.identifier.assigner" />
138     <max value="0" />
139 </element>
140 <element id="Practitioner.identifier:EFN">
141     <path value="Practitioner.identifier" />
142     <sliceName value="EFN" />
143     <mustSupport value="true" />
144 </element>
145 <element id="Practitioner.identifier:EFN.type">
146     <path value="Practitioner.identifier.type" />
147     <mustSupport value="true" />
148 </element>
149 <element id="Practitioner.identifier:EFN.type.coding">
150     <path value="Practitioner.identifier.type.coding" />
151     <mustSupport value="true" />
152 </element>
153 <element id="Practitioner.identifier:EFN.type.coding:DN-Type">
154     <path value="Practitioner.identifier.type.coding" />
155     <sliceName value="DN-Type" />
156     <mustSupport value="true" />
157 </element>
158 <element id="Practitioner.identifier:EFN.type.text">
159     <path value="Practitioner.identifier.type.text" />
160     <max value="0" />
161 </element>
162 <element id="Practitioner.identifier:EFN.system">
163     <path value="Practitioner.identifier.system" />
164     <mustSupport value="true" />
165 </element>
166 <element id="Practitioner.identifier:EFN.value">
167     <path value="Practitioner.identifier.value" />
168     <mustSupport value="true" />

```

```

169 </element>
170 <element id="Practitioner.identifier:EFN.period">
171   <path value="Practitioner.identifier.period" />
172   <max value="0" />
173 </element>
174 <element id="Practitioner.identifier:EFN.assigner">
175   <path value="Practitioner.identifier.assigner" />
176   <max value="0" />
177 </element>
178 <element id="Practitioner.identifier:id">
179   <path value="Practitioner.identifier" />
180   <sliceName value="id" />
181   <short value="Identifikator" />
182   <definition value="Nicht näher spezifizierter Identifikator einer
nicht ärztlichen, behandelnden Person." />
183   <max value="1" />
184   <mustSupport value="true" />
185 </element>
186 <element id="Practitioner.identifier:id.use">
187   <path value="Practitioner.identifier.use" />
188   <max value="0" />
189 </element>
190 <element id="Practitioner.identifier:id.type">
191   <path value="Practitioner.identifier.type" />
192   <min value="1" />
193   <mustSupport value="true" />
194 </element>
195 <element id="Practitioner.identifier:id.type.coding">
196   <path value="Practitioner.identifier.type.coding" />
197   <min value="1" />
198   <max value="1" />
199   <mustSupport value="true" />
200 </element>
201 <element id="Practitioner.identifier:id.type.coding.system">
202   <path value="Practitioner.identifier.type.coding.system" />
203   <min value="1" />
204   <fixedUri value="http://terminology.hl7.org/CodeSystem/v2-0203" />
205 </element>
206 <element id="Practitioner.identifier:id.type.coding.code">
207   <path value="Practitioner.identifier.type.coding.code" />
208   <min value="1" />
209   <fixedCode value="ESN" />
210 </element>
211 <element id="Practitioner.identifier:id.type.coding.userSelected">
212   <path value="Practitioner.identifier.type.coding.userSelected" />
213   <max value="0" />
214 </element>
215 <element id="Practitioner.identifier:id.type.text">
216   <path value="Practitioner.identifier.type.text" />
217   <max value="0" />
218 </element>
219 <element id="Practitioner.identifier:id.value">
220   <path value="Practitioner.identifier.value" />
221   <min value="1" />
222   <mustSupport value="true" />
223 </element>
224 <element id="Practitioner.identifier:id.period">
225   <path value="Practitioner.identifier.period" />
226   <max value="0" />
227 </element>

```

```

228 <element id="Practitioner.identifier:id.assigner">
229   <path value="Practitioner.identifier.assigner" />
230   <max value="0" />
231 </element>
232 <element id="Practitioner.active">
233   <path value="Practitioner.active" />
234   <max value="0" />
235 </element>
236 <element id="Practitioner.name">
237   <path value="Practitioner.name" />
238   <slicing>
239     <discriminator>
240       <type value="value" />
241       <path value="use" />
242     </discriminator>
243     <rules value="closed" />
244   </slicing>
245   <mustSupport value="true" />
246 </element>
247 <element id="Practitioner.name:name">
248   <path value="Practitioner.name" />
249   <sliceName value="name" />
250   <min value="1" />
251   <constraint>
252     <key value="Nachname" />
253     <severity value="error" />
254     <human value="Der Nachname darf nicht absolut leer sein" />
255     <expression value="family.extension('http://hl7.org/fhir/
StructureDefinition/humanname-own-name').valueString.length()>0" />
256     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner_Addendum" />
257   </constraint>
258   <constraint>
259     <key value="Vorname" />
260     <severity value="error" />
261     <human value="Der Vorname darf nicht absolut leer sein" />
262     <expression value="given.length()>0" />
263     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner_Addendum" />
264   </constraint>
265   <mustSupport value="true" />
266 </element>
267 <element id="Practitioner.name:name.text">
268   <path value="Practitioner.name.text" />
269   <mustSupport value="true" />
270 </element>
271 <element id="Practitioner.name:name.family">
272   <path value="Practitioner.name.family" />
273   <mustSupport value="true" />
274 </element>
275 <element id="Practitioner.name:name.family.extension">
276   <path value="Practitioner.name.family.extension" />
277   <slicing>
278     <discriminator>
279       <type value="value" />
280       <path value="url" />
281     </discriminator>
282     <rules value="open" />
283   </slicing>
284 </element>

```



```

285 <element id="Practitioner.name:name.family.extension:namenszusatz">
286   <path value="Practitioner.name.family.extension" />
287   <sliceName value="namenszusatz" />
288   <mustSupport value="true" />
289 </element>
290 <element id="Practitioner.name:name.family.extension:nachname">
291   <path value="Practitioner.name.family.extension" />
292   <sliceName value="nachname" />
293   <min value="1" />
294   <mustSupport value="true" />
295 </element>
296 <element id="Practitioner.name:name.family.extension:vorsatzwort">
297   <path value="Practitioner.name.family.extension" />
298   <sliceName value="vorsatzwort" />
299   <mustSupport value="true" />
300 </element>
301 <element id="Practitioner.name:name.given">
302   <path value="Practitioner.name.given" />
303   <mustSupport value="true" />
304 </element>
305 <element id="Practitioner.name:name.prefix">
306   <path value="Practitioner.name.prefix" />
307   <mustSupport value="true" />
308 </element>
309 <element id="Practitioner.name:name.suffix">
310   <path value="Practitioner.name.suffix" />
311   <max value="0" />
312 </element>
313 <element id="Practitioner.name:name.period">
314   <path value="Practitioner.name.period" />
315   <max value="0" />
316 </element>
317 <element id="Practitioner.name:geburtsname">
318   <path value="Practitioner.name" />
319   <sliceName value="geburtsname" />
320   <mustSupport value="true" />
321 </element>
322 <element id="Practitioner.name:geburtsname.family.extension">
323   <path value="Practitioner.name.family.extension" />
324   <licing>
325     <discriminator>
326       <type value="value" />
327       <path value="url" />
328     </discriminator>
329     <rules value="open" />
330   </licing>
331 </element>
332 <element id="Practitioner.name:geburtsname.family.extension:namenszusatz">
333   <path value="Practitioner.name.family.extension" />
334   <sliceName value="namenszusatz" />
335   <mustSupport value="true" />
336 </element>
337 <element id="Practitioner.name:geburtsname.family.extension:nachname">
338   <path value="Practitioner.name.family.extension" />
339   <sliceName value="nachname" />
340   <min value="1" />
341   <mustSupport value="true" />
342 </element>

```

```

343 <element id="Practitioner.name:geburtsname.family.extension:vorsatzwort
">
344   <path value="Practitioner.name.family.extension" />
345   <sliceName value="vorsatzwort" />
346   <mustSupport value="true" />
347 </element>
348 <element id="Practitioner.name:geburtsname.suffix">
349   <path value="Practitioner.name.suffix" />
350   <max value="0" />
351 </element>
352 <element id="Practitioner.name:geburtsname.period">
353   <path value="Practitioner.name.period" />
354   <max value="0" />
355 </element>
356 <element id="Practitioner.telecom">
357   <path value="Practitioner.telecom" />
358   <short value="Kontaktinformation" />
359   <definition value="Dieses Element beschreibt die Kontaktinformationen
einer Person." />
360   <mustSupport value="true" />
361 </element>
362 <element id="Practitioner.telecom.system">
363   <path value="Practitioner.telecom.system" />
364   <mustSupport value="true" />
365 </element>
366 <element id="Practitioner.telecom.value">
367   <path value="Practitioner.telecom.value" />
368   <mustSupport value="true" />
369 </element>
370 <element id="Practitioner.telecom.use">
371   <path value="Practitioner.telecom.use" />
372   <max value="0" />
373 </element>
374 <element id="Practitioner.telecom.rank">
375   <path value="Practitioner.telecom.rank" />
376   <max value="0" />
377 </element>
378 <element id="Practitioner.telecom.period">
379   <path value="Practitioner.telecom.period" />
380   <max value="0" />
381 </element>
382 <element id="Practitioner.address">
383   <path value="Practitioner.address" />
384   <max value="0" />
385 </element>
386 <element id="Practitioner.gender">
387   <path value="Practitioner.gender" />
388   <max value="0" />
389 </element>
390 <element id="Practitioner.birthDate">
391   <path value="Practitioner.birthDate" />
392   <max value="0" />
393 </element>
394 <element id="Practitioner.photo">
395   <path value="Practitioner.photo" />
396   <max value="0" />
397 </element>
398 <element id="Practitioner.qualification:practitioner_speciality">
399   <path value="Practitioner.qualification" />
400   <sliceName value="practitioner_speciality" />

```

```

401     <short value="Funktionsbezeichnung" />
402     <definition value="Das Element beschreibt die Funktion der Person
(z.B.: Hebamme)." />
403     <max value="1" />
404     <mustSupport value="true" />
405 </element>
406 <element id="Practitioner.qualification:practitioner_speciality.identif
ier">
407     <path value="Practitioner.qualification.identifizier" />
408     <max value="0" />
409 </element>
410 <element id="Practitioner.qualification:practitioner_speciality.code">
411     <path value="Practitioner.qualification.code" />
412     <mustSupport value="true" />
413     <binding>
414         <strength value="required" />
415         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Practitioner_Speciality|1.1.0" />
416     </binding>
417 </element>
418 <element id="Practitioner.qualification:practitioner_speciality.code.co
ding">
419     <path value="Practitioner.qualification.code.coding" />
420     <mustSupport value="true" />
421 </element>
422 <element id="Practitioner.qualification:practitioner_speciality.code.co
ding.system">
423     <path value="Practitioner.qualification.code.coding.system" />
424     <mustSupport value="true" />
425 </element>
426 <element id="Practitioner.qualification:practitioner_speciality.code.co
ding.version">
427     <path value="Practitioner.qualification.code.coding.version" />
428     <definition value="Bei einem Snomed CT-Code soll die Version mit
angegeben werden." />
429     <mustSupport value="true" />
430 </element>
431 <element id="Practitioner.qualification:practitioner_speciality.code.co
ding.code">
432     <path value="Practitioner.qualification.code.coding.code" />
433     <mustSupport value="true" />
434 </element>
435 <element id="Practitioner.qualification:practitioner_speciality.code.co
ding.display">
436     <path value="Practitioner.qualification.code.coding.display" />
437     <mustSupport value="true" />
438 </element>
439 <element id="Practitioner.qualification:practitioner_speciality.code.co
ding.display.extension">
440     <path value="Practitioner.qualification.code.coding.display.extension
" />
441     <slicing>
442         <discriminator>
443             <type value="value" />
444             <path value="url" />
445         </discriminator>
446         <rules value="open" />
447     </slicing>
448 </element>

```

```

449     <element id="Practitioner.qualification:practitioner_speciality.code.co
ding.display.extension:anzeigennameQualifikation">
450     <path value="Practitioner.qualification.code.coding.display.extension
" />
451     <sliceName value="anzeigennameQualifikation" />
452 </element>
453     <element id="Practitioner.qualification:practitioner_speciality.code.co
ding.display.extension:anzeigennameQualifikation.extension">
454     <path value="Practitioner.qualification.code.coding.display.extension
.extension" />
455     <slicing>
456         <discriminator>
457             <type value="value" />
458             <path value="url" />
459         </discriminator>
460         <rules value="open" />
461     </slicing>
462 </element>
463     <element id="Practitioner.qualification:practitioner_speciality.code.co
ding.display.extension:anzeigennameQualifikation.extension:content">
464     <path value="Practitioner.qualification.code.coding.display.extension
.extension" />
465     <sliceName value="content" />
466 </element>
467     <element id="Practitioner.qualification:practitioner_speciality.code.co
ding.display.extension:anzeigennameQualifikation.extension:content.value[x]:
valueString">
468     <path value="Practitioner.qualification.code.coding.display.extension
.extension.value[x]" />
469     <sliceName value="valueString" />
470     <definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Snomed-Codes aus der Conceptmap eingetragen
werden, also in diesem Fall den Displaynamen des Targetsystems aus https://
fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted_German" />
471 </element>
472     <element id="Practitioner.qualification:practitioner_speciality.period">
473     <path value="Practitioner.qualification.period" />
474     <max value="0" />
475 </element>
476     <element id="Practitioner.qualification:practitioner_speciality.issuer">
477     <path value="Practitioner.qualification.issuer" />
478     <max value="0" />
479 </element>
480     <element id="Practitioner.communication">
481     <path value="Practitioner.communication" />
482     <max value="0" />
483 </element>
484 </differential>
485 </StructureDefinition>

```

12. KBV_PR_MIO_VACCINATION_PRACTITIONERROLE

KBV_PR_MIO_Vaccination_Practitionerrole

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Practitionerrole" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="v2" />
11    <uri value="http://hl7.org/v2" />
12    <name value="HL7 v2 Mapping" />
13  </mapping>
14  <mapping>
15    <identity value="rim" />
16    <uri value="http://hl7.org/v3" />
17    <name value="RIM Mapping" />
18  </mapping>
19  <mapping>
20    <identity value="servd" />
21    <uri value="http://www.omg.org/spec/ServD/1.0/" />
22    <name value="ServD" />
23  </mapping>
24  <mapping>
25    <identity value="w5" />
26    <uri value="http://hl7.org/fhir/fivews" />
27    <name value="FiveWs Pattern Mapping" />
28  </mapping>
29  <kind value="resource" />
30  <abstract value="false" />
31  <type value="PractitionerRole" />
32  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
PractitionerRole" />
33  <derivation value="constraint" />
34  <differential>
35    <element id="PractitionerRole">
36      <path value="PractitionerRole" />
37      <short value="Practitionerrole" />
38      <definition value="Mit diesem Profil soll die Rolle der behandelnden
Person im Szenario des Daten Eintragens erhoben werden können, also in
diesem Fall die Zugehörigkeit zu einer Organisation." />
39    </element>
40    <element id="PractitionerRole.meta">
41      <path value="PractitionerRole.meta" />
42      <min value="1" />
43    </element>
44    <element id="PractitionerRole.meta.versionId">
45      <path value="PractitionerRole.meta.versionId" />
46      <max value="0" />
47    </element>
48    <element id="PractitionerRole.meta.lastUpdated">
49      <path value="PractitionerRole.meta.lastUpdated" />
```

```

50     <max value="0" />
51 </element>
52 <element id="PractitionerRole.meta.source">
53     <path value="PractitionerRole.meta.source" />
54     <max value="0" />
55 </element>
56 <element id="PractitionerRole.meta.profile">
57     <path value="PractitionerRole.meta.profile" />
58     <min value="1" />
59     <max value="1" />
60     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole|1.1.0" />
61 </element>
62 <element id="PractitionerRole.meta.security">
63     <path value="PractitionerRole.meta.security" />
64     <max value="0" />
65 </element>
66 <element id="PractitionerRole.meta.tag">
67     <path value="PractitionerRole.meta.tag" />
68     <max value="0" />
69 </element>
70 <element id="PractitionerRole.implicitRules">
71     <path value="PractitionerRole.implicitRules" />
72     <max value="0" />
73 </element>
74 <element id="PractitionerRole.language">
75     <path value="PractitionerRole.language" />
76     <max value="0" />
77 </element>
78 <element id="PractitionerRole.contained">
79     <path value="PractitionerRole.contained" />
80     <max value="0" />
81 </element>
82 <element id="PractitionerRole.identifier">
83     <path value="PractitionerRole.identifier" />
84     <max value="0" />
85 </element>
86 <element id="PractitionerRole.active">
87     <path value="PractitionerRole.active" />
88     <max value="0" />
89 </element>
90 <element id="PractitionerRole.period">
91     <path value="PractitionerRole.period" />
92     <max value="0" />
93 </element>
94 <element id="PractitionerRole.practitioner">
95     <path value="PractitionerRole.practitioner" />
96     <min value="1" />
97     <type>
98         <code value="Reference" />
99         <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner|1.1.0" />
100     </type>
101     <mustSupport value="true" />
102 </element>
103 <element id="PractitionerRole.practitioner.reference">
104     <path value="PractitionerRole.practitioner.reference" />
105     <min value="1" />
106     <mustSupport value="true" />
107 </element>

```

```

108 <element id="PractitionerRole.practitioner.type">
109   <path value="PractitionerRole.practitioner.type" />
110   <max value="0" />
111 </element>
112 <element id="PractitionerRole.practitioner.identifier">
113   <path value="PractitionerRole.practitioner.identifier" />
114   <max value="0" />
115 </element>
116 <element id="PractitionerRole.practitioner.display">
117   <path value="PractitionerRole.practitioner.display" />
118   <max value="0" />
119 </element>
120 <element id="PractitionerRole.organization">
121   <path value="PractitionerRole.organization" />
122   <min value="1" />
123   <type>
124     <code value="Reference" />
125     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Organization|1.1.0" />
126   </type>
127   <mustSupport value="true" />
128 </element>
129 <element id="PractitionerRole.organization.reference">
130   <path value="PractitionerRole.organization.reference" />
131   <min value="1" />
132   <mustSupport value="true" />
133 </element>
134 <element id="PractitionerRole.organization.type">
135   <path value="PractitionerRole.organization.type" />
136   <max value="0" />
137 </element>
138 <element id="PractitionerRole.organization.identifier">
139   <path value="PractitionerRole.organization.identifier" />
140   <max value="0" />
141 </element>
142 <element id="PractitionerRole.organization.display">
143   <path value="PractitionerRole.organization.display" />
144   <max value="0" />
145 </element>
146 <element id="PractitionerRole.code">
147   <path value="PractitionerRole.code" />
148   <max value="0" />
149 </element>
150 <element id="PractitionerRole.specialty">
151   <path value="PractitionerRole.specialty" />
152   <max value="0" />
153 </element>
154 <element id="PractitionerRole.location">
155   <path value="PractitionerRole.location" />
156   <max value="0" />
157 </element>
158 <element id="PractitionerRole.healthcareService">
159   <path value="PractitionerRole.healthcareService" />
160   <max value="0" />
161 </element>
162 <element id="PractitionerRole.telecom">
163   <path value="PractitionerRole.telecom" />
164   <max value="0" />
165 </element>
166 <element id="PractitionerRole.availableTime">

```

```
167     <path value="PractitionerRole.availableTime" />
168     <max value="0" />
169 </element>
170 <element id="PractitionerRole.notAvailable">
171     <path value="PractitionerRole.notAvailable" />
172     <max value="0" />
173 </element>
174 <element id="PractitionerRole.availabilityExceptions">
175     <path value="PractitionerRole.availabilityExceptions" />
176     <max value="0" />
177 </element>
178 <element id="PractitionerRole.endpoint">
179     <path value="PractitionerRole.endpoint" />
180     <max value="0" />
181 </element>
182 </differential>
183 </StructureDefinition>
```


13. KBV_PR_MIO_VACCINATION_PRACTITIONERROLE_ADDENDUM

KBV_PR_MIO_Vaccination_Practitionerrole_Addendum

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole_Addendum" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Practitionerrole_Addendum" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="v2" />
11    <uri value="http://hl7.org/v2" />
12    <name value="HL7 v2 Mapping" />
13  </mapping>
14  <mapping>
15    <identity value="rim" />
16    <uri value="http://hl7.org/v3" />
17    <name value="RIM Mapping" />
18  </mapping>
19  <mapping>
20    <identity value="servd" />
21    <uri value="http://www.omg.org/spec/ServD/1.0/" />
22    <name value="ServD" />
23  </mapping>
24  <mapping>
25    <identity value="w5" />
26    <uri value="http://hl7.org/fhir/fivews" />
27    <name value="FiveWs Pattern Mapping" />
28  </mapping>
29  <kind value="resource" />
30  <abstract value="false" />
31  <type value="PractitionerRole" />
32  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
PractitionerRole" />
33  <derivation value="constraint" />
34  <differential>
35    <element id="PractitionerRole">
36      <path value="PractitionerRole" />
37      <short value="Practitionerrole Addendum" />
38      <definition value="Mit diesem Profil soll die Rolle der behandelnden
Person im Szenario Daten Nachtragen erhoben werden können, also in diesem
Fall die Zugehörigkeit zu einer Organisation." />
39    </element>
40    <element id="PractitionerRole.meta">
41      <path value="PractitionerRole.meta" />
42      <min value="1" />
43    </element>
44    <element id="PractitionerRole.meta.versionId">
45      <path value="PractitionerRole.meta.versionId" />
46      <max value="0" />
47    </element>
48    <element id="PractitionerRole.meta.lastUpdated">
49      <path value="PractitionerRole.meta.lastUpdated" />
```

```

50     <max value="0" />
51 </element>
52 <element id="PractitionerRole.meta.source">
53     <path value="PractitionerRole.meta.source" />
54     <max value="0" />
55 </element>
56 <element id="PractitionerRole.meta.profile">
57     <path value="PractitionerRole.meta.profile" />
58     <min value="1" />
59     <max value="1" />
60     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole_Addendum|1.1.0" />
61 </element>
62 <element id="PractitionerRole.meta.security">
63     <path value="PractitionerRole.meta.security" />
64     <max value="0" />
65 </element>
66 <element id="PractitionerRole.meta.tag">
67     <path value="PractitionerRole.meta.tag" />
68     <max value="0" />
69 </element>
70 <element id="PractitionerRole.implicitRules">
71     <path value="PractitionerRole.implicitRules" />
72     <max value="0" />
73 </element>
74 <element id="PractitionerRole.language">
75     <path value="PractitionerRole.language" />
76     <max value="0" />
77 </element>
78 <element id="PractitionerRole.contained">
79     <path value="PractitionerRole.contained" />
80     <max value="0" />
81 </element>
82 <element id="PractitionerRole.identifier">
83     <path value="PractitionerRole.identifier" />
84     <max value="0" />
85 </element>
86 <element id="PractitionerRole.active">
87     <path value="PractitionerRole.active" />
88     <max value="0" />
89 </element>
90 <element id="PractitionerRole.period">
91     <path value="PractitionerRole.period" />
92     <max value="0" />
93 </element>
94 <element id="PractitionerRole.practitioner">
95     <path value="PractitionerRole.practitioner" />
96     <min value="1" />
97     <type>
98         <code value="Reference" />
99         <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitioner_Addendum|1.1.0" />
100     </type>
101     <mustSupport value="true" />
102 </element>
103 <element id="PractitionerRole.practitioner.reference">
104     <path value="PractitionerRole.practitioner.reference" />
105     <min value="1" />
106     <mustSupport value="true" />
107 </element>

```

```

108 <element id="PractitionerRole.practitioner.type">
109   <path value="PractitionerRole.practitioner.type" />
110   <max value="0" />
111 </element>
112 <element id="PractitionerRole.practitioner.identifier">
113   <path value="PractitionerRole.practitioner.identifier" />
114   <max value="0" />
115 </element>
116 <element id="PractitionerRole.practitioner.display">
117   <path value="PractitionerRole.practitioner.display" />
118   <max value="0" />
119 </element>
120 <element id="PractitionerRole.organization">
121   <path value="PractitionerRole.organization" />
122   <type>
123     <code value="Reference" />
124     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Organization_Addendum|1.1.0" />
125   </type>
126   <mustSupport value="true" />
127 </element>
128 <element id="PractitionerRole.organization.reference">
129   <path value="PractitionerRole.organization.reference" />
130   <min value="1" />
131   <mustSupport value="true" />
132 </element>
133 <element id="PractitionerRole.organization.type">
134   <path value="PractitionerRole.organization.type" />
135   <max value="0" />
136 </element>
137 <element id="PractitionerRole.organization.identifier">
138   <path value="PractitionerRole.organization.identifier" />
139   <max value="0" />
140 </element>
141 <element id="PractitionerRole.organization.display">
142   <path value="PractitionerRole.organization.display" />
143   <max value="0" />
144 </element>
145 <element id="PractitionerRole.code">
146   <path value="PractitionerRole.code" />
147   <max value="0" />
148 </element>
149 <element id="PractitionerRole.specialty">
150   <path value="PractitionerRole.specialty" />
151   <max value="0" />
152 </element>
153 <element id="PractitionerRole.location">
154   <path value="PractitionerRole.location" />
155   <max value="0" />
156 </element>
157 <element id="PractitionerRole.healthcareService">
158   <path value="PractitionerRole.healthcareService" />
159   <max value="0" />
160 </element>
161 <element id="PractitionerRole.telecom">
162   <path value="PractitionerRole.telecom" />
163   <max value="0" />
164 </element>
165 <element id="PractitionerRole.availableTime">
166   <path value="PractitionerRole.availableTime" />

```

```
167     <max value="0" />
168 </element>
169 <element id="PractitionerRole.notAvailable">
170   <path value="PractitionerRole.notAvailable" />
171   <max value="0" />
172 </element>
173 <element id="PractitionerRole.availabilityExceptions">
174   <path value="PractitionerRole.availabilityExceptions" />
175   <max value="0" />
176 </element>
177 <element id="PractitionerRole.endpoint">
178   <path value="PractitionerRole.endpoint" />
179   <max value="0" />
180 </element>
181 </differential>
182 </StructureDefinition>
```

14. KBV_PR_MIO_VACCINATION_CONDITION

KBV_PR_MIO_Vaccination_Condition

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Condition" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Condition" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Hinweis: This material includes SNOMED Clinical Terms®
(SNOMED CT®) which is used by permission of SNOMED International. All
rights reserved. SNOMED CT®, was originally created by The College of
American Pathologists. SNOMED and SNOMED CT are registered trademarks of
SNOMED International. Implementers of these artefacts must have the
appropriate SNOMED CT Affiliate license." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="workflow" />
11    <uri value="http://hl7.org/fhir/workflow" />
12    <name value="Workflow Pattern" />
13  </mapping>
14  <mapping>
15    <identity value="sct-concept" />
16    <uri value="http://snomed.info/conceptdomain" />
17    <name value="SNOMED CT Concept Domain Binding" />
18  </mapping>
19  <mapping>
20    <identity value="v2" />
21    <uri value="http://hl7.org/v2" />
22    <name value="HL7 v2 Mapping" />
23  </mapping>
24  <mapping>
25    <identity value="rim" />
26    <uri value="http://hl7.org/v3" />
27    <name value="RIM Mapping" />
28  </mapping>
29  <mapping>
30    <identity value="w5" />
31    <uri value="http://hl7.org/fhir/fivews" />
32    <name value="FiveWs Pattern Mapping" />
33  </mapping>
34  <mapping>
35    <identity value="sct-attr" />
36    <uri value="http://snomed.org/attributebinding" />
37    <name value="SNOMED CT Attribute Binding" />
38  </mapping>
39  <kind value="resource" />
40  <abstract value="false" />
41  <type value="Condition" />
42  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Condition" />
43  <derivation value="constraint" />
44  <differential>
45    <element id="Condition">
46      <path value="Condition" />
```

```

47     <short value="vorangegangenen / durchlebten Erkrankung /
Infektionskrankheit" />
48     <definition value="Dieses Profil enthält alle Informationen zu einer
vorangegangenen / durchlebten Erkrankung / Infektionskrankheit, die zu
einer Immunität geführt hat. Die Immunität führt dazu, dass in der Regel
keine Impfung notwendig ist." />
49     <comment value="Zu diesem Profil kann eine Provenance-Ressource
angehängt werden." />
50     <constraint>
51         <key value="Cond1" />
52         <severity value="error" />
53         <human value="Das Dokumentationsdatum muss mindestens mit
TT.MM.JJJJ angegeben werden" />
54         <expression value="recordedDate.toString().length()>=10" />
55         <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Condition" />
56     </constraint>
57 </element>
58 <element id="Condition.meta">
59     <path value="Condition.meta" />
60     <min value="1" />
61 </element>
62 <element id="Condition.meta.versionId">
63     <path value="Condition.meta.versionId" />
64     <max value="0" />
65 </element>
66 <element id="Condition.meta.lastUpdated">
67     <path value="Condition.meta.lastUpdated" />
68     <max value="0" />
69 </element>
70 <element id="Condition.meta.source">
71     <path value="Condition.meta.source" />
72     <max value="0" />
73 </element>
74 <element id="Condition.meta.profile">
75     <path value="Condition.meta.profile" />
76     <min value="1" />
77     <max value="1" />
78     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Condition|1.1.0" />
79 </element>
80 <element id="Condition.meta.security">
81     <path value="Condition.meta.security" />
82     <max value="0" />
83 </element>
84 <element id="Condition.meta.tag">
85     <path value="Condition.meta.tag" />
86     <max value="0" />
87 </element>
88 <element id="Condition.implicitRules">
89     <path value="Condition.implicitRules" />
90     <max value="0" />
91 </element>
92 <element id="Condition.language">
93     <path value="Condition.language" />
94     <max value="0" />
95 </element>
96 <element id="Condition.contained">
97     <path value="Condition.contained" />
98     <max value="0" />

```

```

99     </element>
100    <element id="Condition.identifier">
101      <path value="Condition.identifier" />
102      <max value="0" />
103    </element>
104    <element id="Condition.clinicalStatus">
105      <path value="Condition.clinicalStatus" />
106      <min value="1" />
107      <mustSupport value="true" />
108    </element>
109    <element id="Condition.clinicalStatus.coding">
110      <path value="Condition.clinicalStatus.coding" />
111      <min value="1" />
112      <max value="1" />
113    </element>
114    <element id="Condition.clinicalStatus.coding.system">
115      <path value="Condition.clinicalStatus.coding.system" />
116      <min value="1" />
117      <fixedUri value="http://terminology.hl7.org/CodeSystem/condition-
118 clinical" />
119    </element>
120    <element id="Condition.clinicalStatus.coding.code">
121      <path value="Condition.clinicalStatus.coding.code" />
122      <min value="1" />
123      <fixedCode value="resolved" />
124    </element>
125    <element id="Condition.clinicalStatus.text">
126      <path value="Condition.clinicalStatus.text" />
127      <max value="0" />
128    </element>
129    <element id="Condition.verificationStatus">
130      <path value="Condition.verificationStatus" />
131      <min value="1" />
132      <mustSupport value="true" />
133    </element>
134    <element id="Condition.verificationStatus.coding">
135      <path value="Condition.verificationStatus.coding" />
136      <min value="1" />
137      <max value="1" />
138    </element>
139    <element id="Condition.verificationStatus.coding.system">
140      <path value="Condition.verificationStatus.coding.system" />
141      <min value="1" />
142      <fixedUri value="http://terminology.hl7.org/CodeSystem/condition-ver-
143 status" />
144    </element>
145    <element id="Condition.verificationStatus.coding.code">
146      <path value="Condition.verificationStatus.coding.code" />
147      <min value="1" />
148      <fixedCode value="confirmed" />
149    </element>
150    <element id="Condition.verificationStatus.coding.userSelected">
151      <path value="Condition.verificationStatus.coding.userSelected" />
152      <max value="0" />
153    </element>
154    <element id="Condition.verificationStatus.text">
155      <path value="Condition.verificationStatus.text" />
156      <max value="0" />
157    </element>
158    <element id="Condition.category">

```

```

157     <path value="Condition.category" />
158     <max value="0" />
159 </element>
160 <element id="Condition.severity">
161     <path value="Condition.severity" />
162     <max value="0" />
163 </element>
164 <element id="Condition.code">
165     <path value="Condition.code" />
166     <short value="Diagnosecode" />
167     <definition value="Dieses Element beschreibt die durchgemachte
Infektionskrankheit, die zu einer Immunität führt. Enthalten ist die
Bezeichnung der Erkrankung mit der entsprechenden Codierung." />
168     <comment value="Ist es notwendig eine hier nicht aufgeführte
(unspezifizierte) Erkrankung zu dokumentieren, ist der entsprechende Code
auszuwählen. Es sollte eine nähere Beschreibung als Freitext in der note
(Diagnoseerläuterung) erfolgen." />
169     <min value="1" />
170     <mustSupport value="true" />
171 </element>
172 <element id="Condition.code.coding">
173     <path value="Condition.code.coding" />
174     <licing>
175         <discriminator>
176             <type value="value" />
177             <path value="system" />
178         </discriminator>
179         <rules value="closed" />
180     </licing>
181     <min value="1" />
182     <max value="2" />
183     <mustSupport value="true" />
184 </element>
185 <element id="Condition.code.coding:snomed_CT">
186     <path value="Condition.code.coding" />
187     <sliceName value="snomed_CT" />
188     <min value="1" />
189     <max value="1" />
190     <mustSupport value="true" />
191     <binding>
192         <strength value="required" />
193         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Prior_Disease|1.1.0" />
194     </binding>
195 </element>
196 <element id="Condition.code.coding:snomed_CT.system">
197     <path value="Condition.code.coding.system" />
198     <min value="1" />
199     <fixedUri value="http://snomed.info/sct" />
200     <mustSupport value="true" />
201 </element>
202 <element id="Condition.code.coding:snomed_CT.version">
203     <path value="Condition.code.coding.version" />
204     <min value="1" />
205     <mustSupport value="true" />
206 </element>
207 <element id="Condition.code.coding:snomed_CT.code">
208     <path value="Condition.code.coding.code" />
209     <min value="1" />
210     <mustSupport value="true" />

```



```

211 </element>
212 <element id="Condition.code.coding:snomed_CT.display">
213   <path value="Condition.code.coding.display" />
214   <min value="1" />
215   <mustSupport value="true" />
216 </element>
217 <element id="Condition.code.coding:snomed_CT.display.extension">
218   <path value="Condition.code.coding.display.extension" />
219   < slicing>
220     < discriminator>
221       < type value="value" />
222       < path value="url" />
223     </ discriminator>
224     < rules value="open" />
225   </ slicing>
226 </ element>
227 < element id="Condition.code.coding:snomed_CT.display.extension:anzeigen
ameCodeSnomed">
228   < path value="Condition.code.coding.display.extension" />
229   < sliceName value="anzeigenameCodeSnomed" />
230   < min value="1" />
231   < max value="1" />
232   < type>
233     < code value="Extension" />
234     < profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German|1.1.1" />
235   </ type>
236 </ element>
237 < element id="Condition.code.coding:snomed_CT.display.extension:anzeigen
ameCodeSnomed.extension">
238   < path value="Condition.code.coding.display.extension.extension" />
239   < slicing>
240     < discriminator>
241       < type value="value" />
242       < path value="url" />
243     </ discriminator>
244     < rules value="open" />
245   </ slicing>
246 </ element>
247 < element id="Condition.code.coding:snomed_CT.display.extension:anzeigen
ameCodeSnomed.extension:content">
248   < path value="Condition.code.coding.display.extension.extension" />
249   < sliceName value="content" />
250 </ element>
251 < element id="Condition.code.coding:snomed_CT.display.extension:anzeigen
ameCodeSnomed.extension:content.value[x]:valueString">
252   < path value="Condition.code.coding.display.extension.extension.value[
x]" />
253   < sliceName value="valueString" />
254   < definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Snomed-Codes aus der Conceptmap eingetragen
werden, also in diesem Fall den Displaynamen des Targetsystems aus
KBV_CM_MIO_Vaccination_Prior_Disease_German" />
255 </ element>
256 < element id="Condition.code.coding:snomed_CT.userSelected">
257   < path value="Condition.code.coding.userSelected" />
258   < max value="0" />
259 </ element>
260 < element id="Condition.code.coding:icd-10-gm">
261   < path value="Condition.code.coding" />

```

```

262     <sliceName value="icd-10-gm" />
263     <max value="1" />
264     <mustSupport value="true" />
265     <binding>
266         <strength value="required" />
267         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Prior_Disease_ICD|1.1.0" />
268     </binding>
269 </element>
270 <element id="Condition.code.coding:icd-10-gm.system">
271     <path value="Condition.code.coding.system" />
272     <min value="1" />
273     <fixedUri value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
274     <mustSupport value="true" />
275 </element>
276 <element id="Condition.code.coding:icd-10-gm.version">
277     <path value="Condition.code.coding.version" />
278     <min value="1" />
279     <mustSupport value="true" />
280 </element>
281 <element id="Condition.code.coding:icd-10-gm.code">
282     <path value="Condition.code.coding.code" />
283     <min value="1" />
284     <mustSupport value="true" />
285 </element>
286 <element id="Condition.code.coding:icd-10-gm.display">
287     <path value="Condition.code.coding.display" />
288     <min value="1" />
289     <mustSupport value="true" />
290 </element>
291 <element id="Condition.code.coding:icd-10-gm.userSelected">
292     <path value="Condition.code.coding.userSelected" />
293     <max value="0" />
294 </element>
295 <element id="Condition.code.text">
296     <path value="Condition.code.text" />
297     <max value="0" />
298 </element>
299 <element id="Condition.bodySite">
300     <path value="Condition.bodySite" />
301     <max value="0" />
302 </element>
303 <element id="Condition.subject">
304     <path value="Condition.subject" />
305     <type>
306         <code value="Reference" />
307         <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient|1.1.0" />
308     </type>
309     <mustSupport value="true" />
310 </element>
311 <element id="Condition.subject.reference">
312     <path value="Condition.subject.reference" />
313     <min value="1" />
314     <mustSupport value="true" />
315 </element>
316 <element id="Condition.subject.type">
317     <path value="Condition.subject.type" />
318     <max value="0" />
319 </element>

```

```

320 <element id="Condition.subject.identifier">
321   <path value="Condition.subject.identifier" />
322   <max value="0" />
323 </element>
324 <element id="Condition.subject.display">
325   <path value="Condition.subject.display" />
326   <max value="0" />
327 </element>
328 <element id="Condition.encounter">
329   <path value="Condition.encounter" />
330   <max value="0" />
331 </element>
332 <element id="Condition.onset[x]">
333   <path value="Condition.onset[x]" />
334   <slicing>
335     <discriminator>
336       <type value="type" />
337       <path value="$this" />
338     </discriminator>
339     <rules value="open" />
340   </slicing>
341   <mustSupport value="true" />
342 </element>
343 <element id="Condition.onset[x]:onsetString">
344   <path value="Condition.onset[x]" />
345   <sliceName value="onsetString" />
346   <type>
347     <code value="string" />
348   </type>
349   <mustSupport value="true" />
350 </element>
351 <element id="Condition.onset[x]:onsetString.extension">
352   <path value="Condition.onset[x].extension" />
353   <slicing>
354     <discriminator>
355       <type value="value" />
356       <path value="url" />
357     </discriminator>
358     <rules value="open" />
359   </slicing>
360 </element>
361 <element id="Condition.onset[x]:onsetString.extension:lebensphase">
362   <path value="Condition.onset[x].extension" />
363   <sliceName value="lebensphase" />
364   <min value="1" />
365   <max value="1" />
366   <type>
367     <code value="Extension" />
368     <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Age_Groups|1.1.0" />
369   </type>
370   <mustSupport value="true" />
371 </element>
372 <element id="Condition.onset[x]:onsetString.extension:lebensphase.value
[x]:valueCodeableConcept">
373   <path value="Condition.onset[x].extension.value[x]" />
374   <sliceName value="valueCodeableConcept" />
375 </element>
376 <element id="Condition.onset[x]:onsetString.extension:lebensphase.value
[x]:valueCodeableConcept.coding.system">

```

```

377     <path value="Condition.onset[x].extension.value[x].coding.system" />
378     <mustSupport value="true" />
379 </element>
380 <element id="Condition.onset[x]:onsetString.extension:lebensphase.value
[x]:valueCodeableConcept.coding.version">
381     <path value="Condition.onset[x].extension.value[x].coding.version" />
382     <mustSupport value="true" />
383 </element>
384 <element id="Condition.onset[x]:onsetString.extension:lebensphase.value
[x]:valueCodeableConcept.coding.code">
385     <path value="Condition.onset[x].extension.value[x].coding.code" />
386     <mustSupport value="true" />
387 </element>
388 <element id="Condition.onset[x]:onsetString.extension:lebensphase.value
[x]:valueCodeableConcept.coding.display">
389     <path value="Condition.onset[x].extension.value[x].coding.display" />
390     <mustSupport value="true" />
391 </element>
392 <element id="Condition.onset[x]:onsetString.extension:lebensphase.value
[x]:valueCodeableConcept.coding.display.extension">
393     <path value="Condition.onset[x].extension.value[x].coding.display.ext
ension" />
394     < slicing>
395         < discriminator>
396             < type value="value" />
397             < path value="url" />
398         </ discriminator>
399         < rules value="open" />
400     </ slicing>
401 </ element>
402 < element id="Condition.onset[x]:onsetString.extension:lebensphase.value
[x]:valueCodeableConcept.coding.display.extension:anzeigenameCodeSnomed">
403     < path value="Condition.onset[x].extension.value[x].coding.display.ext
ension" />
404     < sliceName value="anzeigenameCodeSnomed" />
405     < min value="1" />
406     < max value="1" />
407 </ element>
408 < element id="Condition.abatement[x]">
409     < path value="Condition.abatement[x]" />
410     < max value="0" />
411 </ element>
412 < element id="Condition.recordedDate">
413     < path value="Condition.recordedDate" />
414     < short value="Dokumentationsdatum" />
415     < definition value="Zeitpunkt, an dem eine Krankheit z. B. durch eine
ärztlich tätige Person in diesem Eintrag dokumentiert wurde. Hinweis: Wenn
zwischen Feststellung der Diagnose und Dokumentationsdatum nicht
unterschieden werden muss, ist das Datum der Feststellung der Diagnose
(Diagnosedatum) anzugeben." />
416     < min value="1" />
417     < mustSupport value="true" />
418 </ element>
419 < element id="Condition.recorder">
420     < path value="Condition.recorder" />
421     < short value="Eintragende Person" />
422     < definition value="Diese Person hat den Eintrag im digitalen Impfpass
getätigt." />
423     < type>
424         < code value="Reference" />

```

```

425     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrolle|1.1.0" />
426     </type>
427     <mustSupport value="true" />
428 </element>
429 <element id="Condition.recorder.reference">
430     <path value="Condition.recorder.reference" />
431     <min value="1" />
432     <mustSupport value="true" />
433 </element>
434 <element id="Condition.recorder.type">
435     <path value="Condition.recorder.type" />
436     <max value="0" />
437 </element>
438 <element id="Condition.recorder.identifrier">
439     <path value="Condition.recorder.identifrier" />
440     <max value="0" />
441 </element>
442 <element id="Condition.recorder.display">
443     <path value="Condition.recorder.display" />
444     <max value="0" />
445 </element>
446 <element id="Condition.asserter">
447     <path value="Condition.asserter" />
448     <max value="0" />
449 </element>
450 <element id="Condition.stage">
451     <path value="Condition.stage" />
452     <max value="0" />
453 </element>
454 <element id="Condition.evidence">
455     <path value="Condition.evidence" />
456     <max value="0" />
457 </element>
458 <element id="Condition.note">
459     <path value="Condition.note" />
460     <short value="Diagnoseerläuterung" />
461     <definition value="Damit soll dem Arzt die Möglichkeit gegeben werden
462     evt. nähere Angaben zu einer Diagnose in Form von Freitext zu machen" />
463     <max value="1" />
464     <mustSupport value="true" />
465 </element>
466 <element id="Condition.note.author[x]">
467     <path value="Condition.note.author[x]" />
468     <max value="0" />
469 </element>
470 <element id="Condition.note.time">
471     <path value="Condition.note.time" />
472     <max value="0" />
473 </element>
474 </differential>
</StructureDefinition>

```

15. KBV_PR_MIO_VACCINATION_OBSERVATION_IMMUNIZATION_STATUS

KBV_PR_MIO_Vaccination_Observation_Immunization_Status

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Observation_Immunization_Status" />
3   <version value="1.1.0" />
4   <name value="KBV_PR_MIO_Vaccination_Observation_Immunization_Status" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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FORMATS), UCUM DEFINITIONS, AND SPECIFICATION ARE PROVIDED "AS IS." ANY
EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
8   <.fhirVersion value="4.0.1" />
9   <kind value="resource" />
10  <abstract value="false" />
11  <type value="Observation" />
12  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Observation" />
13  <derivation value="constraint" />
14  <differential>
15    <element id="Observation">
16      <path value="Observation" />
17      <short value="Titeruntersuchung" />
18      <definition value="In diesem Profil können Ergebnisse von Titer-
Untersuchungen/Antikörper-Bestimmungen von impfpräventablen Erkrankungen
dokumentiert werden, vor allem zur Kontrolle des Impferfolgs. Dafür wird
dokumentiert, welche Titer-Bestimmung durchgeführt wurde, ob überhaupt eine
Nachweisbarkeit gegeben ist und ob sich aus dem bestimmten Wert eine
Immunität ableiten lässt." />
19    <comment value="In der Regel werden für die meisten Impfungen bzw.
impfpräventablen Erkrankungen keine Titerbestimmungen empfohlen - wenn
diese jedoch angezeigt sind und durchgeführt werden, kann hier dokumentiert
werden, welcher Titer bestimmt wurde und ob die Immunität anzunehmen ist."
/>
```

```

20     <constraint>
21         <key value="issued" />
22         <severity value="error" />
23         <human value="Das Untersuchungsdatum muss mindestens JJJJ-MM
Stellen haben" />
24         <expression value="issued.toString().length()>=7" />
25         <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Observation_Immunization_Status" />
26     </constraint>
27     <constraint>
28         <key value="Code" />
29         <severity value="error" />
30         <human value="Wenn der Code 26268376005 oder 268375009 oder
440662009 oder 440661002 ausgewählt wurde, dann kann die Immunität
angegeben werden, ansonsten muss die Immunität angegeben werden." />
31         <expression value="code.coding.where(system='http://snomed.info/
sct' and (code!='268376005' and code!='268375009' and code!='440662009' and
code!='440661002')).exists() implies interpretation.exists()" />
32         <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Observation_Immunization_Status" />
33     </constraint>
34 </element>
35 <element id="Observation.meta">
36     <path value="Observation.meta" />
37     <min value="1" />
38 </element>
39 <element id="Observation.meta.versionId">
40     <path value="Observation.meta.versionId" />
41     <max value="0" />
42 </element>
43 <element id="Observation.meta.lastUpdated">
44     <path value="Observation.meta.lastUpdated" />
45     <max value="0" />
46 </element>
47 <element id="Observation.meta.source">
48     <path value="Observation.meta.source" />
49     <max value="0" />
50 </element>
51 <element id="Observation.meta.profile">
52     <path value="Observation.meta.profile" />
53     <min value="1" />
54     <max value="1" />
55     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Observation_Immunization_Status|1.1.0" />
56 </element>
57 <element id="Observation.meta.security">
58     <path value="Observation.meta.security" />
59     <max value="0" />
60 </element>
61 <element id="Observation.meta.tag">
62     <path value="Observation.meta.tag" />
63     <max value="0" />
64 </element>
65 <element id="Observation.implicitRules">
66     <path value="Observation.implicitRules" />
67     <max value="0" />
68 </element>
69 <element id="Observation.language">
70     <path value="Observation.language" />
71     <max value="0" />

```

```

72     </element>
73     <element id="Observation.contained">
74         <path value="Observation.contained" />
75         <max value="0" />
76     </element>
77     <element id="Observation.identifier">
78         <path value="Observation.identifier" />
79         <max value="0" />
80     </element>
81     <element id="Observation.basedOn">
82         <path value="Observation.basedOn" />
83         <max value="0" />
84     </element>
85     <element id="Observation.partOf">
86         <path value="Observation.partOf" />
87         <max value="0" />
88     </element>
89     <element id="Observation.status">
90         <path value="Observation.status" />
91         <fixedCode value="final" />
92     </element>
93     <element id="Observation.category">
94         <path value="Observation.category" />
95         <max value="0" />
96     </element>
97     <element id="Observation.code">
98         <path value="Observation.code" />
99         <mustSupport value="true" />
100    </element>
101    <element id="Observation.code.coding">
102        <path value="Observation.code.coding" />
103        <slicing>
104            <discriminator>
105                <type value="value" />
106                <path value="system" />
107            </discriminator>
108            <rules value="closed" />
109        </slicing>
110        <min value="1" />
111        <max value="2" />
112        <mustSupport value="true" />
113    </element>
114    <element id="Observation.code.coding:snomedCT">
115        <path value="Observation.code.coding" />
116        <sliceName value="snomedCT" />
117        <min value="1" />
118        <max value="1" />
119        <mustSupport value="true" />
120        <binding>
121            <strength value="required" />
122            <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Snomed_All|1.1.0" /
>
123        </binding>
124    </element>
125    <element id="Observation.code.coding:snomedCT.system">
126        <path value="Observation.code.coding.system" />
127        <min value="1" />
128        <fixedUri value="http://snomed.info/sct" />
129        <mustSupport value="true" />

```



```

130 </element>
131 <element id="Observation.code.coding:snomedCT.version">
132   <path value="Observation.code.coding.version" />
133   <min value="1" />
134   <mustSupport value="true" />
135 </element>
136 <element id="Observation.code.coding:snomedCT.code">
137   <path value="Observation.code.coding.code" />
138   <min value="1" />
139   <mustSupport value="true" />
140 </element>
141 <element id="Observation.code.coding:snomedCT.display">
142   <path value="Observation.code.coding.display" />
143   <min value="1" />
144   <mustSupport value="true" />
145 </element>
146 <element id="Observation.code.coding:snomedCT.display.extension">
147   <path value="Observation.code.coding.display.extension" />
148   <licing>
149     <discriminator>
150       <type value="value" />
151       <path value="url" />
152     </discriminator>
153     <rules value="open" />
154   </licing>
155 </element>
156 <element id="Observation.code.coding:snomedCT.display.extension:anzeige
nameCodeSnomed">
157   <path value="Observation.code.coding.display.extension" />
158   <sliceName value="anzeigenameCodeSnomed" />
159   <min value="1" />
160   <max value="1" />
161   <type>
162     <code value="Extension" />
163     <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German|1.1.1" />
164   </type>
165   <mustSupport value="true" />
166 </element>
167 <element id="Observation.code.coding:snomedCT.display.extension:anzeige
nameCodeSnomed.extension">
168   <path value="Observation.code.coding.display.extension.extension" />
169   <licing>
170     <discriminator>
171       <type value="value" />
172       <path value="url" />
173     </discriminator>
174     <rules value="open" />
175   </licing>
176 </element>
177 <element id="Observation.code.coding:snomedCT.display.extension:anzeige
nameCodeSnomed.extension:content">
178   <path value="Observation.code.coding.display.extension.extension" />
179   <sliceName value="content" />
180 </element>
181 <element id="Observation.code.coding:snomedCT.display.extension:anzeige
nameCodeSnomed.extension:content.value[x]:valueString">
182   <path value="Observation.code.coding.display.extension.extension.valu
e[x]" />
183   <sliceName value="valueString" />

```

```

184     <short value="Anzeigename" />
185     <definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Loinc oder Snomed-Codes aus der Conceptmap
eingetragen werden, also in diesem Fall den Displaynamen des Targetsystems
aus https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_German" />
186   </element>
187   <element id="Observation.code.coding:loinc">
188     <path value="Observation.code.coding" />
189     <sliceName value="loinc" />
190     <max value="1" />
191     <mustSupport value="true" />
192     <binding>
193       <strength value="required" />
194       <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence|1.1.0" />
195     </binding>
196   </element>
197   <element id="Observation.code.coding:loinc.system">
198     <path value="Observation.code.coding.system" />
199     <min value="1" />
200     <fixedUri value="http://loinc.org" />
201     <mustSupport value="true" />
202   </element>
203   <element id="Observation.code.coding:loinc.version">
204     <path value="Observation.code.coding.version" />
205     <min value="1" />
206     <mustSupport value="true" />
207   </element>
208   <element id="Observation.code.coding:loinc.code">
209     <path value="Observation.code.coding.code" />
210     <min value="1" />
211     <mustSupport value="true" />
212   </element>
213   <element id="Observation.code.coding:loinc.display">
214     <path value="Observation.code.coding.display" />
215     <min value="1" />
216     <mustSupport value="true" />
217   </element>
218   <element id="Observation.code.coding:loinc.display.extension">
219     <path value="Observation.code.coding.display.extension" />
220     <slicing>
221       <discriminator>
222         <type value="value" />
223         <path value="url" />
224       </discriminator>
225       <rules value="open" />
226     </slicing>
227   </element>
228   <element id="Observation.code.coding:loinc.display.extension:anzeigenam
eCodeLoinc">
229     <path value="Observation.code.coding.display.extension" />
230     <sliceName value="anzeigenameCodeLoinc" />
231     <min value="1" />
232     <max value="1" />
233     <type>
234       <code value="Extension" />
235       <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German|1.1.1" />
236     </type>

```

```

237     </element>
238     <element id="Observation.code.coding:loinc.display.extension:anzeigenam
eCodeLoinc.extension">
239         <path value="Observation.code.coding.display.extension.extension" />
240         <slicing>
241             <discriminator>
242                 <type value="value" />
243                 <path value="url" />
244             </discriminator>
245             <rules value="open" />
246         </slicing>
247     </element>
248     <element id="Observation.code.coding:loinc.display.extension:anzeigenam
eCodeLoinc.extension:content">
249         <path value="Observation.code.coding.display.extension.extension" />
250         <sliceName value="content" />
251     </element>
252     <element id="Observation.code.coding:loinc.display.extension:anzeigenam
eCodeLoinc.extension:content.value[x]:valueString">
253         <path value="Observation.code.coding.display.extension.extension.valu
e[x]" />
254         <sliceName value="valueString" />
255         <short value="Anzeigename" />
256         <definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Loinc oder Snomed-Codes aus der Conceptmap
eingetragen werden, also in diesem Fall den Displaynamen des Targetsystems
aus https://fhir.kbv.de/ConceptMap/
KBV\_CM\_MIO\_Vaccination\_Lab\_ImmuneReaction\_Test\_Presence\_German" />
257     </element>
258     <element id="Observation.code.text">
259         <path value="Observation.code.text" />
260         <max value="0" />
261     </element>
262     <element id="Observation.subject">
263         <path value="Observation.subject" />
264         <min value="1" />
265         <type>
266             <code value="Reference" />
267             <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Patient|1.1.0" />
268         </type>
269         <mustSupport value="true" />
270     </element>
271     <element id="Observation.subject.reference">
272         <path value="Observation.subject.reference" />
273         <min value="1" />
274         <mustSupport value="true" />
275     </element>
276     <element id="Observation.subject.type">
277         <path value="Observation.subject.type" />
278         <max value="0" />
279     </element>
280     <element id="Observation.subject.identifizier">
281         <path value="Observation.subject.identifizier" />
282         <max value="0" />
283     </element>
284     <element id="Observation.subject.display">
285         <path value="Observation.subject.display" />
286         <max value="0" />
287     </element>

```

```

288 <element id="Observation.focus">
289   <path value="Observation.focus" />
290   <max value="0" />
291 </element>
292 <element id="Observation.encounter">
293   <path value="Observation.encounter" />
294   <max value="0" />
295 </element>
296 <element id="Observation.effective[x]">
297   <path value="Observation.effective[x]" />
298   <max value="0" />
299 </element>
300 <element id="Observation.issued">
301   <path value="Observation.issued" />
302   <short value="Datum der Untersuchung" />
303   <definition value="Dieses Element beschreibt das Datum, wann die
Laboruntersuchung des Titers durchgeführt wurde." />
304   <min value="1" />
305   <mustSupport value="true" />
306 </element>
307 <element id="Observation.performer">
308   <path value="Observation.performer" />
309   <max value="0" />
310 </element>
311 <element id="Observation.value[x]">
312   <path value="Observation.value[x]" />
313   <max value="0" />
314 </element>
315 <element id="Observation.dataAbsentReason">
316   <path value="Observation.dataAbsentReason" />
317   <max value="0" />
318 </element>
319 <element id="Observation.interpretation">
320   <path value="Observation.interpretation" />
321   <short value="Nachweisbarkeit" />
322   <definition value="Die Nachweisbarkeit beschreibt das Erreichen der
Nachweisgrenze und damit das Ergebnis des Tests. Das Ergebnis ist im Sinne
von Positiv/Negativ anzugeben, dazu ist ein Code der LOINC Answer-List zu
verwenden. Das Ergebnis erlaubt noch keine Aussage über die Immunität." />
323   <max value="1" />
324   <mustSupport value="true" />
325   <binding>
326     <strength value="required" />
327     <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Lab_Titer_Immunity|1.1.0" />
328   </binding>
329 </element>
330 <element id="Observation.interpretation.coding">
331   <path value="Observation.interpretation.coding" />
332   <min value="1" />
333   <max value="1" />
334   <mustSupport value="true" />
335 </element>
336 <element id="Observation.interpretation.coding.system">
337   <path value="Observation.interpretation.coding.system" />
338   <min value="1" />
339   <mustSupport value="true" />
340 </element>
341 <element id="Observation.interpretation.coding.version">
342   <path value="Observation.interpretation.coding.version" />

```

```

343     <min value="1" />
344     <mustSupport value="true" />
345 </element>
346 <element id="Observation.interpretation.coding.code">
347   <path value="Observation.interpretation.coding.code" />
348   <min value="1" />
349   <mustSupport value="true" />
350 </element>
351 <element id="Observation.interpretation.coding.display">
352   <path value="Observation.interpretation.coding.display" />
353   <min value="1" />
354   <mustSupport value="true" />
355 </element>
356 <element id="Observation.interpretation.coding.display.extension">
357   <path value="Observation.interpretation.coding.display.extension" />
358   <slicing>
359     <discriminator>
360       <type value="value" />
361       <path value="url" />
362     </discriminator>
363     <rules value="open" />
364   </slicing>
365 </element>
366 <element id="Observation.interpretation.coding.display.extension:anzeig
enameCodeSnomed">
367   <path value="Observation.interpretation.coding.display.extension" />
368   <sliceName value="anzeigenameCodeSnomed" />
369   <min value="1" />
370   <max value="1" />
371   <type>
372     <code value="Extension" />
373     <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German|1.1.1" />
374   </type>
375 </element>
376 <element id="Observation.interpretation.coding.display.extension:anzeig
enameCodeSnomed.extension">
377   <path value="Observation.interpretation.coding.display.extension.exte
nsion" />
378   <slicing>
379     <discriminator>
380       <type value="value" />
381       <path value="url" />
382     </discriminator>
383     <rules value="open" />
384   </slicing>
385 </element>
386 <element id="Observation.interpretation.coding.display.extension:anzeig
enameCodeSnomed.extension:content">
387   <path value="Observation.interpretation.coding.display.extension.exte
nsion" />
388   <sliceName value="content" />
389 </element>
390 <element id="Observation.interpretation.coding.display.extension:anzeig
enameCodeSnomed.extension:content.value[x]:valueString">
391   <path value="Observation.interpretation.coding.display.extension.exte
nsion.value[x]" />
392   <sliceName value="valueString" />
393   <short value="Anzeige" />

```

```

394     <definition value="In diesem Attribut sollen die entsprechende
deutsche Bezeichnung des Snomed-Codes aus der Conceptmap eingetragen
werden, also in diesem Fall den Displaynamen des Targetsystems aus https://
fhir.kbv.de/ConceptMap/KBV_CM_MIO_Vaccination_Lab_Titer_Immunity_German" />
395   </element>
396   <element id="Observation.interpretation.coding.userSelected">
397     <path value="Observation.interpretation.coding.userSelected" />
398     <max value="0" />
399   </element>
400   <element id="Observation.interpretation.text">
401     <path value="Observation.interpretation.text" />
402     <max value="0" />
403   </element>
404   <element id="Observation.note">
405     <path value="Observation.note" />
406     <short value="Ergänzende Angaben zur Titerbestimmung" />
407     <definition value="Ergänzende Angaben zur Titerbestimmung" />
408     <max value="1" />
409     <mustSupport value="true" />
410   </element>
411   <element id="Observation.note.author[x]">
412     <path value="Observation.note.author[x]" />
413     <max value="0" />
414   </element>
415   <element id="Observation.note.time">
416     <path value="Observation.note.time" />
417     <max value="0" />
418   </element>
419   <element id="Observation.bodySite">
420     <path value="Observation.bodySite" />
421     <max value="0" />
422   </element>
423   <element id="Observation.method">
424     <path value="Observation.method" />
425     <max value="0" />
426   </element>
427   <element id="Observation.specimen">
428     <path value="Observation.specimen" />
429     <max value="0" />
430   </element>
431   <element id="Observation.device">
432     <path value="Observation.device" />
433     <max value="0" />
434   </element>
435   <element id="Observation.referenceRange">
436     <path value="Observation.referenceRange" />
437     <max value="0" />
438   </element>
439   <element id="Observation.hasMember">
440     <path value="Observation.hasMember" />
441     <max value="0" />
442   </element>
443   <element id="Observation.derivedFrom">
444     <path value="Observation.derivedFrom" />
445     <max value="0" />
446   </element>
447   <element id="Observation.component">
448     <path value="Observation.component" />
449     <max value="0" />
450   </element>

```

```
451 </differential>  
452 </StructureDefinition>
```

16. KBV_CM_MIO_VACCINATION_IHEXDS_AUTHORSPECIALITY_RESTRICTED_GERMAN

KBV_CM_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted_German	
1	<ConceptMap xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ConceptMap/
3	KBV_CM_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted_German" />
4	<version value="1.1.0" />
5	<name value="KBV_CM_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted_German" />
6	<status value="active" />
7	<experimental value="false" />
8	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9	<contact>
10	<telecom>
11	<system value="url" />
12	<value value="http://www.kbv.de" />
13	</telecom>
14	</contact>
15	<description value="Diese Conceptmap verknüpft die Codes für die Rolle des Behandelnden mit deutschen Bezeichnungen." />
16	<copyright value="Im folgenden Profil können Codes aus den Codesystemen Snomed, Loinc oder Ucum enthalten sein, die dem folgenden Urheberrecht unterliegen: This material includes SNOMED Clinical Terms® (SNOMED CT®) which is used by permission of SNOMED International. All rights reserved. SNOMED CT®, was originally created by The College of American Pathologists. SNOMED and SNOMED CT are registered trademarks of SNOMED International. Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license. This material contains content from LOINC (http://loinc.org). LOINC is copyright © 1995–2020, Regenstrief Institute, Inc. and the Logical Observation Identifiers Names and Codes (LOINC) Committee and is available at no cost under the license at http://loinc.org/license. LOINC® is a registered United States trademark of Regenstrief Institute, Inc. This product includes all or a portion of the UCUM table, UCUM codes, and UCUM definitions or is derived from it, subject to a license from Regenstrief Institute, Inc. and The UCUM Organization. Your use of the UCUM table, UCUM codes, UCUM definitions also is subject to this license, a copy of which is available at http://unitsofmeasure.org. The current complete UCUM table, UCUM Specification are available for download at http://unitsofmeasure.org. The UCUM table and UCUM codes are copyright © 1995–2009, Regenstrief Institute, Inc. and the Unified Codes for Units of Measures (UCUM) Organization. All rights reserved. THE UCUM TABLE (IN ALL FORMATS), UCUM DEFINITIONS, AND SPECIFICATION ARE PROVIDED "AS IS." ANY EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE." />
17	<group>
18	<source value="http://snomed.info/sct" />
19	<sourceVersion value="http://snomed.info/sct/900000000000207008/version/20200731" />
20	<target value="https://fhir.kbv.de/CodeSystem/
21	KBV_CS_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted_German" />
22	<targetVersion value="1.1.0" />
23	<element>
24	<code value="309343006" />
25	<display value="Physician (occupation)" />
26	<target>
27	<code value="arztaerztin" />


```
26     <display value="Arzt/ Ärztin" />
27     <equivalence value="equivalent" />
28   </target>
29 </element>
30 </group>
31 </ConceptMap>
```

17. KBV_CM_MIO_VACCINATION_IMMUNIZATIONORIGINCODES_GERMAN

KBV_CM_MIO_Vaccination_ImmunizationOriginCodes_German

```
1 <ConceptMap xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_ImmunizationOriginCodes_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CM_MIO_Vaccination_ImmunizationOriginCodes_German" />
5   <status value="active" />
6   <experimental value="false" />
7   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8   <description value="Diese Conceptmap verknüpft die Codes für die Quelle
der Information, die für den Nachtrag einer Impfung verwendet werden, mit
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EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
10   <group>
11     <source value="http://terminology.hl7.org/CodeSystem/immunization-
origin" />
12     <target value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_ImmunizationOriginCodes_German" />
13     <element>
14       <code value="recall" />
15       <display value="Parent/Guardian/Patient Recall" />
16       <target>
17         <code value="ElternPatientenErziehungsberechtigterErinnerung" />
18         <display value="Eltern/Erziehungsberechtigter/Patienten
Erinnerung" />
19         <equivalence value="equivalent" />
20       </target>
21     </element>
22     <element>
23       <code value="record" />
24       <display value="Written Record" />
```

```
25     <target>
26       <code value="SchriftlicheDokumentation" />
27       <display value="Schriftliche Dokumentation" />
28       <equivalence value="equivalent" />
29     </target>
30 </element>
31 <element>
32   <code value="provider" />
33   <display value="Other Provider" />
34   <target>
35     <code value="AndererArztodersonstigerimGesundheitsberuf" />
36     <display value="Anderer Arzt oder sonstiger im Gesundheitsberuf" />
37     <equivalence value="equivalent" />
38   </target>
39 </element>
40 </group>
41 </ConceptMap>
```

18. KBV_CM_MIO_VACCINATION_LAB_IMMUNEREACTION_TEST_PRESENCE_GERMAN

KBV_CM_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_German

```

1  <ConceptMap xmlns="http://hl7.org/fhir">
2    <url value="https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_German" />
3    <version value="1.1.0" />
4    <name value="KBV_CM_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Germ
an" />
5    <status value="active" />
6    <experimental value="false" />
7    <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8    <description value="Diese Conceptmap dient dem Mapping der Loinc-Codes
zur Art der Immunreaktion auf die deutschen Bezeichnungen" />
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EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
10   <group>
11     <source value="http://loinc.org" />
12     <target value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_German" />
13     <element>
14       <code value="22600-1" />
15       <display value="Varicella zoster virus Ab [Presence] in Serum" />
16       <target>
17         <code value="VarizellenAntikoerpernachweis" />
18         <display value="Varizellen Antikörpernachweis" />
19         <equivalence value="equivalent" />
20       </target>
21     </element>
22     <element>
23       <code value="26643-7" />
24       <display value="Clostridium tetani toxoid Ab [Presence] in Serum" />
25       <target>
26         <code value="TetanusAntikoerpernachweis" />

```

```

27     <display value="Tetanus Antikörpernachweis" />
28     <equivalence value="equivalent" />
29   </target>
30 </element>
31 <element>
32   <code value="30546-6" />
33   <display value="Polio virus 1 Ab [Presence] in Serum" />
34   <target>
35     <code value="PolioAntikoerpernachweis" />
36     <display value="Polio Antikörpernachweis" />
37     <equivalence value="equivalent" />
38   </target>
39 </element>
40 <element>
41   <code value="31998-8" />
42   <display value="Bordetella pertussis Ab [Presence] in Serum" />
43   <target>
44     <code value="PertussisAntikoerpernachweis" />
45     <display value="Pertussis Antikörpernachweis" />
46     <equivalence value="equivalent" />
47   </target>
48 </element>
49 <element>
50   <code value="31503-6" />
51   <display value="Mumps virus Ab [Presence] in Serum" />
52   <target>
53     <code value="MumpsAntikoerpernachweis" />
54     <display value="Mumps Antikörpernachweis" />
55     <equivalence value="equivalent" />
56   </target>
57 </element>
58 <element>
59   <code value="17322-9" />
60   <display value="Neisseria meningitidis Ab [Presence] in Serum" />
61   <target>
62     <code value="MeningokokkenAntikoerpernachweis" />
63     <display value="Meningokokken Antikörpernachweis" />
64     <equivalence value="equivalent" />
65   </target>
66 </element>
67 <element>
68   <code value="46197-0" />
69   <display value="Measles virus Ab [Presence] in Serum" />
70   <target>
71     <code value="MasernAntikoerpernachweis" />
72     <display value="Masern Antikörpernachweis" />
73     <equivalence value="equivalent" />
74   </target>
75 </element>
76 <element>
77   <code value="22322-2" />
78   <display value="Hepatitis B virus surface Ab [Presence] in Serum" />
79   <target>
80     <code value="HepatitisBAntikoerpernachweis" />
81     <display value="Hepatitis B Antikörpernachweis" />
82     <equivalence value="equivalent" />
83   </target>
84 </element>
85 <element>
86   <code value="20575-7" />

```

```

87     <display value="Hepatitis A virus Ab [Presence] in Serum" />
88     <target>
89         <code value="HepatitisAAntikoerpernachweis" />
90         <display value="Hepatitis A Antikörpernachweis" />
91         <equivalence value="equivalent" />
92     </target>
93 </element>
94 <element>
95     <code value="26630-4" />
96     <display value="Corynebacterium diphtheriae toxin Ab [Presence] in
Serum" />
97     <target>
98         <code value="DiphtherieAntikoerpernachweis" />
99         <display value="Diphtherie Antikörpernachweis" />
100        <equivalence value="equivalent" />
101    </target>
102 </element>
103 <element>
104     <code value="22496-4" />
105     <display value="Rubella virus Ab [Presence] in Serum" />
106     <target>
107         <code value="RoetelnAntikoerpernachweis" />
108         <display value="Röteln Antikörpernachweis" />
109         <equivalence value="equivalent" />
110    </target>
111 </element>
112 <element>
113     <code value="30553-2" />
114     <display value="Rabies virus Ab [Presence] in Serum" />
115     <target>
116         <code value="TollwutAntikoerperbestimmung" />
117         <display value="Tollwut Antikörperbestimmung" />
118         <equivalence value="equivalent" />
119    </target>
120 </element>
121 </group>
122 <group>
123     <source value="http://snomed.info/sct" />
124     <target value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_German" />
125     <element>
126         <code value="268376005" />
127         <display value="Mantoux: positive (finding)" />
128         <target>
129             <code value="TuberkuloseMendelMantouxTestpositiv" />
130             <display value="Tuberkulose - Mendel-Mantoux-Test positiv" />
131             <equivalence value="equivalent" />
132         </target>
133     </element>
134     <element>
135         <code value="268375009" />
136         <display value="Mantoux: negative (finding)" />
137         <target>
138             <code value="TuberkuloseMendelMantouxTestnegativ" />
139             <display value="Tuberkulose - Mendel-Mantoux-Test negativ" />
140             <equivalence value="equivalent" />
141         </target>
142     </element>
143     <element>
144         <code value="440662009" />

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145     <display value="Interferon gamma assay positive (finding)" />
146     <target>
147         <code value="TuberkuloseInterferongammaassaypositiv" />
148         <display value="Tuberkulose - Interferon gamma assay positiv" />
149         <equivalence value="equivalent" />
150     </target>
151 </element>
152 <element>
153     <code value="440661002" />
154     <display value="Interferon gamma assay negative (finding)" />
155     <target>
156         <code value="TuberkuloseInterferongammaassaynegativ" />
157         <display value="Tuberkulose - Interferon gamma assay negativ" />
158         <equivalence value="equivalent" />
159     </target>
160 </element>
161 <element>
162     <code value="363787002:246093002=259858000,370134009=123029007,370132
163     >
164         <display value="Observable entity (observable entity) : Component
165         (attribute) = Varicella-zoster virus antibody (substance) , Time aspect
166         (attribute) = Single point in time (qualifier value) , Scale type
167         (attribute) = Ordinal value (qualifier value) , Inheres in (attribute) =
168         Plasma (substance) , Property (attribute) = Presence (property) (qualifier
169         value) , Direct site (attribute) = Serum specimen (specimen)" />
170     <target>
171         <code value="VarizellenAntikoerpernachweis" />
172         <display value="Varizellen Antikörpernachweis" />
173         <equivalence value="equivalent" />
174     </target>
175 </element>
176 <element>
177     <code value="363787002:370134009=123029007,246093002=259833005,370132
178     008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
179     >
180         <display value="Observable entity (observable entity):Time aspect
181         (attribute)=Single point in time (qualifier value),Component
182         (attribute)=Clostridium tetani toxoid antibody (substance),Scale type
183         (attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
184         (substance),Property (attribute)=Presence (property) (qualifier
185         value),Direct site (attribute)=Serum specimen (specimen)" />
186     <target>
187         <code value="TetanusAntikoerpernachweis" />
188         <display value="Tetanus Antikörpernachweis" />
189         <equivalence value="equivalent" />
190     </target>
191 </element>
192 <element>
193     <code value="363787002:370134009=123029007,246093002=120856009,370132
194     008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
195     >
196         <display value="Observable entity (observable entity):Time aspect
197         (attribute)=Single point in time (qualifier value),Component
198         (attribute)=Human poliovirus 1 antibody (substance),Scale type
199         (attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
200         (substance),Property (attribute)=Presence (property) (qualifier
201         value),Direct site (attribute)=Serum specimen (specimen)" />
202     <target>
203         <code value="PolioAntikoerpernachweis" />

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```

184     <display value="Polio Antikörpernachweis" />
185     <equivalence value="equivalent" />
186   </target>
187 </element>
188 <element>
189   <code value="363787002:246093002=120662001,370134009=123029007,370132
008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
>
190   <display value="Observable entity (observable entity):Component
(attribute)=Bordetella pertussis antibody (substance),Time aspect
(attribute)=Single point in time (qualifier value),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
191   <target>
192     <code value="PertussisAntikoerpernachweis" />
193     <display value="Pertussis Antikörpernachweis" />
194     <equivalence value="equivalent" />
195   </target>
196 </element>
197 <element>
198   <code value="363787002:246093002=120721000,370134009=123029007,370132
008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
>
199   <display value="Observable entity (observable entity):Component
(attribute)=Mumps virus antibody (substance),Time aspect (attribute)=Single
point in time (qualifier value),Scale type (attribute)=Ordinal value
(qualifier value),Inheres in (attribute)=Plasma (substance),Property
(attribute)=Presence (property) (qualifier value),Direct site
(attribute)=Serum specimen (specimen)" />
200   <target>
201     <code value="MumpsAntikoerpernachweis" />
202     <display value="Mumps Antikörpernachweis" />
203     <equivalence value="equivalent" />
204   </target>
205 </element>
206 <element>
207   <code value="363787002:370134009=123029007,246093002=120871008,370132
008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
>
208   <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Neisseria meningitidis antibody (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
209   <target>
210     <code value="MeningokokkenAntikoerpernachweis" />
211     <display value="Meningokokken Antikörpernachweis" />
212     <equivalence value="equivalent" />
213   </target>
214 </element>
215 <element>
216   <code value="363787002:370134009=123029007,246093002=120969007,370132
008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
>

```



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217     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Measles virus antibody (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
218     <target>
219         <code value="MasernAntikoerpernachweis" />
220         <display value="Masern Antikörpernachweis" />
221         <equivalence value="equivalent" />
222     </target>
223 </element>
224 <element>
225     <code value="363787002:246093002=120886002,370134009=123029007,370132
008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
>
226     <display value="Observable entity (observable entity): Component
(attribute) = Haemophilus influenzae type B antibody (substance) , Time
aspect (attribute) = Single point in time (qualifier value) , Scale type
(attribute) = Ordinal value (qualifier value) , Inheres in (attribute) =
Plasma (substance) , Property (attribute) = Presence (property) (qualifier
value) , Direct site (attribute) = Serum specimen (specimen)" />
227     <target>
228         <code value="HaemophilusinfluenzaeBAntikoerpernachweis" />
229         <display value="Haemophilus influenzae B Antikörpernachweis" />
230         <equivalence value="equivalent" />
231     </target>
232 </element>
233 <element>
234     <code value="363787002:370134009=123029007,246093002=122450004,370132
008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
>
235     <display value="Observable entity (observable entity) : Time aspect
(attribute) = Single point in time (qualifier value) , Component
(attribute) = Antibody to hepatitis B virus (substance) , Scale type
(attribute) = Ordinal value (qualifier value) , Inheres in (attribute) =
Plasma (substance) , Property (attribute) = Presence (property) (qualifier
value) , Direct site (attribute) = Serum specimen (specimen)" />
236     <target>
237         <code value="HepatitisBAntikoerpernachweis" />
238         <display value="Hepatitis B Antikörpernachweis" />
239         <equivalence value="equivalent" />
240     </target>
241 </element>
242 <element>
243     <code value="363787002:370134009=123029007,246093002=32609007,3701320
08=117363000,704319004=50863008,370130000=705057003,704327008=119364003" />
244     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Antibody to hepatitis A virus (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
245     <target>
246         <code value="HepatitisAAntikoerpernachweis" />
247         <display value="Hepatitis A Antikörpernachweis" />
248         <equivalence value="equivalent" />
249     </target>
250 </element>
251 <element>

```

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252     <code value="363787002:370134009=123029007,370132008=117363000,704319
004=50863008,246093002=259834004,370130000=705057003,704327008=119364003" /
>
253     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Component (attribute)=Corynebacterium diphtheriae toxoid
antibody (substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
254     <target>
255         <code value="DiphtherieAntikoerpernachweis" />
256         <display value="Diphtherie Antikörpernachweis" />
257         <equivalence value="equivalent" />
258     </target>
259 </element>
260 <element>
261     <code value="363787002:246093002=120737006,370134009=123029007,370132
008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
>
262     <display value="Observable entity (observable entity):Component
(attribute)=Rubella virus antibody (substance),Time aspect
(attribute)=Single point in time (qualifier value),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
263     <target>
264         <code value="RoetelnAntikoerpernachweis" />
265         <display value="Röteln Antikörpernachweis" />
266         <equivalence value="equivalent" />
267     </target>
268 </element>
269 <element>
270     <code value="363787002:370134009=123029007,246093002=120850003,370132
008=117363000,704319004=50863008,370130000=705057003,704327008=119364003" /
>
271     <display value="Observable entity (observable entity) : Time aspect
(attribute) = Single point in time (qualifier value) , Component
(attribute) = Rabies virus antibody (substance) , Scale type (attribute) =
Ordinal value (qualifier value) , Inheres in (attribute) = Plasma
(substance) , Property (attribute) = Presence (property) (qualifier
value) , Direct site (attribute) = Serum specimen (specimen)" />
272     <target>
273         <code value="TollwutAntikoerperbestimmung" />
274         <display value="Tollwut Antikörperbestimmung" />
275         <equivalence value="equivalent" />
276     </target>
277 </element>
278 </group>
279 </ConceptMap>

```

19. KBV_CM_MIO_VACCINATION_LAB_IMMUNEREACTION_TEST_PRESENCE_LOINC_SNOMED

KBV_CM_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_LOINC_Snomed	
1	<ConceptMap xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ConceptMap/
3	KBV_CM_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_LOINC_Snomed" />
4	<version value="1.1.0" />
5	<name value="KBV_CM_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_LOIN
6	C_Snomed" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<description value="Diese Conceptmap verknüpft die Codes für die Loinc-
11	Titerbezeichnungen mit denen von SNOMED CT®." />
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	EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED
	TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
	PURPOSE." />
10	<group>
11	<source value="http://loinc.org" />
12	<target value="http://snomed.info/sct" />
13	<element>
14	<code value="22600-1" />
15	<display value="Varicella zoster virus Ab [Presence] in Serum" />
16	<target>
17	<code value="363787002:246093002=259858000,370134009=123029007,3701
18	32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
19	/>
20	<display value="Observable entity (observable entity) : Component
	(attribute) = Varicella-zoster virus antibody (substance) , Time aspect
	(attribute) = Single point in time (qualifier value) , Scale type
	(attribute) = Ordinal value (qualifier value) , Inheres in (attribute) =
	Plasma (substance) , Property (attribute) = Presence (property) (qualifier
	value) , Direct site (attribute) = Serum specimen (specimen)" />
	<equivalence value="equivalent" />
	</target>

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21     </element>
22     <element>
23         <code value="26643-7" />
24         <display value="Clostridium tetani toxoid Ab [Presence] in Serum" />
25         <target>
26             <code value="363787002:370134009=123029007,246093002=259833005,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
27             />
28             <display value="Observable entity (observable entity):Time aspect
29             (attribute)=Single point in time (qualifier value),Component
30             (attribute)=Clostridium tetani toxoid antibody (substance),Scale type
31             (attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
32             (substance),Property (attribute)=Presence (property) (qualifier
33             value),Direct site (attribute)=Serum specimen (specimen)" />
34             <equivalence value="equivalent" />
35         </target>
36     </element>
37     <element>
38         <code value="30546-6" />
39         <display value="Polio virus 1 Ab [Presence] in Serum" />
40         <target>
41             <code value="363787002:370134009=123029007,246093002=120856009,3701
42             32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
43             />
44             <display value="Observable entity (observable entity):Time aspect
45             (attribute)=Single point in time (qualifier value),Component
46             (attribute)=Human poliovirus 1 antibody (substance),Scale type
47             (attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
48             (substance),Property (attribute)=Presence (property) (qualifier
49             value),Direct site (attribute)=Serum specimen (specimen)" />
50             <equivalence value="equivalent" />
51         </target>
52     </element>
53     <element>
54         <code value="31998-8" />
55         <display value="Bordetella pertussis Ab [Presence] in Serum" />
56         <target>
57             <code value="363787002:246093002=120662001,370134009=123029007,3701
58             32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
59             />
60             <display value="Observable entity (observable entity):Component
61             (attribute)=Bordetella pertussis antibody (substance),Time aspect
62             (attribute)=Single point in time (qualifier value),Scale type
63             (attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
64             (substance),Property (attribute)=Presence (property) (qualifier
65             value),Direct site (attribute)=Serum specimen (specimen)" />
66             <equivalence value="equivalent" />
67         </target>
68     </element>
69     <element>
70         <code value="31503-6" />
71         <display value="Mumps virus Ab [Presence] in Serum" />
72         <target>
73             <code value="363787002:246093002=120721000,370134009=123029007,3701
74             32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
75             />

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54      <display value="Observable entity (observable entity):Component
(attribute)=Mumps virus antibody (substance),Time aspect (attribute)=Single
point in time (qualifier value),Scale type (attribute)=Ordinal value
(qualifier value),Inheres in (attribute)=Plasma (substance),Property
(attribute)=Presence (property) (qualifier value),Direct site
(attribute)=Serum specimen (specimen)" />
55      <equivalence value="equivalent" />
56    </target>
57  </element>
58  <element>
59    <code value="17322-9" />
60    <display value="Neisseria meningitidis Ab [Presence] in Serum" />
61    <target>
62      <code value="363787002:370134009=123029007,246093002=120871008,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
63      <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Neisseria meningitidis antibody (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
64      <equivalence value="equivalent" />
65    </target>
66  </element>
67  <element>
68    <code value="46197-0" />
69    <display value="Measles virus Ab [Presence] in Serum" />
70    <target>
71      <code value="363787002:370134009=123029007,246093002=120969007,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
72      <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Measles virus antibody (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
73      <equivalence value="equivalent" />
74    </target>
75  </element>
76  <element>
77    <code value="22322-2" />
78    <display value="Hepatitis B virus surface Ab [Presence] in Serum" />
79    <target>
80      <code value="363787002:370134009=123029007,246093002=122450004,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
81      <display value="Observable entity (observable entity) : Time aspect
(attribute) = Single point in time (qualifier value) , Component
(attribute) = Antibody to hepatitis B virus (substance) , Scale type
(attribute) = Ordinal value (qualifier value) , Inheres in (attribute) =
Plasma (substance) , Property (attribute) = Presence (property) (qualifier
value) , Direct site (attribute) = Serum specimen (specimen)" />
82      <equivalence value="equivalent" />
83    </target>
84  </element>
85  <element>
86    <code value="20575-7" />
87    <display value="Hepatitis A virus Ab [Presence] in Serum" />

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88     <target>
89     <code value="363787002:370134009=123029007,246093002=32609007,37013
2008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
90     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Antibody to hepatitis A virus (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
91     <equivalence value="equivalent" />
92     </target>
93 </element>
94 <element>
95     <code value="26630-4" />
96     <display value="Corynebacterium diphtheriae toxin Ab [Presence] in
Serum" />
97     <target>
98     <code value="363787002:370134009=123029007,370132008=117363000,7043
19004=50863008,246093002=259834004,370130000=705057003,704327008=119364003"
/>
99     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Component (attribute)=Corynebacterium diphtheriae toxoid
antibody (substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
100     <equivalence value="equivalent" />
101     </target>
102 </element>
103 <element>
104     <code value="22496-4" />
105     <display value="Rubella virus Ab [Presence] in Serum" />
106     <target>
107     <code value="363787002:246093002=120737006,370134009=123029007,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
108     <display value="Observable entity (observable entity):Component
(attribute)=Rubella virus antibody (substance),Time aspect
(attribute)=Single point in time (qualifier value),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
109     <equivalence value="equivalent" />
110     </target>
111 </element>
112 <element>
113     <code value="30553-2" />
114     <display value="Rabies virus Ab [Presence] in Serum" />
115     <target>
116     <code value="363787002:370134009=123029007,246093002=120850003,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
117     <display value="Observable entity (observable entity) : Time aspect
(attribute) = Single point in time (qualifier value) , Component
(attribute) = Rabies virus antibody (substance) , Scale type (attribute) =
Ordinal value (qualifier value) , Inheres in (attribute) = Plasma
(substance) , Property (attribute) = Presence (property) (qualifier
value) , Direct site (attribute) = Serum specimen (specimen)" />
118     <equivalence value="equivalent" />

```

```
119     </target>
120   </element>
121 </group>
122 </ConceptMap>
```

20. KBV_CM_MIO_VACCINATION_LAB_TITER_IMMUNITY_GERMAN

KBV_CM_MIO_Vaccination_Lab_Titer_Immunity_German

```
1 <ConceptMap xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_Lab_Titer_Immunity_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CM_MIO_Vaccination_Lab_Titer_Immunity_German" />
5   <title value="Titer Immunität" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10     <telecom>
11       <system value="url" />
12       <value value="http://www.kbv.de" />
13     </telecom>
14   </contact>
15   <description value="Diese Conceptmap verknüpft die Codes für die
Erreichung der Immunität einer Titeruntersuchung mit deutschen
Bezeichnungen." />
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PURPOSE." />
17   <group>
18     <source value="http://snomed.info/sct" />
19     <target value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Lab_Titer_Immunity_German" />
20     <element>
21       <code value="365861007:363713009=10828004" />
22       <display value="Finding of immune status (finding) : Has
interpretation (attribute) = Positive (qualifier value)" />
23       <target>
24         <code value="Positiv" />
25         <display value="Immunität erreicht" />
```



```
26     <equivalence value="equivalent" />
27     </target>
28 </element>
29 <element>
30     <code value="365861007:363713009=260385009" />
31     <display value="Finding of immune status (finding) : Has
interpretation (attribute) = Negative (qualifier value)" />
32     <target>
33         <code value="Negativ" />
34         <display value="Immunität nicht erreicht" />
35         <equivalence value="equivalent" />
36     </target>
37 </element>
38 </group>
39 </ConceptMap>
```

21. KBV_CM_MIO_VACCINATION_PRIOR_DISEASE_GERMAN

KBV_CM_MIO_Vaccination_Prior_Disease_German

```
1 <ConceptMap xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_Prior_Disease_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CM_MIO_Vaccination_Prior_Disease_German" />
5   <title value="VaccinationrelevantDisease" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Diese Conceptmap verknüpft die SNOMED CT Codes für
durchlebte Infektionskrankheiten mit deutschen Bezeichnungen." />
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PURPOSE." />
17    <group>
18      <source value="http://snomed.info/sct" />
19      <sourceVersion value="http://snomed.info/sct/900000000000207008/
version/20210131" />
20      <target value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Prior_Disease_German" />
21      <targetVersion value="1.1.0" />
22    <element>
23      <code value="40733004" />
24      <display value="Infectious disease (disorder)" />
25    </target>
26      <code value="Infektionskrankheitunspezifiziert" />
```

```

27     <display value="Infektionskrankheit (unspezifiziert)" />
28     <equivalence value="equivalent" />
29   </target>
30 </element>
31 <element>
32   <code value="76795007" />
33   <display value="Acute type B viral hepatitis (disorder)" />
34   <target>
35     <code value="HepatitisB" />
36     <display value="Hepatitis B" />
37     <equivalence value="equivalent" />
38   </target>
39 </element>
40 <element>
41   <code value="235869004" />
42   <display value="Chronic viral hepatitis B with hepatitis D
43 (disorder)" />
44   <target>
45     <code value="HepatitisB" />
46     <display value="Hepatitis B" />
47     <equivalence value="equivalent" />
48   </target>
49 </element>
50 <element>
51   <code value="186639003" />
52   <display value="Chronic viral hepatitis B without delta-agent
53 (disorder)" />
54   <target>
55     <code value="HepatitisB" />
56     <display value="Hepatitis B" />
57     <equivalence value="equivalent" />
58   </target>
59 </element>
60 <element>
61   <code value="25102003" />
62   <display value="Acute type A viral hepatitis (disorder)" />
63   <target>
64     <code value="HepatitisA" />
65     <display value="Hepatitis A" />
66     <equivalence value="equivalent" />
67   </target>
68 </element>
69 <element>
70   <code value="27836007" />
71   <display value="Pertussis (disorder)" />
72   <target>
73     <code value="PertussisKeuchhusten" />
74     <display value="Pertussis/Keuchhusten" />
75     <equivalence value="equivalent" />
76   </target>
77 </element>
78 <element>
79   <code value="16541001" />
80   <display value="Yellow fever (disorder)" />
81   <target>
82     <code value="Gelbfieber" />
83     <display value="Gelbfieber" />
84     <equivalence value="equivalent" />
85   </target>
86 </element>

```

```

85     <element>
86       <code value="16901001" />
87       <display value="Central European encephalitis (disorder)" />
88       <target>
89         <code value="FSMEZentraleuropaeischeFruehsommerMeningoenzephalitis"
90 />
91         <display value="FSME [Zentraleuropäische Frühsommer-
92 Meningoenzephalitis]" />
93         <equivalence value="equivalent" />
94       </target>
95     </element>
96     <element>
97       <code value="36653000" />
98       <display value="Rubella (disorder)" />
99       <target>
100         <code value="Roeteln" />
101         <display value="Röteln" />
102         <equivalence value="equivalent" />
103       </target>
104     </element>
105     <element>
106       <code value="36989005" />
107       <display value="Mumps (disorder)" />
108       <target>
109         <code value="Mumps" />
110         <display value="Mumps" />
111         <equivalence value="equivalent" />
112       </target>
113     </element>
114     <element>
115       <code value="14189004" />
116       <display value="Measles (disorder)" />
117       <target>
118         <code value="Masern" />
119         <display value="Masern" />
120         <equivalence value="equivalent" />
121       </target>
122     </element>
123     <element>
124       <code value="38907003" />
125       <display value="Varicella (disorder)" />
126       <target>
127         <code value="VarizellenWindpocken" />
128         <display value="Varizellen/Windpocken" />
129         <equivalence value="equivalent" />
130       </target>
131     </element>
  </group>
</ConceptMap>

```

22. KBV_CM_MIO_VACCINATION_PRIOR_DISEASE_SNOMED_ICD

KBV_CM_MIO_Vaccination_Prior_Disease_Snomed_ICD

```
1 <ConceptMap xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_Prior_Disease_Snomed_ICD" />
3   <version value="1.1.0" />
4   <name value="KBV_CM_MIO_Vaccination_Prior_Disease_Snomed_ICD" />
5   <status value="active" />
6   <experimental value="false" />
7   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8   <description value="Diese Conceptmap verknüpft die Codes für
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PURPOSE." />
10   <group>
11     <source value="http://snomed.info/sct" />
12     <target value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
13     <element>
14       <code value="27836007" />
15       <display value="Pertussis (disorder)" />
16       <target>
17         <code value="A37.-" />
18         <display value="Keuchhusten" />
19         <equivalence value="equivalent" />
20       </target>
21     </element>
22     <element>
23       <code value="16541001" />
24       <display value="Yellow fever (disorder)" />
25       <target>
26         <code value="A95.-" />
27         <display value="Gelbfieber" />
```

```

28     <equivalence value="equivalent" />
29   </target>
30 </element>
31 <element>
32   <code value="16901001" />
33   <display value="Central European encephalitis (disorder)" />
34   <target>
35     <code value="A84.1" />
36     <display value="Mitteleuropäische Enzephalitis, durch Zecken
übertragen" />
37   <equivalence value="equivalent" />
38   </target>
39 </element>
40 <element>
41   <code value="76795007" />
42   <display value="Acute type B viral hepatitis (disorder)" />
43   <target>
44     <code value="B16.-" />
45     <display value="Akute Virushepatitis B" />
46     <equivalence value="equivalent" />
47   </target>
48 </element>
49 <element>
50   <code value="235869004" />
51   <display value="Chronic viral hepatitis B with hepatitis D
(disorder)" />
52   <target>
53     <code value="B18.0" />
54     <display value="Chronische Virushepatitis B mit Delta-Virus" />
55     <equivalence value="equivalent" />
56   </target>
57 </element>
58 <element>
59   <code value="186639003" />
60   <display value="Chronic viral hepatitis B without delta-agent
(disorder)" />
61   <target>
62     <code value="B18.1-" />
63     <display value="Chronische Virushepatitis B ohne Delta-Virus" />
64     <equivalence value="equivalent" />
65   </target>
66 </element>
67 <element>
68   <code value="25102003" />
69   <display value="Acute type A viral hepatitis (disorder)" />
70   <target>
71     <code value="B15.-" />
72     <display value="Akute Virushepatitis A" />
73     <equivalence value="equivalent" />
74   </target>
75 </element>
76 <element>
77   <code value="36653000" />
78   <display value="Rubella (disorder)" />
79   <target>
80     <code value="B06.-" />
81     <display value="Röteln [Rubeola] [Rubella]" />
82     <equivalence value="equivalent" />
83   </target>
84 </element>

```

```

85 <element>
86   <code value="36989005" />
87   <display value="Mumps (disorder)" />
88   <target>
89     <code value="B26.-" />
90     <display value="Mumps" />
91     <equivalence value="equivalent" />
92   </target>
93 </element>
94 <element>
95   <code value="14189004" />
96   <display value="Measles (disorder)" />
97   <target>
98     <code value="B05.-" />
99     <display value="Masern" />
100    <equivalence value="equivalent" />
101  </target>
102 </element>
103 <element>
104   <code value="38907003" />
105   <display value="Varicella (disorder)" />
106   <target>
107     <code value="B01.-" />
108     <display value="Varizellen [Windpocken]" />
109     <equivalence value="equivalent" />
110   </target>
111 </element>
112 </group>
113 </ConceptMap>

```

23. KBV_CM_MIO_VACCINATION_SOURCE_OF_INFORMATION_GERMAN

KBV_CM_MIO_Vaccination_Source_of_Information_German

```
1 <ConceptMap xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_Source_of_Information_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CM_MIO_Vaccination_Source_of_Information_German" />
5   <title value="Source_of_Information" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Diese Conceptmap verknüpft die SNOMED CT Codes für
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PURPOSE." />
17    <group>
18      <source value="http://snomed.info/sct" />
19      <sourceVersion value="http://snomed.info/sct/900000000000207008/
version/20210131" />
20      <target value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Source_of_Information_German" />
21      <targetVersion value="1.1.0" />
22    <element>
23      <code value="261665006" />
24      <display value="Unknown (qualifier value)" />
25    <target>
26      <code value="Unbekannt" />
```



```

27     <display value="Unbekannt" />
28     <equivalence value="equivalent" />
29   </target>
30 </element>
31 <element>
32   <code value="394863008" />
33   <display value="Non-family member (person)" />
34   <target>
35     <code value="SonstigePerson" />
36     <display value="Sonstige Person" />
37     <equivalence value="equivalent" />
38   </target>
39 </element>
40 <element>
41   <code value="125677006" />
42   <display value="Relative (person)" />
43   <target>
44     <code value="Angehoeriger" />
45     <display value="Angehöriger" />
46     <equivalence value="equivalent" />
47   </target>
48 </element>
49 <element>
50   <code value="158965000" />
51   <display value="Medical practitioner (occupation)" />
52   <target>
53     <code value="ArztAerztin" />
54     <display value="Arzt / Ärztin" />
55     <equivalence value="equivalent" />
56   </target>
57 </element>
58 <element>
59   <code value="116154003" />
60   <display value="Patient (person)" />
61   <target>
62     <code value="Patient" />
63     <display value="Patient" />
64     <equivalence value="equivalent" />
65   </target>
66 </element>
67 </group>
68 </ConceptMap>

```

24. KBV_CM_MIO_VACCINATION_VACCINE_ATC_SNOMED

KBV_CM_MIO_Vaccination_Vaccine_ATC_Snomed	
1	<ConceptMap xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ConceptMap/ KBV_CM_MIO_Vaccination_Vaccine_ATC_Snomed" />
3	<version value="1.1.0" />
4	<name value="KBV_CM_MIO_Vaccination_Vaccine_ATC_Snomed" />
5	<status value="active" />
6	<experimental value="false" />
7	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8	<contact>
9	<telecom>
10	<system value="url" />
11	<value value="http://www.kbv.de" />
12	</telecom>
13	</contact>
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16	<group>
17	<source value="http://snomed.info/sct" />
18	<sourceVersion value="http://snomed.info/sct/900000000000207008/ version/20200731" />
19	<target value="http://fhir.de/CodeSystem/dimdi/atc" />
20	<element>
21	<code value="714569001" />
22	<display value="Product containing normal immunoglobulin human (medicinal product)" />
23	<target>
24	<code value="J06BA" />
25	<display value="Immunglobuline, normal human" />
26	<equivalence value="equivalent" />

```

27     </target>
28 </element>
29 <element>
30     <code value="786224004" />
31     <display value="Product containing human anti-D immunoglobulin
(medicinal product)" />
32     <target>
33         <code value="J06BB01" />
34         <display value="Anti-D(rh)-Immunglobulin" />
35         <equivalence value="equivalent" />
36     </target>
37 </element>
38 <element>
39     <code value="384706007" />
40     <display value="Product containing tetanus antitoxin (medicinal
product)" />
41     <target>
42         <code value="J06BB02" />
43         <display value="Tetanus-Immunglobulin" />
44         <equivalence value="equivalent" />
45     </target>
46 </element>
47 <element>
48     <code value="62294009" />
49     <display value="Product containing Varicella-zoster virus antibody
(medicinal product)" />
50     <target>
51         <code value="J06BB03" />
52         <display value="Varicella/Zoster-Immunglobulin" />
53         <equivalence value="equivalent" />
54     </target>
55 </element>
56 <element>
57     <code value="9542007" />
58     <display value="Product containing Hepatitis B surface antigen
immunoglobulin (medicinal product)" />
59     <target>
60         <code value="J06BB04" />
61         <display value="Hepatitis-B-Immunglobulin" />
62         <equivalence value="equivalent" />
63     </target>
64 </element>
65 <element>
66     <code value="80834004" />
67     <display value="Product containing rabies human immune globulin
(medicinal product)" />
68     <target>
69         <code value="J06BB05" />
70         <display value="Tollwut-Immunglobulin" />
71         <equivalence value="equivalent" />
72     </target>
73 </element>
74 <element>
75     <code value="9778000" />
76     <display value="Product containing Cytomegalovirus antibody
(medicinal product)" />
77     <target>
78         <code value="J06BB09" />
79         <display value="Cytomegalievirus-Immunglobulin" />
80         <equivalence value="equivalent" />

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81     </target>
82 </element>
83 <element>
84     <code value="108725001" />
85     <display value="Product containing palivizumab (medicinal product)" /
>
86     <target>
87         <code value="J06BB16" />
88         <display value="Palivizumab" />
89         <equivalence value="equivalent" />
90     </target>
91 </element>
92 <element>
93     <code value="763703008" />
94     <display value="Product containing bezlotoxumab (medicinal
product)" />
95     <target>
96         <code value="J06BB21" />
97         <display value="Bezlotoxumab" />
98         <equivalence value="equivalent" />
99     </target>
100 </element>
101 <element>
102     <code value="1119305005" />
103     <display value="Vaccine product containing only Severe acute
respiratory syndrome coronavirus 2 antigen (medicinal product)" />
104     <target>
105         <code value="J07BX03" />
106         <display value="Covid-19-Impfstoffe" />
107         <equivalence value="equivalent" />
108     </target>
109 </element>
110 <element>
111     <code value="1119349007" />
112     <display value="Vaccine product containing only Severe acute
respiratory syndrome coronavirus 2 messenger ribonucleic acid (medicinal
product)" />
113     <target>
114         <code value="J07BX03" />
115         <display value="Covid-19-Impfstoffe" />
116         <equivalence value="equivalent" />
117     </target>
118 </element>
119 <element>
120     <code value="871875004" />
121     <display value="Vaccine product containing only Bordetella pertussis
and Clostridium tetani and Corynebacterium diphtheriae antigens (medicinal
product)" />
122     <target>
123         <code value="J07AJ52" />
124         <display value="Pertussis, gereinigtes Antigen, Kombinationen mit
Toxoiden" />
125         <equivalence value="equivalent" />
126     </target>
127 </element>
128 <element>
129     <code value="37146000" />
130     <display value="Typhus vaccine (product)" />
131     <target>
132         <code value="J07AR" />

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133     <display value="Typhus (exanthematicus)-Impfstoff" />
134     <equivalence value="equivalent" />
135   </target>
136 </element>
137 <element>
138   <code value="414004005" />
139   <display value="Diphtheria + tetanus + pertussis + poliomyelitis +
haemophilus influenzae b vaccine (product)" />
140   <target>
141     <code value="J07CA06" />
142     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Poliomyelitis-Tetanus" />
143     <equivalence value="equivalent" />
144   </target>
145 </element>
146 <element>
147   <code value="2221000221107" />
148   <display value="Vaccine product containing only live attenuated Human
alphaherpesvirus 3 antigen (medicinal product)" />
149   <target>
150     <code value="J07BK01" />
151     <display value="Varicella, lebend abgeschwächt" />
152     <equivalence value="equivalent" />
153   </target>
154   <target>
155     <code value="J07BK02" />
156     <display value="Zoster Virus, lebend abgeschwächt" />
157     <equivalence value="equivalent" />
158   </target>
159 </element>
160 <element>
161   <code value="836498007+836388000" />
162   <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Rubella virus
antigen (medicinal product)" />
163   <target>
164     <code value="J07BJ51" />
165     <display value="Röteln, Kombinationen mit Mumps, lebend
abgeschwächt" />
166     <equivalence value="equivalent" />
167   </target>
168 </element>
169 <element>
170   <code value="871729003+836380007+601000221108+863911006+836374004+871
871008" />
171   <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product) + Vaccine
product containing only Neisseria meningitidis serogroup A and C antigens
(medicinal product)" />
172   <target>
173     <code value="J07CA13" />
174     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Tetanus-Hepatitis B-Meningokokken A + C" />
175     <equivalence value="equivalent" />
176   </target>
177 </element>

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178     <element>
179         <code value="871891001" />
180         <display value="Vaccine product containing only acellular Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Hepatitis B virus and inactivated whole Human poliovirus antigens
(medicinal product)" />
181         <target>
182             <code value="J07CA12" />
183             <display value="Diphtherie-Pertussis-Poliomyelitis-Tetanus-
Hepatitis B" />
184             <equivalence value="equivalent" />
185         </target>
186     </element>
187     <element>
188         <code value="871729003+836380007+601000221108+863911006+836374004" />
189         <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product)" />
190         <target>
191             <code value="J07CA11" />
192             <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Tetanus-Hepatitis B" />
193             <equivalence value="equivalent" />
194         </target>
195     </element>
196     <element>
197         <code value="871804001" />
198         <display value="Vaccine product containing only Hepatitis A virus and
Salmonella enterica subspecies enterica serovar Typhi antigens (medicinal
product)" />
199         <target>
200             <code value="J07CA10" />
201             <display value="Typhus-Hepatitis A" />
202             <equivalence value="equivalent" />
203         </target>
204     </element>
205     <element>
206         <code value="871895005" />
207         <display value="Vaccine product containing only Bordetella pertussis
and Clostridium tetani and Corynebacterium diphtheriae and Haemophilus
influenzae type B and Hepatitis B virus and Human poliovirus antigens
(medicinal product)" />
208         <target>
209             <code value="J07CA09" />
210             <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Poliomyelitis-Tetanus-Hepatitis B" />
211             <equivalence value="equivalent" />
212         </target>
213     </element>
214     <element>
215         <code value="871806004" />
216         <display value="Vaccine product containing only Haemophilus
influenzae type B and Hepatitis B virus antigens (medicinal product)" />
217         <target>
218             <code value="J07CA08" />
219             <display value="Haemophilus influenzae B und Hepatitis B" />
220             <equivalence value="equivalent" />

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221     </target>
222 </element>
223 <element>
224     <code value="871729003+836374004+863911006" />
225     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Hepatitis B virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
226     <target>
227         <code value="J07CA07" />
228         <display value="Diphtherie-Hepatitis B-Tetanus" />
229         <equivalence value="equivalent" />
230     </target>
231 </element>
232 <element>
233     <code value="871887006" />
234     <display value="Vaccine product containing only Bordetella pertussis
and Clostridium tetani and Corynebacterium diphtheriae and Haemophilus
influenzae type B and Human poliovirus antigens (medicinal product)" />
235     <target>
236         <code value="J07CA06" />
237         <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Poliomyelitis-Tetanus" />
238         <equivalence value="equivalent" />
239     </target>
240 </element>
241 <element>
242     <code value="863911006+836374004+601000221108+836381006" />
243     <display value="Vaccine product containing Clostridium tetani antigen
(medicinal product) + Vaccine product containing Hepatitis B virus antigen
(medicinal product) + Vaccine product containing Bordetella pertussis
antigen (medicinal product) + Vaccine product containing Corynebacterium
diphtheriae antigen (medicinal product)" />
244     <target>
245         <code value="J07CA05" />
246         <display value="Diphtherie-Hepatitis B-Pertussis-Tetanus" />
247         <equivalence value="equivalent" />
248     </target>
249 </element>
250 <element>
251     <code value="836380007+1031000221108" />
252     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Human
poliovirus antigen (medicinal product)" />
253     <target>
254         <code value="J07CA04" />
255         <display value="Haemophilus influenzae B und Poliomyelitis" />
256         <equivalence value="equivalent" />
257     </target>
258 </element>
259 <element>
260     <code value="871729003+836388000+863911006" />
261     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Rubella virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
262     <target>
263         <code value="J07CA03" />
264         <display value="Diphtherie-Röteln-Tetanus" />
265         <equivalence value="equivalent" />

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266     </target>
267 </element>
268 <element>
269     <code value="871878002" />
270     <display value="Vaccine product containing only Bordetella pertussis
and Clostridium tetani and Corynebacterium diphtheriae and Human poliovirus
antigens (medicinal product)" />
271     <target>
272         <code value="J07CA02" />
273         <display value="Diphtherie-Pertussis-Poliomyelitis-Tetanus" />
274         <equivalence value="equivalent" />
275     </target>
276 </element>
277 <element>
278     <code value="871837004" />
279     <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae and Human poliovirus antigens (medicinal
product)" />
280     <target>
281         <code value="J07CA01" />
282         <display value="Diphtherie-Poliomyelitis-Tetanus" />
283         <equivalence value="equivalent" />
284     </target>
285 </element>
286 <element>
287     <code value="871908002" />
288     <display value="Vaccine product containing only Human
alphaherpesvirus 3 and Measles morbillivirus and Mumps orthorubulavirus and
Rubella virus antigens (medicinal product)" />
289     <target>
290         <code value="J07BD54" />
291         <display value="Masern, Kombinationen mit Mumps, Röteln und
Varicella, lebend abgeschwächt" />
292         <equivalence value="equivalent" />
293     </target>
294 </element>
295 <element>
296     <code value="836382004+836388000" />
297     <display value="Vaccine product containing Measles morbillivirus
antigen (medicinal product) + Vaccine product containing Rubella virus
antigen (medicinal product)" />
298     <target>
299         <code value="J07BD53" />
300         <display value="Masern, Kombinationen mit Röteln, lebend
abgeschwächt" />
301         <equivalence value="equivalent" />
302     </target>
303 </element>
304 <element>
305     <code value="871831003" />
306     <display value="Vaccine product containing only Measles morbillivirus
and Mumps orthorubulavirus and Rubella virus antigens (medicinal product)"
/>
307     <target>
308         <code value="J07BD52" />
309         <display value="Masern, Kombinationen mit Mumps und Röteln, lebend
abgeschwächt" />
310         <equivalence value="equivalent" />
311     </target>
312 </element>

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313     <element>
314         <code value="836498007+836382004" />
315         <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Measles
morbillivirus antigen (medicinal product)" />
316         <target>
317             <code value="J07BD51" />
318             <display value="Masern, Kombinationen mit Mumps, lebend
abgeschwächt" />
319             <equivalence value="equivalent" />
320         </target>
321     </element>
322     <element>
323         <code value="871803007" />
324         <display value="Vaccine product containing only Hepatitis A and
Hepatitis B virus antigens (medicinal product)" />
325         <target>
326             <code value="J07BC20" />
327             <display value="Kombinationen" />
328             <equivalence value="equivalent" />
329         </target>
330     </element>
331     <element>
332         <code value="871826000" />
333         <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae antigens (medicinal product)" />
334         <target>
335             <code value="J07AM51" />
336             <display value="Tetanus-Toxoid, Kombinationen mit Diphtherie-
Toxoid" />
337             <equivalence value="equivalent" />
338         </target>
339     </element>
340     <element>
341         <code value="836398006+836380007" />
342         <display value="Vaccine product containing Streptococcus pneumoniae
antigen (medicinal product) + Vaccine product containing Haemophilus
influenzae type B antigen (medicinal product)" />
343         <target>
344             <code value="J07AL52" />
345             <display value="Pneumokokken, gereinigtes Polysaccharid-Antigen
und Haemophilus influenzae B, konjugiert" />
346             <equivalence value="equivalent" />
347         </target>
348     </element>
349     <element>
350         <code value="836500008" />
351         <display value="Vaccine product containing only Haemophilus
influenzae type B and Neisseria meningitidis serogroup C antigens
(medicinal product)" />
352         <target>
353             <code value="J07AG53" />
354             <display value="Haemophilus influenzae B, Kombinationen mit
Meningokokken C, konjugiert" />
355             <equivalence value="equivalent" />
356         </target>
357     </element>
358     <element>
359         <code value="836380007+601000221108" />

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360     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Bordetella
pertussis antigen (medicinal product)" />
361     <target>
362         <code value="J07AG52" />
363         <display value="Haemophilus influenzae B, Kombinationen mit
Pertussis und Toxoiden" />
364         <equivalence value="equivalent" />
365     </target>
366 </element>
367 <element>
368     <code value="836383009+836390004" />
369     <display value="Vaccine product containing Vibrio cholerae antigen
(medicinal product) + Vaccine product containing Salmonella enterica
subspecies enterica serovar Typhi antigen (medicinal product)" />
370     <target>
371         <code value="J07AE51" />
372         <display value="Cholera, Kombinationen mit Typhus-Impfstoff,
inaktiviert, ganze Zelle" />
373         <equivalence value="equivalent" />
374     </target>
375 </element>
376 <element>
377     <code value="836378001" />
378     <display value="Vaccine product containing Japanese encephalitis
virus antigen (medicinal product)" />
379     <target>
380         <code value="J07BA02" />
381         <display value="Encephalitis, japanische, inaktiviert, ganzes
Virus" />
382         <equivalence value="equivalent" />
383     </target>
384 </element>
385 <element>
386     <code value="836403007" />
387     <display value="Vaccine product containing Tick-borne encephalitis
virus antigen (medicinal product)" />
388     <target>
389         <code value="J07BA01" />
390         <display value="FSME, inaktiviert, ganzes Virus" />
391         <equivalence value="equivalent" />
392     </target>
393 </element>
394 <element>
395     <code value="871738001" />
396     <display value="Vaccine product containing only live attenuated Mumps
orthorubulavirus antigen (medicinal product)" />
397     <target>
398         <code value="J07BE" />
399         <display value="Mumps-Impfstoffe" />
400         <equivalence value="equivalent" />
401     </target>
402 </element>
403 <element>
404     <code value="1031000221108" />
405     <display value="Vaccine product containing Human poliovirus antigen
(medicinal product)" />
406     <target>
407         <code value="J07BF" />
408         <display value="Poliomyelitis-Impfstoffe" />

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409     <equivalence value="equivalent" />
410   </target>
411 </element>
412 <element>
413   <code value="836387005" />
414   <display value="Vaccine product containing Rotavirus antigen
(medicinal product)" />
415   <target>
416     <code value="J07BH" />
417     <display value="Rotavirus-Diarrhoe-Impfstoffe" />
418     <equivalence value="equivalent" />
419   </target>
420 </element>
421 <element>
422   <code value="836393002" />
423   <display value="Vaccine product containing Rabies lyssavirus antigen
(medicinal product)" />
424   <target>
425     <code value="J07BG" />
426     <display value="Tollwut-Impfstoffe" />
427     <equivalence value="equivalent" />
428   </target>
429 </element>
430 <element>
431   <code value="836495005" />
432   <display value="Vaccine product containing Human alphaherpesvirus 3
antigen (medicinal product)" />
433   <target>
434     <code value="J07BK03" />
435     <display value="Zoster Virus, gereinigtes Antigen" />
436     <equivalence value="equivalent" />
437   </target>
438 </element>
439 <element>
440   <code value="836389008" />
441   <display value="Vaccine product containing Vaccinia virus antigen
(medicinal product)" />
442   <target>
443     <code value="J07BX01" />
444     <display value="Pocken-Impfstoff, lebend, modifiziert" />
445     <equivalence value="equivalent" />
446   </target>
447 </element>
448 <element>
449   <code value="836379009" />
450   <display value="Vaccine product containing Human papillomavirus
antigen (medicinal product)" />
451   <target>
452     <code value="J07BM" />
453     <display value="Papillomvirus-Impfstoffe" />
454     <equivalence value="equivalent" />
455   </target>
456 </element>
457 <element>
458   <code value="836385002" />
459   <display value="Vaccine product containing Yellow fever virus antigen
(medicinal product)" />
460   <target>
461     <code value="J07BL" />
462     <display value="Gelbfieber-Impfstoffe" />

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463     <equivalence value="equivalent" />
464   </target>
465 </element>
466 <element>
467   <code value="836388000" />
468   <display value="Vaccine product containing Rubella virus antigen
(medicinal product)" />
469   <target>
470     <code value="J07BJ" />
471     <display value="Röteln-Impfstoffe" />
472     <equivalence value="equivalent" />
473   </target>
474 </element>
475 <element>
476   <code value="836382004" />
477   <display value="Vaccine product containing Measles morbillivirus
antigen (medicinal product)" />
478   <target>
479     <code value="J07BD" />
480     <display value="Masern-Impfstoffe" />
481     <equivalence value="equivalent" />
482   </target>
483 </element>
484 <element>
485   <code value="836375003" />
486   <display value="Vaccine product containing Hepatitis A virus antigen
(medicinal product)" />
487   <target>
488     <code value="J07BC02" />
489     <display value="Hepatitis A, inaktiviert, ganzes Virus" />
490     <equivalence value="equivalent" />
491   </target>
492 </element>
493 <element>
494   <code value="836374004" />
495   <display value="Vaccine product containing Hepatitis B virus antigen
(medicinal product)" />
496   <target>
497     <code value="J07BC01" />
498     <display value="Hepatitis B, gereinigtes Antigen" />
499     <equivalence value="equivalent" />
500   </target>
501 </element>
502 <element>
503   <code value="836377006" />
504   <display value="Vaccine product containing Influenza virus antigen
(medicinal product)" />
505   <target>
506     <code value="J07BB" />
507     <display value="Influenza-Impfstoffe" />
508     <equivalence value="equivalent" />
509   </target>
510 </element>
511 <element>
512   <code value="836390004" />
513   <display value="Vaccine product containing Salmonella enterica
subspecies enterica serovar Typhi antigen (medicinal product)" />
514   <target>
515     <code value="J07AP" />
516     <display value="Typhus-Impfstoffe" />

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517     <equivalence value="equivalent" />
518   </target>
519 </element>
520 <element>
521   <code value="836402002" />
522   <display value="Vaccine product containing live attenuated
Mycobacterium bovis antigen (medicinal product)" />
523   <target>
524     <code value="J07AN" />
525     <display value="Tuberkulose-Impfstoffe" />
526     <equivalence value="equivalent" />
527   </target>
528 </element>
529 <element>
530   <code value="863911006" />
531   <display value="Vaccine product containing Clostridium tetani antigen
(medicinal product)" />
532   <target>
533     <code value="J07AM" />
534     <display value="Tetanus-Impfstoffe" />
535     <equivalence value="equivalent" />
536   </target>
537 </element>
538 <element>
539   <code value="836398006" />
540   <display value="Vaccine product containing Streptococcus pneumoniae
antigen (medicinal product)" />
541   <target>
542     <code value="J07AL" />
543     <display value="Pneumokokken-Impfstoffe" />
544     <equivalence value="equivalent" />
545   </target>
546 </element>
547 <element>
548   <code value="840549009" />
549   <display value="Vaccine product containing Yersinia pestis antigen
(medicinal product)" />
550   <target>
551     <code value="J07AK" />
552     <display value="Pest-Impfstoffe" />
553     <equivalence value="equivalent" />
554   </target>
555 </element>
556 <element>
557   <code value="601000221108" />
558   <display value="Vaccine product containing Bordetella pertussis
antigen (medicinal product)" />
559   <target>
560     <code value="J07AJ" />
561     <display value="Pertussis-Impfstoffe" />
562     <equivalence value="equivalent" />
563   </target>
564 </element>
565 <element>
566   <code value="836401009" />
567   <display value="Vaccine product containing Neisseria meningitidis
antigen (medicinal product)" />
568   <target>
569     <code value="J07AH" />
570     <display value="Meningokokken-Impfstoffe" />

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571     <equivalence value="equivalent" />
572   </target>
573 </element>
574 <element>
575   <code value="836380007" />
576   <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product)" />
577   <target>
578     <code value="J07AG" />
579     <display value="Haemophilus influenzae B-Impfstoffe" />
580     <equivalence value="equivalent" />
581   </target>
582 </element>
583 <element>
584   <code value="836381006" />
585   <display value="Vaccine product containing Corynebacterium
diphtheriae antigen (medicinal product)" />
586   <target>
587     <code value="J07AF" />
588     <display value="Diphtherie-Impfstoffe" />
589     <equivalence value="equivalent" />
590   </target>
591 </element>
592 <element>
593   <code value="836383009" />
594   <display value="Vaccine product containing Vibrio cholerae antigen
(medicinal product)" />
595   <target>
596     <code value="J07AE" />
597     <display value="Cholera-Impfstoffe" />
598     <equivalence value="equivalent" />
599   </target>
600 </element>
601 <element>
602   <code value="836384003" />
603   <display value="Vaccine product containing Bacillus anthracis antigen
(medicinal product)" />
604   <target>
605     <code value="J07AC" />
606     <display value="Milzbrand-Impfstoffe" />
607     <equivalence value="equivalent" />
608   </target>
609 </element>
610 <element>
611   <code value="7230005" />
612   <display value="Brucella vaccine (product)" />
613   <target>
614     <code value="J07AD01" />
615     <display value="Brucella-Antigen" />
616     <equivalence value="equivalent" />
617   </target>
618 </element>
619 </group>
620 </ConceptMap>

```

25. KBV_CM_MIO_VACCINATION_VACCINE_GERMAN

KBV_CM_MIO_Vaccination_Vaccine_German

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1 <ConceptMap xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_Vaccine_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CM_MIO_Vaccination_Vaccine_German" />
5   <title value="Vaccine" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Diese Conceptmap verknüpft die SNOMED CT®
Impfstoffcodes mit deutschen Bezeichnungen." />
16  <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
17    <group>
18      <source value="http://snomed.info/sct" />
19      <sourceVersion value="http://snomed.info/sct/900000000000207008/
version/20210131" />
20      <target value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Vaccine_German" />
21      <targetVersion value="1.1.0" />
22    <element>
23      <code value="1119305005" />
24      <display value="Vaccine product containing only Severe acute
respiratory syndrome coronavirus 2 antigen (medicinal product)" />
25    </element>
  </group>
</conceptmap>
```

```

26     <code value="Covid19Impfstoff" />
27     <display value="Covid-19-Impfstoff" />
28     <equivalence value="equivalent" />
29   </target>
30 </element>
31 <element>
32   <code value="1119349007" />
33   <display value="Vaccine product containing only Severe acute
respiratory syndrome coronavirus 2 messenger ribonucleic acid (medicinal
product)" />
34   <target>
35     <code value="Covid19Impfstoff" />
36     <display value="Covid-19-Impfstoff" />
37     <equivalence value="equivalent" />
38   </target>
39 </element>
40 <element>
41   <code value="871875004" />
42   <display value="Vaccine product containing only Bordetella pertussis
and Clostridium tetani and Corynebacterium diphtheriae antigens (medicinal
product)" />
43   <target>
44     <code value="PertussisgereinigtesAntigenKombinationenmitToxoidenPer
tussisTetanusDiphtherieImpfstoff" />
45     <display value="Pertussis, gereinigtes Antigen, Kombinationen mit
Toxoiden (Pertussis, Tetanus, Diphtherie-Impfstoff)" />
46     <equivalence value="equivalent" />
47   </target>
48 </element>
49 <element>
50   <code value="37146000" />
51   <display value="Typhus vaccine (product)" />
52   <target>
53     <code value="TyphusexanthematicusImpfstoff" />
54     <display value="Typhus (exanthematicus)-Impfstoff" />
55     <equivalence value="equivalent" />
56   </target>
57 </element>
58 <element>
59   <code value="2221000221107" />
60   <display value="Vaccine product containing only live attenuated Human
alphaherpesvirus 3 antigen (medicinal product)" />
61   <target>
62     <code value="VarizellenImpfstoff" />
63     <display value="Varizellen-Impfstoff" />
64     <equivalence value="equivalent" />
65   </target>
66   <target>
67     <code value="HerpesZosterLebendimpfstoff" />
68     <display value="Herpes Zoster-Lebendimpfstoff" />
69     <equivalence value="equivalent" />
70   </target>
71 </element>
72 <element>
73   <code value="836498007+836388000" />
74   <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Rubella virus
antigen (medicinal product)" />
75   <target>
76     <code value="RoetelnMumpsImpfstoff" />

```



```

77     <display value="Röteln, Mumps-Impfstoff" />
78     <equivalence value="equivalent" />
79     </target>
80 </element>
81 <element>
82     <code value="871729003+836380007+601000221108+863911006+836374004+871
83     871008" />
84     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product) + Vaccine
product containing only Neisseria meningitidis serogroup A and C antigens
(medicinal product)" />
84     <target>
85     <code value="DiphtherieHaemophilusinfluenzaeBPertussisTetanusHepati
tisBMeningokokkenACImpfstoff" />
86     <display value="Diphtherie, Haemophilus influenzae B, Pertussis,
Tetanus, Hepatitis B, Meningokokken A + C-Impfstoff" />
87     <equivalence value="equivalent" />
88     </target>
89 </element>
90 <element>
91     <code value="871891001" />
92     <display value="Vaccine product containing only acellular Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Hepatitis B virus and inactivated whole Human poliovirus antigens
(medicinal product)" />
93     <target>
94     <code value="DiphtheriePertussisPoliomyelitisTetanusHepatitisBImpfs
toff" />
95     <display value="Diphtherie-Pertussis, Poliomyelitis, Tetanus,
Hepatitis B-Impfstoff" />
96     <equivalence value="equivalent" />
97     </target>
98 </element>
99 <element>
100    <code value="871729003+836380007+601000221108+863911006+836374004" />
101    <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product)" />
102    <target>
103    <code value="DiphtherieHaemophilusinfluenzaeBPertussisTetanusHepati
tisBImpfstoff" />
104    <display value="Diphtherie-Haemophilus influenzae B, Pertussis,
Tetanus, Hepatitis B-Impfstoff" />
105    <equivalence value="equivalent" />
106    </target>
107 </element>
108 <element>
109    <code value="871804001" />
110    <display value="Vaccine product containing only Hepatitis A virus and
Salmonella enterica subspecies enterica serovar Typhi antigens (medicinal
product)" />
111    <target>
112    <code value="TyphusHepatitisAImpfstoff" />

```

```

113     <display value="Typhus-Hepatitis A-Impfstoff" />
114     <equivalence value="equivalent" />
115   </target>
116 </element>
117 <element>
118   <code value="871895005" />
119   <display value="Vaccine product containing only Bordetella pertussis
and Clostridium tetani and Corynebacterium diphtheriae and Haemophilus
influenzae type B and Hepatitis B virus and Human poliovirus antigens
(medicinal product)" />
120   <target>
121     <code value="DiphtherieHaemophilusinfluenzaeBPertussisPoliomyelitis
TetanusHepatitisBImpfstoff" />
122     <display value="Diphtherie-Haemophilus influenzae B-Pertussis,
Poliomyelitis, Tetanus, Hepatitis B-Impfstoff" />
123     <equivalence value="equivalent" />
124   </target>
125 </element>
126 <element>
127   <code value="871806004" />
128   <display value="Vaccine product containing only Haemophilus
influenzae type B and Hepatitis B virus antigens (medicinal product)" />
129   <target>
130     <code value="HaemophilusinfluenzaeBHepatitisBImpfstoff" />
131     <display value="Haemophilus influenzae B, Hepatitis B-Impfstoff" />
132     <equivalence value="equivalent" />
133   </target>
134 </element>
135 <element>
136   <code value="871729003+836374004+863911006" />
137   <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Hepatitis B virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
138   <target>
139     <code value="DiphtherieHepatitisBTetanusImpfstoff" />
140     <display value="Diphtherie, Hepatitis B, Tetanus-Impfstoff" />
141     <equivalence value="equivalent" />
142   </target>
143 </element>
144 <element>
145   <code value="871887006" />
146   <display value="Vaccine product containing only Bordetella pertussis
and Clostridium tetani and Corynebacterium diphtheriae and Haemophilus
influenzae type B and Human poliovirus antigens (medicinal product)" />
147   <target>
148     <code value="DiphtherieHaemophilusinfluenzaeBPertussisPoliomyelitis
TetanusImpfstoff" />
149     <display value="Diphtherie-Haemophilus influenzae B, Pertussis,
Poliomyelitis, Tetanus-Impfstoff" />
150     <equivalence value="equivalent" />
151   </target>
152 </element>
153 <element>
154   <code value="863911006+836374004+601000221108+836381006" />
155   <display value="Vaccine product containing Clostridium tetani antigen
(medicinal product) + Vaccine product containing Hepatitis B virus antigen
(medicinal product) + Vaccine product containing Bordetella pertussis
antigen (medicinal product) + Vaccine product containing Corynebacterium
diphtheriae antigen (medicinal product)" />

```

```

156     <target>
157         <code value="DiphtherieHepatitisBPertussisTetanusImpfstoff" />
158         <display value="Diphtherie, Hepatitis B, Pertussis, Tetanus-
Impfstoff" />
159         <equivalence value="equivalent" />
160     </target>
161 </element>
162 <element>
163     <code value="836380007+1031000221108" />
164     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Human
poliovirus antigen (medicinal product)" />
165     <target>
166         <code value="HaemophilusinfluenzaeBPoliomyelitisImpfstoff" />
167         <display value="Haemophilus influenzae B, Poliomyelitis-
Impfstoff" />
168         <equivalence value="equivalent" />
169     </target>
170 </element>
171 <element>
172     <code value="871729003+836388000+863911006" />
173     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Rubella virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
174     <target>
175         <code value="DiphtherieRoetelnTetanusImpfstoff" />
176         <display value="Diphtherie, Röteln, Tetanus-Impfstoff" />
177         <equivalence value="equivalent" />
178     </target>
179 </element>
180 <element>
181     <code value="871878002" />
182     <display value="Vaccine product containing only Bordetella pertussis
and Clostridium tetani and Corynebacterium diphtheriae and Human poliovirus
antigens (medicinal product)" />
183     <target>
184         <code value="DiphtheriePertussisPoliomyelitisTetanusImpfstoff" />
185         <display value="Diphtherie, Pertussis, Poliomyelitis, Tetanus-
Impfstoff" />
186         <equivalence value="equivalent" />
187     </target>
188 </element>
189 <element>
190     <code value="871837004" />
191     <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae and Human poliovirus antigens (medicinal
product)" />
192     <target>
193         <code value="DiphtheriePoliomyelitisTetanusImpfstoff" />
194         <display value="Diphtherie, Poliomyelitis, Tetanus-Impfstoff" />
195         <equivalence value="equivalent" />
196     </target>
197 </element>
198 <element>
199     <code value="871908002" />
200     <display value="Vaccine product containing only Human
alphaherpesvirus 3 and Measles morbillivirus and Mumps orthorubulavirus and
Rubella virus antigens (medicinal product)" />
201     <target>

```

```

202     <code value="MasernMumpsRoetelnVaricellaImpfstoff" />
203     <display value="Masern, Mumps, Röteln, Varicella-Impfstoff" />
204     <equivalence value="equivalent" />
205   </target>
206 </element>
207 <element>
208   <code value="836382004+836388000" />
209   <display value="Vaccine product containing Measles morbillivirus
antigen (medicinal product) + Vaccine product containing Rubella virus
antigen (medicinal product)" />
210   <target>
211     <code value="MasernRoetelnImpfstoff" />
212     <display value="Masern, Röteln-Impfstoff" />
213     <equivalence value="equivalent" />
214   </target>
215 </element>
216 <element>
217   <code value="871831003" />
218   <display value="Vaccine product containing only Measles morbillivirus
and Mumps orthorubulavirus and Rubella virus antigens (medicinal product)"
/>
219   <target>
220     <code value="MasernMumpsRoetelnMMRImpfstoff" />
221     <display value="Masern, Mumps, Röteln (MMR) - Impfstoff" />
222     <equivalence value="equivalent" />
223   </target>
224 </element>
225 <element>
226   <code value="836498007+836382004" />
227   <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Measles
morbillivirus antigen (medicinal product)" />
228   <target>
229     <code value="MasernMumpsImpfstoff" />
230     <display value="Masern, Mumps-Impfstoff" />
231     <equivalence value="equivalent" />
232   </target>
233 </element>
234 <element>
235   <code value="871803007" />
236   <display value="Vaccine product containing only Hepatitis A and
Hepatitis B virus antigens (medicinal product)" />
237   <target>
238     <code value="HepatitisAundBImpfstoff" />
239     <display value="Hepatitis A und B-Impfstoff" />
240     <equivalence value="equivalent" />
241   </target>
242 </element>
243 <element>
244   <code value="871826000" />
245   <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae antigens (medicinal product)" />
246   <target>
247     <code value="TetanusDiphtherieImpfstoff" />
248     <display value="Tetanus, Diphtherie-Impfstoff" />
249     <equivalence value="equivalent" />
250   </target>
251 </element>
252 <element>
253   <code value="836398006+836380007" />

```

```

254     <display value="Vaccine product containing Streptococcus pneumoniae
antigen (medicinal product) + Vaccine product containing Haemophilus
influenzae type B antigen (medicinal product)" />
255     <target>
256         <code value="PneumokokkenHaemophilusinfluenzaeBImpfstoff" />
257         <display value="Pneumokokken, Haemophilus influenzae B-Impfstoff" /
>
258     <equivalence value="equivalent" />
259     </target>
260 </element>
261 <element>
262     <code value="836500008" />
263     <display value="Vaccine product containing only Haemophilus
influenzae type B and Neisseria meningitidis serogroup C antigens
(medicinal product)" />
264     <target>
265         <code value="HaemophilusinfluenzaeBMeningokokkenCImpfstoff" />
266         <display value="Haemophilus influenzae B, Meningokokken C-
Impfstoff" />
267     <equivalence value="equivalent" />
268     </target>
269 </element>
270 <element>
271     <code value="836380007+601000221108" />
272     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Bordetella
pertussis antigen (medicinal product)" />
273     <target>
274         <code value="HaemophilusinfluenzaeBPertussisImpfstoff" />
275         <display value="Haemophilus influenzae B, Pertussis-Impfstoff" />
276         <equivalence value="equivalent" />
277     </target>
278 </element>
279 <element>
280     <code value="836383009+836390004" />
281     <display value="Vaccine product containing Vibrio cholerae antigen
(medicinal product) + Vaccine product containing Salmonella enterica
subspecies enterica serovar Typhi antigen (medicinal product)" />
282     <target>
283         <code value="CholeraTyphusImpfstoff" />
284         <display value="Cholera, Typhus-Impfstoff" />
285         <equivalence value="equivalent" />
286     </target>
287 </element>
288 <element>
289     <code value="836378001" />
290     <display value="Vaccine product containing Japanese encephalitis
virus antigen (medicinal product)" />
291     <target>
292         <code value="JapanischeEnzephalitisImpfstoff" />
293         <display value="Japanische Enzephalitis-Impfstoff" />
294         <equivalence value="equivalent" />
295     </target>
296 </element>
297 <element>
298     <code value="836403007" />
299     <display value="Vaccine product containing Tick-borne encephalitis
virus antigen (medicinal product)" />
300     <target>
301         <code value="FSMEImpfstoff" />

```

```

302     <display value="FSME-Impfstoff" />
303     <equivalence value="equivalent" />
304   </target>
305 </element>
306 <element>
307   <code value="871738001" />
308   <display value="Vaccine product containing only live attenuated Mumps
orthorubulavirus antigen (medicinal product)" />
309   <target>
310     <code value="MumpsImpfstoff" />
311     <display value="Mumps-Impfstoff" />
312     <equivalence value="equivalent" />
313   </target>
314 </element>
315 <element>
316   <code value="1031000221108" />
317   <display value="Vaccine product containing Human poliovirus antigen
(medicinal product)" />
318   <target>
319     <code value="PolioImpfstoff" />
320     <display value="Polio-Impfstoff" />
321     <equivalence value="equivalent" />
322   </target>
323 </element>
324 <element>
325   <code value="836387005" />
326   <display value="Vaccine product containing Rotavirus antigen
(medicinal product)" />
327   <target>
328     <code value="RotaImpfstoff" />
329     <display value="Rota-Impfstoff" />
330     <equivalence value="equivalent" />
331   </target>
332 </element>
333 <element>
334   <code value="836393002" />
335   <display value="Vaccine product containing Rabies lyssavirus antigen
(medicinal product)" />
336   <target>
337     <code value="TollwutImpfstoff" />
338     <display value="Tollwut-Impfstoff" />
339     <equivalence value="equivalent" />
340   </target>
341 </element>
342 <element>
343   <code value="836495005" />
344   <display value="Vaccine product containing Human alphaherpesvirus 3
antigen (medicinal product)" />
345   <target>
346     <code value="HerpesZosterTotimpfstoff" />
347     <display value="Herpes Zoster-Totimpfstoff" />
348     <equivalence value="equivalent" />
349   </target>
350 </element>
351 <element>
352   <code value="836389008" />
353   <display value="Vaccine product containing Vaccinia virus antigen
(medicinal product)" />
354   <target>
355     <code value="Pockenimpfstoff" />

```

```

356     <display value="Pockenimpfstoff" />
357     <equivalence value="equivalent" />
358   </target>
359 </element>
360 <element>
361   <code value="836379009" />
362   <display value="Vaccine product containing Human papillomavirus
antigen (medicinal product)" />
363   <target>
364     <code value="HPVImpfstoff" />
365     <display value="HPV Impfstoff" />
366     <equivalence value="equivalent" />
367   </target>
368 </element>
369 <element>
370   <code value="836385002" />
371   <display value="Vaccine product containing Yellow fever virus antigen
(medicinal product)" />
372   <target>
373     <code value="Gelbfieberimpfstoff" />
374     <display value="Gelbfieberimpfstoff" />
375     <equivalence value="equivalent" />
376   </target>
377 </element>
378 <element>
379   <code value="836388000" />
380   <display value="Vaccine product containing Rubella virus antigen
(medicinal product)" />
381   <target>
382     <code value="Roetelnimpfstoff" />
383     <display value="Rötelnimpfstoff" />
384     <equivalence value="equivalent" />
385   </target>
386 </element>
387 <element>
388   <code value="836382004" />
389   <display value="Vaccine product containing Measles morbillivirus
antigen (medicinal product)" />
390   <target>
391     <code value="Masernimpfstoff" />
392     <display value="Masernimpfstoff" />
393     <equivalence value="equivalent" />
394   </target>
395 </element>
396 <element>
397   <code value="836375003" />
398   <display value="Vaccine product containing Hepatitis A virus antigen
(medicinal product)" />
399   <target>
400     <code value="HepatitisAImpfstoff" />
401     <display value="Hepatitis A Impfstoff" />
402     <equivalence value="equivalent" />
403   </target>
404 </element>
405 <element>
406   <code value="836374004" />
407   <display value="Vaccine product containing Hepatitis B virus antigen
(medicinal product)" />
408   <target>
409     <code value="HepatitisBImpfstoff" />

```

```

410     <display value="Hepatitis B Impfstoff" />
411     <equivalence value="equivalent" />
412   </target>
413 </element>
414 <element>
415   <code value="836377006" />
416   <display value="Vaccine product containing Influenza virus antigen
(medicinal product)" />
417   <target>
418     <code value="Influenzaimpfstoff" />
419     <display value="Influenzaimpfstoff" />
420     <equivalence value="equivalent" />
421   </target>
422 </element>
423 <element>
424   <code value="836390004" />
425   <display value="Vaccine product containing Salmonella enterica
subspecies enterica serovar Typhi antigen (medicinal product)" />
426   <target>
427     <code value="Typhusimpfstoff" />
428     <display value="Typhusimpfstoff" />
429     <equivalence value="equivalent" />
430   </target>
431 </element>
432 <element>
433   <code value="836402002" />
434   <display value="Vaccine product containing live attenuated
Mycobacterium bovis antigen (medicinal product)" />
435   <target>
436     <code value="Tuberkuloseimpfstoff" />
437     <display value="Tuberkuloseimpfstoff" />
438     <equivalence value="equivalent" />
439   </target>
440 </element>
441 <element>
442   <code value="863911006" />
443   <display value="Vaccine product containing Clostridium tetani antigen
(medicinal product)" />
444   <target>
445     <code value="Tetanusimpfstoff" />
446     <display value="Tetanusimpfstoff" />
447     <equivalence value="equivalent" />
448   </target>
449 </element>
450 <element>
451   <code value="836398006" />
452   <display value="Vaccine product containing Streptococcus pneumoniae
antigen (medicinal product)" />
453   <target>
454     <code value="Pneumokokkenimpfstoff" />
455     <display value="Pneumokokkenimpfstoff" />
456     <equivalence value="equivalent" />
457   </target>
458 </element>
459 <element>
460   <code value="840549009" />
461   <display value="Vaccine product containing Yersinia pestis antigen
(medicinal product)" />
462   <target>
463     <code value="Pestimpfstoff" />

```



```

464     <display value="Pestimpfstoff" />
465     <equivalence value="equivalent" />
466   </target>
467 </element>
468 <element>
469   <code value="601000221108" />
470   <display value="Vaccine product containing Bordetella pertussis
antigen (medicinal product)" />
471   <target>
472     <code value="Pertussisimpfstoff" />
473     <display value="Pertussisimpfstoff" />
474     <equivalence value="equivalent" />
475   </target>
476 </element>
477 <element>
478   <code value="836401009" />
479   <display value="Vaccine product containing Neisseria meningitidis
antigen (medicinal product)" />
480   <target>
481     <code value="Meningokokkenimpfstoff" />
482     <display value="Meningokokkenimpfstoff" />
483     <equivalence value="equivalent" />
484   </target>
485 </element>
486 <element>
487   <code value="836380007" />
488   <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product)" />
489   <target>
490     <code value="HaemophilusinfluenzaeBimpfstoff" />
491     <display value="Haemophilus influenzae B Impfstoff" />
492     <equivalence value="equivalent" />
493   </target>
494 </element>
495 <element>
496   <code value="836381006" />
497   <display value="Vaccine product containing Corynebacterium
diphtheriae antigen (medicinal product)" />
498   <target>
499     <code value="Diphtherieimpfstoff" />
500     <display value="Diphtherieimpfstoff" />
501     <equivalence value="equivalent" />
502   </target>
503 </element>
504 <element>
505   <code value="836383009" />
506   <display value="Vaccine product containing Vibrio cholerae antigen
(medicinal product)" />
507   <target>
508     <code value="Choleraimpfstoff" />
509     <display value="Choleraimpfstoff" />
510     <equivalence value="equivalent" />
511   </target>
512 </element>
513 <element>
514   <code value="836384003" />
515   <display value="Vaccine product containing Bacillus anthracis antigen
(medicinal product)" />
516   <target>
517     <code value="Milzbrandimpfstoff" />

```

```

518     <display value="Milzbrandimpfstoff" />
519     <equivalence value="equivalent" />
520   </target>
521 </element>
522 <element>
523   <code value="714569001" />
524   <display value="Product containing normal immunoglobulin human
(medicinal product)" />
525   <target>
526     <code value="Immunglobulinenormalhuman" />
527     <display value="Immunglobuline (normal human)" />
528     <equivalence value="equivalent" />
529   </target>
530 </element>
531 <element>
532   <code value="786224004" />
533   <display value="Product containing human anti-D immunoglobulin
(medicinal product)" />
534   <target>
535     <code value="AntiDrhImmunglobulin" />
536     <display value="Anti-D(rh)-Immunglobulin" />
537     <equivalence value="equivalent" />
538   </target>
539 </element>
540 <element>
541   <code value="384706007" />
542   <display value="Product containing tetanus antitoxin (medicinal
product)" />
543   <target>
544     <code value="TetanusImmunglobulin" />
545     <display value="Tetanus-Immunglobulin" />
546     <equivalence value="equivalent" />
547   </target>
548 </element>
549 <element>
550   <code value="62294009" />
551   <display value="Product containing Varicella-zoster virus antibody
(medicinal product)" />
552   <target>
553     <code value="VaricellaZosterImmunglobulin" />
554     <display value="Varicella/Zoster-Immunglobulin" />
555     <equivalence value="equivalent" />
556   </target>
557 </element>
558 <element>
559   <code value="9542007" />
560   <display value="Product containing Hepatitis B surface antigen
immunoglobulin (medicinal product)" />
561   <target>
562     <code value="HepatitisBImmunglobulin" />
563     <display value="Hepatitis-B-Immunglobulin" />
564     <equivalence value="equivalent" />
565   </target>
566 </element>
567 <element>
568   <code value="80834004" />
569   <display value="Product containing rabies human immune globulin
(medicinal product)" />
570   <target>
571     <code value="TollwutImmunglobulin" />

```

```

572     <display value="Tollwut-Immunglobulin" />
573     <equivalence value="equivalent" />
574   </target>
575 </element>
576 <element>
577   <code value="9778000" />
578   <display value="Product containing Cytomegalovirus antibody
(medicinal product)" />
579   <target>
580     <code value="CytomegalievirusImmunglobulin" />
581     <display value="Cytomegalievirus-Immunglobulin" />
582     <equivalence value="equivalent" />
583   </target>
584 </element>
585 <element>
586   <code value="108725001" />
587   <display value="Product containing palivizumab (medicinal product)" /
>
588   <target>
589     <code value="Palivizumab" />
590     <display value="Palivizumab" />
591     <equivalence value="equivalent" />
592   </target>
593 </element>
594 <element>
595   <code value="763703008" />
596   <display value="Product containing bezlotoxumab (medicinal
product)" />
597   <target>
598     <code value="Bezlotoxumab" />
599     <display value="Bezlotoxumab" />
600     <equivalence value="equivalent" />
601   </target>
602 </element>
603 <element>
604   <code value="787859002" />
605   <display value="Vaccine product (medicinal product)" />
606   <target>
607     <code value="SonstigerImpfstoffhiernichtgelistet" />
608     <display value="Sonstiger Impfstoff (hier nicht gelistet)" />
609     <equivalence value="equivalent" />
610   </target>
611 </element>
612 <element>
613   <code value="7230005" />
614   <display value="Brucella vaccine (product)" />
615   <target>
616     <code value="Brucelloseimpfstoff" />
617     <display value="Brucelloseimpfstoff" />
618     <equivalence value="equivalent" />
619   </target>
620 </element>
621 </group>
622 <group>
623   <source value="http://fhir.de/CodeSystem/dimdi/atc" />
624   <sourceVersion value="atcgm2021" />
625   <target value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Vaccine_List_German" />
626   <targetVersion value="1.1.0" />
627 </element>

```

```
628     <code value="J07BK02" />
629     <display value="Zoster Virus, lebend abgeschwächt" />
630     <target>
631         <code value="HerpesZosterLebendimpfstoff" />
632         <display value="Herpes Zoster-Lebendimpfstoff" />
633         <equivalence value="equivalent" />
634     </target>
635 </element>
636 </group>
637 </ConceptMap>
```

26. KBV_CM_MIO_VACCINATION_VACCINE_TARGETDISEASE

KBV_CM_MIO_Vaccination_Vaccine_Targetdisease

```
1 <ConceptMap xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_Vaccination_Vaccine_Targetdisease" />
3   <version value="1.1.0" />
4   <name value="KBV_CM_MIO_Vaccination_Vaccine_Targetdisease" />
5   <status value="active" />
6   <experimental value="false" />
7   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8   <description value="Diese Conceptmap verknüpft die Codes für
impfrelevante durchgemachte Krankheiten mit denen für Impfstoffe und bietet
einen deutschen Code." />
9   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved. Hinweis: This material includes SNOMED Clinical
Terms® (SNOMED CT®) which is used by permission of SNOMED International.
All rights reserved. SNOMED CT®, was originally created by The College of
American Pathologists. SNOMED and SNOMED CT are registered trademarks of
SNOMED International. Implementers of these artefacts must have the
appropriate SNOMED CT Affiliate license." />
10  <group>
11    <source value="http://snomed.info/sct" />
12    <target value="http://fhir.de/CodeSystem/dimdi/alpha-id" />
13    <element>
14      <code value="840539006" />
15      <display value="Disease caused by Severe acute respiratory syndrome
coronavirus 2 (disorder)" />
16      <target>
17        <code value="I130800" />
18        <display value="COVID-19 o.n.A." />
19        <equivalence value="equivalent" />
20      </target>
21    </element>
22    <element>
23      <code value="67924001" />
24      <display value="Smallpox (disorder)" />
25      <target>
26        <code value="I15064" />
27        <display value="Pocken" />
28        <equivalence value="equivalent" />
29      </target>
30    </element>
31    <element>
32      <code value="240532009" />
33      <display value="Human papilomavirus infection (disorder)" />
34      <target>
35        <code value="I130676" />
36        <display value="HPV [Humanes Papillomavirus]-Infektion" />
37        <equivalence value="equivalent" />
38      </target>
39    </element>
40    <element>
41      <code value="16541001" />
42      <display value="Yellow fever (disorder)" />
43      <target>
44        <code value="I14036" />
```

```

45     <display value="Gelbfieber" />
46     <equivalence value="equivalent" />
47   </target>
48 </element>
49 <element>
50   <code value="4740000" />
51   <display value="Herpes Zoster (disorder)" />
52   <target>
53     <code value="I23144" />
54     <display value="Herpes zoster" />
55     <equivalence value="equivalent" />
56   </target>
57 </element>
58 <element>
59   <code value="38907003" />
60   <display value="Varicella (disorder)" />
61   <target>
62     <code value="I15579" />
63     <display value="Windpocken" />
64     <equivalence value="equivalent" />
65   </target>
66 </element>
67 <element>
68   <code value="36653000" />
69   <display value="Rubella (disorder)" />
70   <target>
71     <code value="I15222" />
72     <display value="Röteln" />
73     <equivalence value="equivalent" />
74   </target>
75 </element>
76 <element>
77   <code value="18624000" />
78   <display value="Disease caused by Rotavirus (disorder)" />
79   <target>
80     <code value="I130669" />
81     <display value="Rotaviren-Infektion" />
82     <equivalence value="equivalent" />
83   </target>
84 </element>
85 <element>
86   <code value="14168008" />
87   <display value="Rabies (disorder)" />
88   <target>
89     <code value="I22407" />
90     <display value="Tollwut" />
91     <equivalence value="equivalent" />
92   </target>
93 </element>
94 <element>
95   <code value="398102009" />
96   <display value="Acute Poliomyelitis (disorder)" />
97   <target>
98     <code value="I14372" />
99     <display value="Poliomyelitis" />
100   <equivalence value="equivalent" />
101 </target>
102 </element>
103 <element>
104   <code value="36989005" />

```

```

105     <display value="Mumps (disorder)" />
106     <target>
107         <code value="I14707" />
108         <display value="Mumps" />
109         <equivalence value="equivalent" />
110     </target>
111 </element>
112 <element>
113     <code value="14189004" />
114     <display value="Measles (disorder)" />
115     <target>
116         <code value="I14609" />
117         <display value="Masern" />
118         <equivalence value="equivalent" />
119     </target>
120 </element>
121 <element>
122     <code value="40468003" />
123     <display value="Viral hepatitis, type A (disorder)" />
124     <target>
125         <code value="I15771" />
126         <display value="Hepatitis A" />
127         <equivalence value="equivalent" />
128     </target>
129 </element>
130 <element>
131     <code value="66071002" />
132     <display value="Viral hepatitis, type B (disorder)" />
133     <target>
134         <code value="I15777" />
135         <display value="Hepatitis B" />
136         <equivalence value="equivalent" />
137     </target>
138 </element>
139 <element>
140     <code value="6142004" />
141     <display value="Influenza (disorder)" />
142     <target>
143         <code value="I14083" />
144         <display value="Grippe [Influenza]" />
145         <equivalence value="equivalent" />
146     </target>
147 </element>
148 <element>
149     <code value="52947006" />
150     <display value="Japanese encephalitis virus disease (disorder)" />
151     <target>
152         <code value="I1064" />
153         <display value="Japanische Enzephalitis" />
154         <equivalence value="equivalent" />
155     </target>
156 </element>
157 <element>
158     <code value="16901001" />
159     <display value="Central European encephalitis (disorder)" />
160     <target>
161         <code value="I23483" />
162         <display value="FSME [Zentraleuropäische Frühsommer-
Meningoenzephalitis]" />
163         <equivalence value="equivalent" />

```

```

164     </target>
165 </element>
166 <element>
167   <code value="4834000" />
168   <display value="Typhoid fever (disorder)" />
169   <target>
170     <code value="I22454" />
171     <display value="Typhus" />
172     <equivalence value="equivalent" />
173   </target>
174 </element>
175 <element>
176   <code value="56717001" />
177   <display value="Tuberculosis (disorder)" />
178   <target>
179     <code value="I22433" />
180     <display value="Tuberkulose" />
181     <equivalence value="equivalent" />
182   </target>
183 </element>
184 <element>
185   <code value="76902006" />
186   <display value="Tetanus (disorder)" />
187   <target>
188     <code value="I15432" />
189     <display value="Tetanus-Infektion" />
190     <equivalence value="equivalent" />
191   </target>
192 </element>
193 <element>
194   <code value="16814004" />
195   <display value="Pneumococcal infectious disease (disorder)" />
196   <target>
197     <code value="I130672" />
198     <display value="Pneumokokken-Infektion" />
199     <equivalence value="equivalent" />
200   </target>
201 </element>
202 <element>
203   <code value="58750007" />
204   <display value="Plague (disorder)" />
205   <target>
206     <code value="I15008" />
207     <display value="Pest" />
208     <equivalence value="equivalent" />
209   </target>
210 </element>
211 <element>
212   <code value="27836007" />
213   <display value="Pertussis (disorder)" />
214   <target>
215     <code value="I14368" />
216     <display value="Pertussis" />
217     <equivalence value="equivalent" />
218   </target>
219 </element>
220 <element>
221   <code value="23511006" />
222   <display value="Meningococcal infectious disease (disorder)" />
223   <target>

```



```

224     <code value="I130671" />
225     <display value="Meningokokken-Infektion" />
226     <equivalence value="equivalent" />
227   </target>
228 </element>
229 <element>
230   <code value="709410003" />
231   <display value="Haemophilus influenzae type b infection (disorder)" /
>
232   <target>
233     <code value="I130674" />
234     <display value="Haemophilus-influenzae-Typ-B-Infektion" />
235     <equivalence value="equivalent" />
236   </target>
237 </element>
238 <element>
239   <code value="397430003" />
240   <display value="Diphtheria caused by Corynebacterium diphtheriae
(disorder)" />
241   <target>
242     <code value="I23502" />
243     <display value="Diphtherie" />
244     <equivalence value="equivalent" />
245   </target>
246 </element>
247 <element>
248   <code value="63650001" />
249   <display value="Cholera (disorder)" />
250   <target>
251     <code value="I13614" />
252     <display value="Cholera" />
253     <equivalence value="equivalent" />
254   </target>
255 </element>
256 <element>
257   <code value="75702008" />
258   <display value="Brucellosis (disorder)" />
259   <target>
260     <code value="I13550" />
261     <display value="Brucellose" />
262     <equivalence value="equivalent" />
263   </target>
264 </element>
265 <element>
266   <code value="409498004" />
267   <display value="Anthrax (disorder)" />
268   <target>
269     <code value="I14685" />
270     <display value="Milzbrand" />
271     <equivalence value="equivalent" />
272   </target>
273 </element>
274 <element>
275   <code value="39111003" />
276   <display value="Louse-borne typhus (disorder)" />
277   <target>
278     <code value="I13965" />
279     <display value="Fleckfieber" />
280     <equivalence value="equivalent" />
281   </target>

```

```

282 </element>
283 <element>
284   <code value="289444009" />
285   <display value="Cytomegalovirus infection (disorder)" />
286   <target>
287     <code value="I130677" />
288     <display value="Zytomegalieviren-Infektion" />
289     <equivalence value="equivalent" />
290   </target>
291 </element>
292 <element>
293   <code value="55735004" />
294   <display value="Respiratory syncytial virus infection (disorder)" />
295   <target>
296     <code value="I130678" />
297     <display value="Respiratory-Syncytial-Viren-Infektion" />
298     <equivalence value="equivalent" />
299   </target>
300 </element>
301 <element>
302   <code value="186431008" />
303   <display value="Clostridioides difficile infection (disorder)" />
304   <target>
305     <code value="I130668" />
306     <display value="Clostridioides-difficile-Infektion" />
307     <equivalence value="equivalent" />
308   </target>
309 </element>
310 <element>
311   <code value="307333004" />
312   <display value="Rhesus isoimmunization due to anti-D (disorder)" />
313   <target>
314     <code value="I109141" />
315     <display value="Rh-Unverträglichkeit bei Schwangerschaft" />
316     <equivalence value="equivalent" />
317   </target>
318 </element>
319 </group>
320 <group>
321   <source value="http://snomed.info/sct" />
322   <target value="http://snomed.info/sct" />
323   <element>
324     <code value="840539006" />
325     <display value="Disease caused by Severe acute respiratory syndrome
326     coronavirus 2 (disorder)" />
327     <target>
328       <code value="1119305005" />
329       <display value="Vaccine product containing only Severe acute
330       respiratory syndrome coronavirus 2 antigen (medicinal product)" />
331       <equivalence value="relatedto" />
332     </target>
333     <target>
334       <code value="1119349007" />
335       <display value="Vaccine product containing only Severe acute
336       respiratory syndrome coronavirus 2 messenger ribonucleic acid (medicinal
337       product)" />
338       <equivalence value="relatedto" />
339     </target>
340   </element>
341 </group>

```

```

338     <code value="67924001" />
339     <display value="Smallpox (disorder)" />
340     <target>
341         <code value="836389008" />
342         <display value="Vaccine product containing Vaccinia virus antigen
(medicinal product)" />
343         <equivalence value="relatedto" />
344     </target>
345 </element>
346 <element>
347     <code value="240532009" />
348     <display value="Human papilomavirus infection (disorder)" />
349     <target>
350         <code value="836379009" />
351         <display value="Vaccine product containing Human papillomavirus
antigen (medicinal product)" />
352         <equivalence value="relatedto" />
353     </target>
354 </element>
355 <element>
356     <code value="16541001" />
357     <display value="Yellow fever (disorder)" />
358     <target>
359         <code value="836385002" />
360         <display value="Vaccine product containing Yellow fever virus
antigen (medicinal product)" />
361         <equivalence value="relatedto" />
362     </target>
363 </element>
364 <element>
365     <code value="4740000" />
366     <display value="Herpes Zoster (disorder)" />
367     <target>
368         <code value="836495005" />
369         <display value="Vaccine product containing Human alphaherpesvirus 3
antigen (medicinal product)" />
370         <equivalence value="relatedto" />
371     </target>
372     <target>
373         <code value="2221000221107" />
374         <display value="Vaccine product containing only live attenuated
Human alphaherpesvirus 3 antigen (medicinal product)" />
375         <equivalence value="relatedto" />
376     </target>
377     <target>
378         <code value="62294009" />
379         <display value="Product containing Varicella-zoster virus antibody
(medicinal product)" />
380         <equivalence value="relatedto" />
381     </target>
382 </element>
383 <element>
384     <code value="38907003" />
385     <display value="Varicella (disorder)" />
386     <target>
387         <code value="2221000221107" />
388         <display value="Vaccine product containing only live attenuated
Human alphaherpesvirus 3 antigen (medicinal product)" />
389         <equivalence value="relatedto" />
390     </target>

```

```

391     <target>
392         <code value="871908002" />
393         <display value="Vaccine product containing only Human
alphaherpesvirus 3 and Measles morbillivirus and Mumps orthorubulavirus and
Rubella virus antigens (medicinal product)" />
394         <equivalence value="relatedto" />
395     </target>
396     <target>
397         <code value="62294009" />
398         <display value="Product containing Varicella-zoster virus antibody
(medicinal product)" />
399         <equivalence value="relatedto" />
400     </target>
401 </element>
402 <element>
403     <code value="36653000" />
404     <display value="Rubella (disorder)" />
405     <target>
406         <code value="836388000" />
407         <display value="Vaccine product containing Rubella virus antigen
(medicinal product)" />
408         <equivalence value="relatedto" />
409     </target>
410     <target>
411         <code value="871831003" />
412         <display value="Vaccine product containing only Measles
morbillivirus and Mumps orthorubulavirus and Rubella virus antigens
(medicinal product)" />
413         <equivalence value="relatedto" />
414     </target>
415     <target>
416         <code value="836498007+836388000" />
417         <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Rubella virus
antigen (medicinal product)" />
418         <equivalence value="relatedto" />
419     </target>
420     <target>
421         <code value="836382004 + 836388000" />
422         <display value="Vaccine product containing Measles morbillivirus
antigen (medicinal product) + Vaccine product containing Rubella virus
antigen (medicinal product)" />
423         <equivalence value="relatedto" />
424     </target>
425     <target>
426         <code value="871908002" />
427         <display value="Vaccine product containing only Human
alphaherpesvirus 3 and Measles morbillivirus and Mumps orthorubulavirus and
Rubella virus antigens (medicinal product)" />
428         <equivalence value="relatedto" />
429     </target>
430     <target>
431         <code value="871729003 + 836388000 + 863911006" />
432         <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Rubella virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
433         <equivalence value="relatedto" />
434     </target>
435 </element>

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436 <element>
437 <code value="18624000" />
438 <display value="Disease caused by Rotavirus (disorder)" />
439 <target>
440 <code value="836387005" />
441 <display value="Vaccine product containing Rotavirus antigen
(medicinal product)" />
442 <equivalence value="relatedto" />
443 </target>
444 </element>
445 <element>
446 <code value="14168008" />
447 <display value="Rabies (disorder)" />
448 <target>
449 <code value="836393002" />
450 <display value="Vaccine product containing Rabies lyssavirus
antigen (medicinal product)" />
451 <equivalence value="relatedto" />
452 </target>
453 <target>
454 <code value="80834004" />
455 <display value="Product containing rabies human immune globulin
(medicinal product)" />
456 <equivalence value="relatedto" />
457 </target>
458 </element>
459 <element>
460 <code value="398102009" />
461 <display value="Acute Poliomyelitis (disorder)" />
462 <target>
463 <code value="1031000221108" />
464 <display value="Vaccine product containing Human poliovirus antigen
(medicinal product)" />
465 <equivalence value="relatedto" />
466 </target>
467 <target>
468 <code value="871837004" />
469 <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae and Human poliovirus antigens (medicinal
product)" />
470 <equivalence value="relatedto" />
471 </target>
472 <target>
473 <code value="871878002" />
474 <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and Human
poliovirus antigens (medicinal product)" />
475 <equivalence value="relatedto" />
476 </target>
477 <target>
478 <code value="836380007 + 1031000221108" />
479 <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Human
poliovirus antigen (medicinal product)" />
480 <equivalence value="relatedto" />
481 </target>
482 <target>
483 <code value="871887006" />

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484         <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Human poliovirus antigens (medicinal
product)" />
485         <equivalence value="relatedto" />
486     </target>
487     <target>
488         <code value="871895005" />
489         <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Hepatitis B virus and Human poliovirus
antigens (medicinal product)" />
490         <equivalence value="relatedto" />
491     </target>
492     <target>
493         <code value="871891001" />
494         <display value="Vaccine product containing only acellular
Bordetella pertussis and Clostridium tetani and Corynebacterium diphtheriae
and Hepatitis B virus and inactivated whole Human poliovirus antigens
(medicinal product)" />
495         <equivalence value="relatedto" />
496     </target>
497 </element>
498 <element>
499     <code value="36989005" />
500     <display value="Mumps (disorder)" />
501     <target>
502         <code value="871738001" />
503         <display value="Vaccine product containing only live attenuated
Mumps orthorubulavirus antigen (medicinal product)" />
504         <equivalence value="relatedto" />
505     </target>
506     <target>
507         <code value="836498007+836382004" />
508         <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Measles
morbillivirus antigen (medicinal product)" />
509         <equivalence value="relatedto" />
510     </target>
511     <target>
512         <code value="836498007+836388000" />
513         <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Rubella virus
antigen (medicinal product)" />
514         <equivalence value="relatedto" />
515     </target>
516     <target>
517         <code value="871831003" />
518         <display value="Vaccine product containing only Measles
morbillivirus and Mumps orthorubulavirus and Rubella virus antigens
(medicinal product)" />
519         <equivalence value="relatedto" />
520     </target>
521     <target>
522         <code value="871908002" />
523         <display value="Vaccine product containing only Human
alphaherpesvirus 3 and Measles morbillivirus and Mumps orthorubulavirus and
Rubella virus antigens (medicinal product)" />
524         <equivalence value="relatedto" />
525     </target>

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526 </element>
527 <element>
528   <code value="14189004" />
529   <display value="Measles (disorder)" />
530   <target>
531     <code value="836382004" />
532     <display value="Vaccine product containing Measles morbillivirus
antigen (medicinal product)" />
533     <equivalence value="relatedto" />
534   </target>
535   <target>
536     <code value="836498007+836382004" />
537     <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Measles
morbillivirus antigen (medicinal product)" />
538     <equivalence value="relatedto" />
539   </target>
540   <target>
541     <code value="871831003" />
542     <display value="Vaccine product containing only Measles
morbillivirus and Mumps orthorubulavirus and Rubella virus antigens
(medicinal product)" />
543     <equivalence value="relatedto" />
544   </target>
545   <target>
546     <code value="836382004 + 836388000" />
547     <display value="Vaccine product containing Measles morbillivirus
antigen (medicinal product) + Vaccine product containing Rubella virus
antigen (medicinal product)" />
548     <equivalence value="relatedto" />
549   </target>
550   <target>
551     <code value="871908002" />
552     <display value="Vaccine product containing only Human
alphaherpesvirus 3 and Measles morbillivirus and Mumps orthorubulavirus and
Rubella virus antigens (medicinal product)" />
553     <equivalence value="relatedto" />
554   </target>
555 </element>
556 <element>
557   <code value="40468003" />
558   <display value="Viral hepatitis, type A (disorder)" />
559   <target>
560     <code value="836375003" />
561     <display value="Vaccine product containing Hepatitis A virus
antigen (medicinal product)" />
562     <equivalence value="relatedto" />
563   </target>
564   <target>
565     <code value="871803007" />
566     <display value="Vaccine product containing only Hepatitis A and
Hepatitis B virus antigens (medicinal product)" />
567     <equivalence value="relatedto" />
568   </target>
569   <target>
570     <code value="871804001" />
571     <display value="Vaccine product containing only Hepatitis A virus
and Salmonella enterica subspecies enterica serovar Typhi antigens
(medicinal product)" />
572     <equivalence value="relatedto" />

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573     </target>
574 </element>
575 <element>
576   <code value="66071002" />
577   <display value="Viral hepatitis, type B (disorder)" />
578   <target>
579     <code value="836374004" />
580     <display value="Vaccine product containing Hepatitis B virus
antigen (medicinal product)" />
581     <equivalence value="relatedto" />
582   </target>
583   <target>
584     <code value="871803007" />
585     <display value="Vaccine product containing only Hepatitis A and
Hepatitis B virus antigens (medicinal product)" />
586     <equivalence value="relatedto" />
587   </target>
588   <target>
589     <code value="871806004" />
590     <display value="Vaccine product containing only Haemophilus
influenzae type B and Hepatitis B virus antigens (medicinal product)" />
591     <equivalence value="relatedto" />
592   </target>
593   <target>
594     <code value="871729003 + 836374004 + 863911006" />
595     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Hepatitis B virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
596     <equivalence value="relatedto" />
597   </target>
598   <target>
599     <code value="871895005" />
600     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Hepatitis B virus and Human poliovirus
antigens (medicinal product)" />
601     <equivalence value="relatedto" />
602   </target>
603   <target>
604     <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004" />
605     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product)" />
606     <equivalence value="relatedto" />
607   </target>
608   <target>
609     <code value="871891001" />
610     <display value="Vaccine product containing only acellular
Bordetella pertussis and Clostridium tetani and Corynebacterium diphtheriae
and Hepatitis B virus and inactivated whole Human poliovirus antigens
(medicinal product)" />
611     <equivalence value="relatedto" />
612   </target>
613   <target>
614     <code value="863911006+836374004+601000221108+836381006" />

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615     <display value="Vaccine product containing Clostridium tetani
antigen (medicinal product) + Vaccine product containing Hepatitis B virus
antigen (medicinal product) + Vaccine product containing Bordetella
pertussis antigen (medicinal product) + Vaccine product containing
Corynebacterium diphtheriae antigen (medicinal product)" />
616     <equivalence value="relatedto" />
617     </target>
618     <target>
619     <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004 + 871871008" />
620     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product) + Vaccine
product containing only Neisseria meningitidis serogroup A and C antigens
(medicinal product)" />
621     <equivalence value="relatedto" />
622     </target>
623     <target>
624     <code value="9542007" />
625     <display value="Product containing Hepatitis B surface antigen
immunoglobulin (medicinal product)" />
626     <equivalence value="relatedto" />
627     </target>
628 </element>
629 <element>
630     <code value="6142004" />
631     <display value="Influenza (disorder)" />
632     <target>
633     <code value="836377006" />
634     <display value="Vaccine product containing Influenza virus antigen
(medicinal product)" />
635     <equivalence value="relatedto" />
636     </target>
637 </element>
638 <element>
639     <code value="52947006" />
640     <display value="Japanese encephalitis virus disease (disorder)" />
641     <target>
642     <code value="836378001" />
643     <display value="Vaccine product containing Japanese encephalitis
virus antigen (medicinal product)" />
644     <equivalence value="relatedto" />
645     </target>
646 </element>
647 <element>
648     <code value="16901001" />
649     <display value="Central European encephalitis (disorder)" />
650     <target>
651     <code value="836403007" />
652     <display value="Vaccine product containing Tick-borne encephalitis
virus antigen (medicinal product)" />
653     <equivalence value="relatedto" />
654     </target>
655 </element>
656 <element>
657     <code value="4834000" />
658     <display value="Typhoid fever (disorder)" />

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659     <target>
660         <code value="836390004" />
661         <display value="Vaccine product containing Salmonella enterica
subspecies enterica serovar Typhi antigen (medicinal product)" />
662         <equivalence value="relatedto" />
663     </target>
664     <target>
665         <code value="836383009 + 836390004" />
666         <display value="Vaccine product containing Vibrio cholerae antigen
(medicinal product) + Vaccine product containing Salmonella enterica
subspecies enterica serovar Typhi antigen (medicinal product)" />
667         <equivalence value="relatedto" />
668     </target>
669     <target>
670         <code value="871804001" />
671         <display value="Vaccine product containing only Hepatitis A virus
and Salmonella enterica subspecies enterica serovar Typhi antigens
(medicinal product)" />
672         <equivalence value="relatedto" />
673     </target>
674 </element>
675 <element>
676     <code value="56717001" />
677     <display value="Tuberculosis (disorder)" />
678     <target>
679         <code value="836402002" />
680         <display value="Vaccine product containing live attenuated
Mycobacterium bovis antigen (medicinal product)" />
681         <equivalence value="relatedto" />
682     </target>
683 </element>
684 <element>
685     <code value="76902006" />
686     <display value="Tetanus (disorder)" />
687     <target>
688         <code value="863911006" />
689         <display value="Vaccine product containing Clostridium tetani
antigen (medicinal product)" />
690         <equivalence value="relatedto" />
691     </target>
692     <target>
693         <code value="871826000" />
694         <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae antigens (medicinal product)" />
695         <equivalence value="relatedto" />
696     </target>
697     <target>
698         <code value="871837004" />
699         <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae and Human poliovirus antigens (medicinal
product)" />
700         <equivalence value="relatedto" />
701     </target>
702     <target>
703         <code value="871891001" />
704         <display value="Vaccine product containing only acellular
Bordetella pertussis and Clostridium tetani and Corynebacterium diphtheriae
and Hepatitis B virus and inactivated whole Human poliovirus antigens
(medicinal product)" />
705         <equivalence value="relatedto" />

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706     </target>
707     <target>
708         <code value="871729003 + 836374004 + 863911006" />
709         <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Hepatitis B virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
710         <equivalence value="relatedto" />
711     </target>
712     <target>
713         <code value="871875004" />
714         <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae antigens
(medicinal product)" />
715         <equivalence value="relatedto" />
716     </target>
717     <target>
718         <code value="871878002" />
719         <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and Human
poliovirus antigens (medicinal product)" />
720         <equivalence value="relatedto" />
721     </target>
722     <target>
723         <code value="871729003 + 836388000 + 863911006" />
724         <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Rubella virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
725         <equivalence value="relatedto" />
726     </target>
727     <target>
728         <code value="863911006+836374004+601000221108+836381006" />
729         <display value="Vaccine product containing Clostridium tetani
antigen (medicinal product) + Vaccine product containing Hepatitis B virus
antigen (medicinal product) + Vaccine product containing Bordetella
pertussis antigen (medicinal product) + Vaccine product containing
Corynebacterium diphtheriae antigen (medicinal product)" />
730         <equivalence value="relatedto" />
731     </target>
732     <target>
733         <code value="871887006" />
734         <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Human poliovirus antigens (medicinal
product)" />
735         <equivalence value="relatedto" />
736     </target>
737     <target>
738         <code value="871895005" />
739         <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Hepatitis B virus and Human poliovirus
antigens (medicinal product)" />
740         <equivalence value="relatedto" />
741     </target>
742     <target>
743         <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004" />

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744     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product)" />
745     <equivalence value="relatedto" />
746     </target>
747     <target>
748     <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004 + 871871008" />
749     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product) + Vaccine
product containing only Neisseria meningitidis serogroup A and C antigens
(medicinal product)" />
750     <equivalence value="relatedto" />
751     </target>
752     <target>
753     <code value="384706007" />
754     <display value="Product containing tetanus antitoxin (medicinal
product)" />
755     <equivalence value="relatedto" />
756     </target>
757 </element>
758 <element>
759     <code value="16814004" />
760     <display value="Pneumococcal infectious disease (disorder)" />
761     <target>
762     <code value="836398006" />
763     <display value="Vaccine product containing Streptococcus pneumoniae
antigen (medicinal product)" />
764     <equivalence value="relatedto" />
765     </target>
766     <target>
767     <code value="836398006 + 836380007" />
768     <display value="Vaccine product containing Streptococcus pneumoniae
antigen (medicinal product) + Vaccine product containing Haemophilus
influenzae type B antigen (medicinal product)" />
769     <equivalence value="relatedto" />
770     </target>
771 </element>
772 <element>
773     <code value="58750007" />
774     <display value="Plague (disorder)" />
775     <target>
776     <code value="840549009" />
777     <display value="Vaccine product containing Yersinia pestis antigen
(medicinal product)" />
778     <equivalence value="relatedto" />
779     </target>
780 </element>
781 <element>
782     <code value="27836007" />
783     <display value="Pertussis (disorder)" />
784     <target>
785     <code value="601000221108" />

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786     <display value="Vaccine product containing Bordetella pertussis
antigen (medicinal product)" />
787     <equivalence value="relatedto" />
788   </target>
789   <target>
790     <code value="836380007 + 601000221108" />
791     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Bordetella
pertussis antigen (medicinal product)" />
792     <equivalence value="relatedto" />
793   </target>
794   <target>
795     <code value="871875004" />
796     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae antigens
(medicinal product)" />
797     <equivalence value="relatedto" />
798   </target>
799   <target>
800     <code value="871878002" />
801     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and Human
poliovirus antigens (medicinal product)" />
802     <equivalence value="relatedto" />
803   </target>
804   <target>
805     <code value="863911006+836374004+601000221108+836381006" />
806     <display value="Vaccine product containing Clostridium tetani
antigen (medicinal product) + Vaccine product containing Hepatitis B virus
antigen (medicinal product) + Vaccine product containing Bordetella
pertussis antigen (medicinal product) + Vaccine product containing
Corynebacterium diphtheriae antigen (medicinal product)" />
807     <equivalence value="relatedto" />
808   </target>
809   <target>
810     <code value="871887006" />
811     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Human poliovirus antigens (medicinal
product)" />
812     <equivalence value="relatedto" />
813   </target>
814   <target>
815     <code value="871895005" />
816     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Hepatitis B virus and Human poliovirus
antigens (medicinal product)" />
817     <equivalence value="relatedto" />
818   </target>
819   <target>
820     <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004" />
821     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product)" />
822     <equivalence value="relatedto" />

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823     </target>
824     <target>
825         <code value="871891001" />
826         <display value="Vaccine product containing only acellular
Bordetella pertussis and Clostridium tetani and Corynebacterium diphtheriae
and Hepatitis B virus and inactivated whole Human poliovirus antigens
(medicinal product)" />
827         <equivalence value="relatedto" />
828     </target>
829     <target>
830         <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004 + 871871008" />
831         <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product) + Vaccine
product containing only Neisseria meningitidis serogroup A and C antigens
(medicinal product)" />
832         <equivalence value="relatedto" />
833     </target>
834 </element>
835 <element>
836     <code value="23511006" />
837     <display value="Meningococcal infectious disease (disorder)" />
838     <target>
839         <code value="836401009" />
840         <display value="Vaccine product containing Neisseria meningitidis
antigen (medicinal product)" />
841         <equivalence value="relatedto" />
842     </target>
843     <target>
844         <code value="836500008" />
845         <display value="Vaccine product containing only Haemophilus
influenzae type B and Neisseria meningitidis serogroup C antigens
(medicinal product)" />
846         <equivalence value="relatedto" />
847     </target>
848     <target>
849         <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004 + 871871008" />
850         <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product) + Vaccine
product containing only Neisseria meningitidis serogroup A and C antigens
(medicinal product)" />
851         <equivalence value="relatedto" />
852     </target>
853 </element>
854 <element>
855     <code value="709410003" />
856     <display value="Haemophilus influenzae type b infection (disorder)" /
>
857     <target>
858         <code value="836380007" />

```

```

859     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product)" />
860     <equivalence value="relatedto" />
861     </target>
862     <target>
863     <code value="836380007 + 601000221108" />
864     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Bordetella
pertussis antigen (medicinal product)" />
865     <equivalence value="relatedto" />
866     </target>
867     <target>
868     <code value="836500008" />
869     <display value="Vaccine product containing only Haemophilus
influenzae type B and Neisseria meningitidis serogroup C antigens
(medicinal product)" />
870     <equivalence value="relatedto" />
871     </target>
872     <target>
873     <code value="836398006 + 836380007" />
874     <display value="Vaccine product containing Streptococcus pneumoniae
antigen (medicinal product) + Vaccine product containing Haemophilus
influenzae type B antigen (medicinal product)" />
875     <equivalence value="relatedto" />
876     </target>
877     <target>
878     <code value="836380007 + 1031000221108" />
879     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Human
poliovirus antigen (medicinal product)" />
880     <equivalence value="relatedto" />
881     </target>
882     <target>
883     <code value="871887006" />
884     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Human poliovirus antigens (medicinal
product)" />
885     <equivalence value="relatedto" />
886     </target>
887     <target>
888     <code value="871806004" />
889     <display value="Vaccine product containing only Haemophilus
influenzae type B and Hepatitis B virus antigens (medicinal product)" />
890     <equivalence value="relatedto" />
891     </target>
892     <target>
893     <code value="871895005" />
894     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Hepatitis B virus and Human poliovirus
antigens (medicinal product)" />
895     <equivalence value="relatedto" />
896     </target>
897     <target>
898     <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004" />

```

```

899     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product)" />
900     <equivalence value="relatedto" />
901     </target>
902     <target>
903     <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004 + 871871008" />
904     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product) + Vaccine
product containing only Neisseria meningitidis serogroup A and C antigens
(medicinal product)" />
905     <equivalence value="relatedto" />
906     </target>
907 </element>
908 <element>
909     <code value="397430003" />
910     <display value="Diphtheria caused by Corynebacterium diphtheriae
(disorder)" />
911     <target>
912     <code value="836381006" />
913     <display value="Vaccine product containing Corynebacterium
diphtheriae antigen (medicinal product)" />
914     <equivalence value="relatedto" />
915     </target>
916     <target>
917     <code value="871826000" />
918     <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae antigens (medicinal product)" />
919     <equivalence value="relatedto" />
920     </target>
921     <target>
922     <code value="871837004" />
923     <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae and Human poliovirus antigens (medicinal
product)" />
924     <equivalence value="relatedto" />
925     </target>
926     <target>
927     <code value="871875004" />
928     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae antigens
(medicinal product)" />
929     <equivalence value="relatedto" />
930     </target>
931     <target>
932     <code value="871878002" />
933     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and Human
poliovirus antigens (medicinal product)" />
934     <equivalence value="relatedto" />
935     </target>
936     <target>

```



```

937     <code value="871729003 + 836388000 + 863911006" />
938     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Rubella virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
939     <equivalence value="relatedto" />
940   </target>
941   <target>
942     <code value="863911006+836374004+601000221108+836381006" />
943     <display value="Vaccine product containing Clostridium tetani
antigen (medicinal product) + Vaccine product containing Hepatitis B virus
antigen (medicinal product) + Vaccine product containing Bordetella
pertussis antigen (medicinal product) + Vaccine product containing
Corynebacterium diphtheriae antigen (medicinal product)" />
944     <equivalence value="relatedto" />
945   </target>
946   <target>
947     <code value="871887006" />
948     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Human poliovirus antigens (medicinal
product)" />
949     <equivalence value="relatedto" />
950   </target>
951   <target>
952     <code value="871729003 + 836374004 + 863911006" />
953     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Hepatitis B virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
954     <equivalence value="relatedto" />
955   </target>
956   <target>
957     <code value="871895005" />
958     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Hepatitis B virus and Human poliovirus
antigens (medicinal product)" />
959     <equivalence value="relatedto" />
960   </target>
961   <target>
962     <code value="871729003 + 836380007 + 601000221108 + 863911006 +
836374004" />
963     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product)" />
964     <equivalence value="relatedto" />
965   </target>
966   <target>
967     <code value="871891001" />
968     <display value="Vaccine product containing only acellular
Bordetella pertussis and Clostridium tetani and Corynebacterium diphtheriae
and Hepatitis B virus and inactivated whole Human poliovirus antigens
(medicinal product)" />
969     <equivalence value="relatedto" />
970   </target>
971   <target>

```

```

972     <code value="871729003 + 836380007 + 601000221108 + 863911006 +
973     836374004 + 871871008" />
974     <display value="Vaccine product containing only Corynebacterium
975     diphtheriae antigen (medicinal product) + Vaccine product containing
976     Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
977     containing Bordetella pertussis antigen (medicinal product) + Vaccine
978     product containing Clostridium tetani antigen (medicinal product) + Vaccine
979     product containing Hepatitis B virus antigen (medicinal product) + Vaccine
980     product containing only Neisseria meningitidis serogroup A and C antigens
981     (medicinal product)" />
982     <equivalence value="relatedto" />
983     </target>
984 </element>
985 <element>
986     <code value="63650001" />
987     <display value="Cholera (disorder)" />
988     <target>
989     <code value="836383009" />
990     <display value="Vaccine product containing Vibrio cholerae antigen
991     (medicinal product)" />
992     <equivalence value="relatedto" />
993     </target>
994 </element>
995 <element>
996     <code value="836383009 + 836390004" />
997     <display value="Vaccine product containing Vibrio cholerae antigen
998     (medicinal product) + Vaccine product containing Salmonella enterica
999     subspecies enterica serovar Typhi antigen (medicinal product)" />
1000     <equivalence value="relatedto" />
1001     </target>
1002 </element>
1003 <element>
1004     <code value="75702008" />
1005     <display value="Brucellosis (disorder)" />
1006     <target>
1007     <code value="7230005" />
1008     <display value="Brucella vaccine (product)" />
1009     <equivalence value="relatedto" />
1010     </target>
1011 </element>
1012 <element>
1013     <code value="409498004" />
1014     <display value="Anthrax (disorder)" />
1015     <target>
1016     <code value="836384003" />
1017     <display value="Vaccine product containing Bacillus anthracis
1018     antigen (medicinal product)" />
1019     <equivalence value="relatedto" />
1020     </target>
1021 </element>
1022 <element>
1023     <code value="39111003" />
1024     <display value="Louse-borne typhus (disorder)" />
1025     <target>
1026     <code value="37146000" />
1027     <display value="Typhus vaccine (product)" />
1028     <equivalence value="relatedto" />
1029     </target>
1030 </element>
1031 <element>
1032     <code value="28944009" />

```

```

1020     <display value="Cytomegalovirus infection (disorder)" />
1021     <target>
1022         <code value="9778000 " />
1023         <display value="Product containing Cytomegalovirus antibody
(medicinal product)" />
1024         <equivalence value="relatedto" />
1025     </target>
1026 </element>
1027 <element>
1028     <code value="55735004" />
1029     <display value=" Respiratory syncytial virus infection (disorder)" />
1030     <target>
1031         <code value="108725001" />
1032         <display value="Product containing palivizumab (medicinal
product)" />
1033         <equivalence value="relatedto" />
1034     </target>
1035 </element>
1036 <element>
1037     <code value="186431008" />
1038     <display value="Clostridioides difficile infection (disorder)" />
1039     <target>
1040         <code value="763703008" />
1041         <display value="Product containing bezlotoxumab (medicinal
product)" />
1042         <equivalence value="relatedto" />
1043     </target>
1044 </element>
1045 <element>
1046     <code value="307333004" />
1047     <display value="Rhesus isoimmunization due to anti-D (disorder)" />
1048     <target>
1049         <code value="786224004" />
1050         <display value="Product containing human anti-D immunoglobulin
(medicinal product)" />
1051         <equivalence value="relatedto" />
1052     </target>
1053 </element>
1054 <element>
1055     <code value="64572001" />
1056     <display value="Disease (disorder)" />
1057     <target>
1058         <code value="714569001" />
1059         <display value="Product containing normal immunoglobulin human
(medicinal product)" />
1060         <equivalence value="relatedto" />
1061     </target>
1062 </element>
1063 <element>
1064     <code value="40733004" />
1065     <display value="Infectious disease (disorder)" />
1066     <target>
1067         <code value="787859002" />
1068         <display value="Vaccine product (medicinal product)" />
1069         <equivalence value="relatedto" />
1070     </target>
1071 </element>
1072 </group>
1073 </ConceptMap>

```

27. KBV_CS_MIO_VACCINATION_IHEXDS_AUTHORSPECIALITY_RESTRICTED_GERMAN

KBV_CS_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted_German

```
1 <CodeSystem xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CS_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted_Ge
rman" />
5   <status value="active" />
6   <experimental value="false" />
7   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8   <contact>
9     <telecom>
10      <system value="url" />
11      <value value="http://www.kbv.de" />
12    </telecom>
13  </contact>
14  <description value="Dieses Codesystem enthält die Codes für deutsche
Bezeichner für KBV_VS_MIO_Vaccination_Practitioner_Function." />
15  <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
16   <caseSensitive value="true" />
17   <content value="complete" />
18   <concept>
19     <code value="arzaerztin" />
20     <display value="Arzt/ Ärztin" />
21   </concept>
22 </CodeSystem>
```

28. KBV_CS_MIO_VACCINATION_IMMUNIZATIONORIGINCODES_GERMAN

KBV_CS_MIO_Vaccination_ImmunizationOriginCodes_German

```

1  <CodeSystem xmlns="http://hl7.org/fhir">
2    <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_ImmunizationOriginCodes_German" />
3    <version value="1.1.0" />
4    <name value="KBV_CS_MIO_Vaccination_ImmunizationOriginCodes_German" />
5    <status value="active" />
6    <experimental value="false" />
7    <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8    <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
9    <contact>
10      <telecom>
11        <system value="url" />
12        <value value="http://www.kbv.de" />
13      </telecom>
14    </contact>
15    <description value="Dieses Codesystem enthält die Codes für deutsche
Bezeichnungen der Quelle der Information einer Impfung." />
16    <caseSensitive value="true" />
17    <content value="complete" />
18    <concept>
19      <code value="ElternPatientenErziehungsberechtigterErinnerung" />
20      <display value="Eltern/Erziehungsberechtigter/Patienten Erinnerung" />
21    </concept>
22    <concept>
23      <code value="SchriftlicheDokumentation" />
24      <display value="Schriftliche Dokumentation" />
25    </concept>
26    <concept>
27      <code value="AndererArztodersonstigerimGesundheitsberuf" />
28      <display value="Anderer Arzt oder sonstiger Gesundheitsberuf" />

```

29
30

</concept>
</CodeSystem>

29. KBV_CS_MIO_VACCINATION_LAB_IMMUNEREACTION_TEST_PRESENCE_GERMAN

KBV_CS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_German

```

1  <CodeSystem xmlns="http://hl7.org/fhir">
2    <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_German" />
3    <version value="1.1.0" />
4    <name value="KBV_CS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Germ
an" />
5    <title value="Art der Immunreaktion SCT2" />
6    <status value="active" />
7    <experimental value="false" />
8    <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9    <contact>
10     <telecom>
11       <system value="url" />
12       <value value="http://www.kbv.de" />
13     </telecom>
14   </contact>
15   <description value="Dieses Codesystem enthält die Codes für deutsche
Bezeichner für die Art der Immunreaktion SCT2." />
16   <caseSensitive value="true" />
17   <content value="complete" />
18   <concept>
19     <code value="VarizellenAntikoernachweis" />
20     <display value="Varizellen Antikörpernachweis" />
21   </concept>
22   <concept>
23     <code value="TetanusAntikoernachweis" />
24     <display value="Tetanus Antikörpernachweis" />
25   </concept>
26   <concept>
27     <code value="PolioAntikoernachweis" />
28     <display value="Polio Antikörpernachweis" />
29   </concept>
30   <concept>
31     <code value="PertussisAntikoernachweis" />
32     <display value="Pertussis Antikörpernachweis" />
33   </concept>
34   <concept>
35     <code value="MumpsAntikoernachweis" />
36     <display value="Mumps Antikörpernachweis" />
37   </concept>
38   <concept>
39     <code value="MeningokokkenAntikoernachweis" />
40     <display value="Meningokokken Antikörpernachweis" />
41   </concept>
42   <concept>
43     <code value="MasernAntikoernachweis" />
44     <display value="Masern Antikörpernachweis" />
45   </concept>
46   <concept>
47     <code value="HaemophilusinfluenzaeBAntikoernachweis" />
48     <display value="Haemophilus influenzae B Antikörpernachweis" />
49   </concept>
50   <concept>
51     <code value="HepatitisBAntikoernachweis" />

```

```
52     <display value="Hepatitis B Antikörpernachweis" />
53 </concept>
54 <concept>
55     <code value="HepatitisAAntikoernachweis" />
56     <display value="Hepatitis A Antikörpernachweis" />
57 </concept>
58 <concept>
59     <code value="DiphtherieAntikoernachweis" />
60     <display value="Diphtherie Antikörpernachweis" />
61 </concept>
62 <concept>
63     <code value="RoetelnAntikoernachweis" />
64     <display value="Röteln Antikörpernachweis" />
65 </concept>
66 <concept>
67     <code value="TollwutAntikoerperbestimmung" />
68     <display value="Tollwut Antikörperbestimmung" />
69 </concept>
70 </CodeSystem>
```


30. KBV_CS_MIO_VACCINATION_LAB_IMMUNEREACTION_TEST_PRESENCE_TUBERCULIN_GERMAN

KBV_CS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Tuberculin_German

```
1 <CodeSystem xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Tuberculin_German"
   />
3   <version value="1.1.0" />
4   <name value="KBV_CS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Tube
rculin_German" />
5   <title value="Tuberkulin-Test" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Dieses Codesystem enthält die Codes für deutsche
Bezeichner für den Tuberkulin-Test." />
16  <caseSensitive value="true" />
17  <content value="complete" />
18  <concept>
19    <code value="TuberkuloseMendelMantouxTestpositiv" />
20    <display value="Tuberkulose - Mendel-Mantoux-Test positiv" />
21  </concept>
22  <concept>
23    <code value="TuberkuloseMendelMantouxTestnegativ" />
24    <display value="Tuberkulose - Mendel-Mantoux-Test negativ" />
25  </concept>
26  <concept>
27    <code value="TuberkuloseInterferongammaassaypositiv" />
28    <display value="Tuberkulose - Interferon gamma assay positiv" />
29  </concept>
30  <concept>
31    <code value="TuberkuloseInterferongammaassaynegativ" />
32    <display value="Tuberkulose - Interferon gamma assay negativ" />
33  </concept>
34 </CodeSystem>
```

31. KBV_CS_MIO_VACCINATION_LAB_TITER_IMMUNITY_GERMAN

KBV_CS_MIO_Vaccination_Lab_Titer_Immunity_German

```
1 <CodeSystem xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Lab_Titer_Immunity_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CS_MIO_Vaccination_Lab_Titer_Immunity_German" />
5   <title value="Titer Immunität" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Dieses Codesystem enthält die Codes für deutsche
Bezeichner für die Titer Immunität." />
16  <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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PURPOSE." />
17    <caseSensitive value="true" />
18    <content value="complete" />
19    <concept>
20      <code value="Positiv" />
21      <display value="Immunität erreicht" />
22    </concept>
23    <concept>
24      <code value="Negativ" />
25      <display value="Immunität nicht erreicht" />
26    </concept>
27  </CodeSystem>
```

32. KBV_CS_MIO_VACCINATION_PRIOR_DISEASE_GERMAN

KBV_CS_MIO_Vaccination_Prior_Disease_German

```
1 <CodeSystem xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Prior_Disease_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CS_MIO_Vaccination_Prior_Disease_German" />
5   <title value="VaccinationrelevantDisease" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Dieses Codesystem enthält die Codes für deutsche
Bezeichnungen der durchgemachten Infektionskrankheiten." />
16  <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
17    <caseSensitive value="true" />
18    <content value="complete" />
19    <concept>
20      <code value="Infektionskrankheitunspezifiziert" />
21      <display value="Infektionskrankheit (unspezifiziert)" />
22    </concept>
23    <concept>
24      <code value="HepatitisB" />
25      <display value="Hepatitis B" />
26    </concept>
27    <concept>
28      <code value="HepatitisA" />
```

```

29     <display value="Hepatitis A" />
30 </concept>
31 <concept>
32     <code value="PertussisKeuchhusten" />
33     <display value="Pertussis/Keuchhusten" />
34 </concept>
35 <concept>
36     <code value="Mumps" />
37     <display value="Mumps" />
38 </concept>
39 <concept>
40     <code value="Masern" />
41     <display value="Masern" />
42 </concept>
43 <concept>
44     <code value="VarizellenWindpocken" />
45     <display value="Varizellen/Windpocken" />
46 </concept>
47 <concept>
48     <code value="Roeteln" />
49     <display value="Röteln" />
50 </concept>
51 <concept>
52     <code value="FSMEZentraleuropaeischeFruehsommerMeningoenzephalitis" />
53     <display value="FSME [Zentraleuropäische Fröhsommer-
Meningoenzephalitis]" />
54 </concept>
55 <concept>
56     <code value="Gelbfieber" />
57     <display value="Gelbfieber" />
58 </concept>
59 </CodeSystem>

```

33. KBV_CS_MIO_VACCINATION_SOURCE_OF_INFORMATION_GERMAN

KBV_CS_MIO_Vaccination_Source_of_Information_German

```
1 <CodeSystem xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Source_of_Information_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CS_MIO_Vaccination_Source_of_Information_German" />
5   <status value="active" />
6   <experimental value="false" />
7   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
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PURPOSE." />
9   <contact>
10     <telecom>
11       <system value="url" />
12       <value value="http://www.kbv.de" />
13     </telecom>
14   </contact>
15   <description value="Dieses Codesystem enthält die Codes für deutsche
Bezeichner der Quelle der Information." />
16   <caseSensitive value="true" />
17   <content value="complete" />
18   <concept>
19     <code value="Unbekannt" />
20     <display value="Unbekannt" />
21   </concept>
22   <concept>
23     <code value="SonstigePerson" />
24     <display value="Sonstige Person" />
25   </concept>
26   <concept>
27     <code value="Angehoeriger" />
28     <display value="Angehöriger" />
```

```
29     </concept>
30     <concept>
31         <code value="ArztAerztin" />
32         <display value="Arzt / Ärztin" />
33     </concept>
34     <concept>
35         <code value="Patient" />
36         <display value="Patient" />
37     </concept>
38 </CodeSystem>
```

34. KBV_CS_MIO_VACCINATION_TARGETDISEASE_GERMAN

KBV_CS_MIO_Vaccination_TargetDisease_German

```
1 <CodeSystem xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_TargetDisease_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CS_MIO_Vaccination_TargetDisease_German" />
5   <title value="TargetDisease" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Dieses Codesystem enthält die Codes für deutsche
Bezeichnungen der impfrelevanten Erkrankungen." />
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TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
17    <caseSensitive value="true" />
18    <content value="complete" />
19    <concept>
20      <code value="ErkrankungNotwendigkeitfuerImmunglobulingabe" />
21      <display value="Erkrankung - Notwendigkeit für Immunglobulingabe" />
22    </concept>
23    <concept>
24      <code value="Infektionskrankheitunspezifiziertehiernichtgelistet" />
25      <display value="Infektionskrankheit (unspezifiziert, hier nicht
gelistet)" />
26    </concept>
27  </CodeSystem>
```

35. KBV_CS_MIO_VACCINATION_TECHNICAL_ENTRY_TYPE

KBV_CS_MIO_Vaccination_Technical_Entry_Type

```
1 <CodeSystem xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Technical_Entry_Type" />
3   <version value="1.1.0" />
4   <name value="KBV_CS_MIO_Vaccination_Technical_Entry_Type" />
5   <status value="active" />
6   <experimental value="false" />
7   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8   <contact>
9     <telecom>
10      <system value="url" />
11      <value value="http://www.kbv.de" />
12    </telecom>
13  </contact>
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PURPOSE." />
15  <description value="Dieses Codesystem enthält die Codes zur technischen
Unterscheidung eines Impfeintrages." />
16  <caseSensitive value="true" />
17  <content value="complete" />
18  <concept>
19    <code value="End" />
20    <display value="Eintrag nur digital" />
21  </concept>
22  <concept>
23    <code value="Eduai" />
24    <display value="Eintrag digital und als Impfbescheinigung" />
25  </concept>
26  <concept>
27    <code value="Eduii" />
28    <display value="Eintrag digital und im Impfausweis" />
```


29
30

</concept>
</CodeSystem>

36. KBV_CS_MIO_VACCINATION_VACCINE_GERMAN

KBV_CS_MIO_Vaccination_Vaccine_German

```
1 <CodeSystem xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Vaccine_German" />
3   <version value="1.1.0" />
4   <name value="KBV_CS_MIO_Vaccination_Vaccine_German" />
5   <title value="Vaccine" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Dieses Codesystem enthält die Codes für deutsche
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TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
17    <caseSensitive value="true" />
18    <content value="complete" />
19    <concept>
20      <code value="Covid19Impfstoff" />
21      <display value="Covid-19-Impfstoff" />
22    </concept>
23    <concept>
24      <code value="PertussisgereinigtesAntigenKombinationenmitToxoidenPertuss
isTetanusDiphtherieImpfstoff" />
25      <display value="Pertussis, gereinigtes Antigen, Kombinationen mit
Toxoiden (Pertussis, Tetanus, Diphtherie-Impfstoff))" />
26    </concept>
```

```

27 <concept>
28   <code value="TyphusexanthematicusImpfstoff" />
29   <display value="Typhus (exanthematicus)-Impfstoff" />
30 </concept>
31 <concept>
32   <code value="VarizellenImpfstoff" />
33   <display value="Varizellen-Impfstoff" />
34 </concept>
35 <concept>
36   <code value="RoetelnMumpsImpfstoff" />
37   <display value="Röteln, Mumps-Impfstoff" />
38 </concept>
39 <concept>
40   <code value="DiphtherieHaemophilusinfluenzaeBPertussisTetanusHepatitisB
MeningokokkenACImpfstoff" />
41   <display value="Diphtherie, Haemophilus influenzae B, Pertussis,
Tetanus, Hepatitis B, Meningokokken A + C-Impfstoff" />
42 </concept>
43 <concept>
44   <code value="DiphtheriePertussisPoliomyelitisTetanusHepatitisBImpfstoff
" />
45   <display value="Diphtherie-Pertussis, Poliomyelitis, Tetanus, Hepatitis
B-Impfstoff" />
46 </concept>
47 <concept>
48   <code value="DiphtherieHaemophilusinfluenzaeBPertussisTetanusHepatitisB
Impfstoff" />
49   <display value="Diphtherie-Haemophilus influenzae B, Pertussis,
Tetanus, Hepatitis B-Impfstoff" />
50 </concept>
51 <concept>
52   <code value="TyphusHepatitisAImpfstoff" />
53   <display value="Typhus-Hepatitis A-Impfstoff" />
54 </concept>
55 <concept>
56   <code value="DiphtherieHaemophilusinfluenzaeBPertussisPoliomyelitisTeta
nusHepatitisBImpfstoff" />
57   <display value="Diphtherie-Haemophilus influenzae B-Pertussis,
Poliomyelitis, Tetanus, Hepatitis B-Impfstoff" />
58 </concept>
59 <concept>
60   <code value="HaemophilusinfluenzaeBHepatitisBImpfstoff" />
61   <display value="Haemophilus influenzae B, Hepatitis B-Impfstoff" />
62 </concept>
63 <concept>
64   <code value="DiphtherieHepatitisBTetanusImpfstoff" />
65   <display value="Diphtherie, Hepatitis B, Tetanus-Impfstoff" />
66 </concept>
67 <concept>
68   <code value="DiphtherieHaemophilusinfluenzaeBPertussisPoliomyelitisTeta
nusImpfstoff" />
69   <display value="Diphtherie-Haemophilus influenzae B, Pertussis,
Poliomyelitis, Tetanus-Impfstoff" />
70 </concept>
71 <concept>
72   <code value="DiphtherieHepatitisBPertussisTetanusImpfstoff" />
73   <display value="Diphtherie, Hepatitis B, Pertussis, Tetanus-
Impfstoff" />
74 </concept>
75 <concept>

```

```

76     <code value="HaemophilusinfluenzaeBPoliomyelitisImpfstoff" />
77     <display value="Haemophilus influenzae B, Poliomyelitis-Impfstoff" />
78 </concept>
79 <concept>
80     <code value="DiphtherieRoetelnTetanusImpfstoff" />
81     <display value="Diphtherie, Röteln, Tetanus-Impfstoff" />
82 </concept>
83 <concept>
84     <code value="DiphtheriePertussisPoliomyelitisTetanusImpfstoff" />
85     <display value="Diphtherie, Pertussis, Poliomyelitis, Tetanus-
Impfstoff" />
86 </concept>
87 <concept>
88     <code value="DiphtheriePoliomyelitisTetanusImpfstoff" />
89     <display value="Diphtherie, Poliomyelitis, Tetanus-Impfstoff" />
90 </concept>
91 <concept>
92     <code value="MasernMumpsRoetelnVaricellaImpfstoff" />
93     <display value="Masern, Mumps, Röteln, Varicella-Impfstoff" />
94 </concept>
95 <concept>
96     <code value="MasernRoetelnImpfstoff" />
97     <display value="Masern, Röteln-Impfstoff" />
98 </concept>
99 <concept>
100     <code value="MasernMumpsRoetelnMMRImpfstoff" />
101     <display value="Masern, Mumps, Röteln (MMR) - Impfstoff" />
102 </concept>
103 <concept>
104     <code value="MasernMumpsImpfstoff" />
105     <display value="Masern, Mumps-Impfstoff" />
106 </concept>
107 <concept>
108     <code value="HepatitisAundBImpfstoff" />
109     <display value="Hepatitis A und B-Impfstoff" />
110 </concept>
111 <concept>
112     <code value="TetanusDiphtherieImpfstoff" />
113     <display value="Tetanus, Diphtherie-Impfstoff" />
114 </concept>
115 <concept>
116     <code value="PneumokokkenHaemophilusinfluenzaeBImpfstoff" />
117     <display value="Pneumokokken, Haemophilus influenzae B-Impfstoff" />
118 </concept>
119 <concept>
120     <code value="HaemophilusinfluenzaeBMeningokokkenCImpfstoff" />
121     <display value="Haemophilus influenzae B, Meningokokken C-Impfstoff" />
122 </concept>
123 <concept>
124     <code value="HaemophilusinfluenzaeBPertussisImpfstoff" />
125     <display value="Haemophilus influenzae B, Pertussis-Impfstoff" />
126 </concept>
127 <concept>
128     <code value="CholeraTyphusImpfstoff" />
129     <display value="Cholera, Typhus-Impfstoff" />
130 </concept>
131 <concept>
132     <code value="JapanischeEnzephalitisImpfstoff" />
133     <display value="Japanische Enzephalitis-Impfstoff" />
134 </concept>

```

```
135 <concept>
136   <code value="FSMEImpfstoff" />
137   <display value="FSME-Impfstoff" />
138 </concept>
139 <concept>
140   <code value="MumpsImpfstoff" />
141   <display value="Mumps-Impfstoff" />
142 </concept>
143 <concept>
144   <code value="PolioImpfstoff" />
145   <display value="Polio-Impfstoff" />
146 </concept>
147 <concept>
148   <code value="RotaImpfstoff" />
149   <display value="Rota-Impfstoff" />
150 </concept>
151 <concept>
152   <code value="TollwutImpfstoff" />
153   <display value="Tollwut-Impfstoff" />
154 </concept>
155 <concept>
156   <code value="HerpesZosterTotimpfstoff" />
157   <display value="Herpes Zoster-Totimpfstoff" />
158 </concept>
159 <concept>
160   <code value="Pockenimpfstoff" />
161   <display value="Pockenimpfstoff" />
162 </concept>
163 <concept>
164   <code value="HPVImpfstoff" />
165   <display value="HPV Impfstoff" />
166 </concept>
167 <concept>
168   <code value="Gelbfieberimpfstoff" />
169   <display value="Gelbfieberimpfstoff" />
170 </concept>
171 <concept>
172   <code value="Roetelnimpfstoff" />
173   <display value="Rötelnimpfstoff" />
174 </concept>
175 <concept>
176   <code value="Masernimpfstoff" />
177   <display value="Masernimpfstoff" />
178 </concept>
179 <concept>
180   <code value="HepatitisAImpfstoff" />
181   <display value="Hepatitis A Impfstoff" />
182 </concept>
183 <concept>
184   <code value="HepatitisBImpfstoff" />
185   <display value="Hepatitis B Impfstoff" />
186 </concept>
187 <concept>
188   <code value="Influenzaimpfstoff" />
189   <display value="Influenzaimpfstoff" />
190 </concept>
191 <concept>
192   <code value="Typhusimpfstoff" />
193   <display value="Typhusimpfstoff" />
194 </concept>
```

```

195 <concept>
196   <code value="Tuberkuloseimpfstoff" />
197   <display value="Tuberkuloseimpfstoff" />
198 </concept>
199 <concept>
200   <code value="Tetanusimpfstoff" />
201   <display value="Tetanusimpfstoff" />
202 </concept>
203 <concept>
204   <code value="Pneumokokkenimpfstoff" />
205   <display value="Pneumokokkenimpfstoff" />
206 </concept>
207 <concept>
208   <code value="Pestimpfstoff" />
209   <display value="Pestimpfstoff" />
210 </concept>
211 <concept>
212   <code value="Pertussisimpfstoff" />
213   <display value="Pertussisimpfstoff" />
214 </concept>
215 <concept>
216   <code value="Meningokokkenimpfstoff" />
217   <display value="Meningokokkenimpfstoff" />
218 </concept>
219 <concept>
220   <code value="HaemophilusinfluenzaeBImpfstoff" />
221   <display value="Haemophilus influenzae B Impfstoff" />
222 </concept>
223 <concept>
224   <code value="Diphtherieimpfstoff" />
225   <display value="Diphtherieimpfstoff" />
226 </concept>
227 <concept>
228   <code value="Choleraimpfstoff" />
229   <display value="Choleraimpfstoff" />
230 </concept>
231 <concept>
232   <code value="Milzbrandimpfstoff" />
233   <display value="Milzbrandimpfstoff" />
234 </concept>
235 <concept>
236   <code value="Immunglobulinormalhuman" />
237   <display value="Immunglobuline, normal human" />
238 </concept>
239 <concept>
240   <code value="AntiDrhImmunglobulin" />
241   <display value="Anti-D(rh)-Immunglobulin" />
242 </concept>
243 <concept>
244   <code value="TetanusImmunglobulin" />
245   <display value="Tetanus-Immunglobulin" />
246 </concept>
247 <concept>
248   <code value="VaricellaZosterImmunglobulin" />
249   <display value="Varicella/Zoster-Immunglobulin" />
250 </concept>
251 <concept>
252   <code value="HepatitisBImmunglobulin" />
253   <display value="Hepatitis-B-Immunglobulin" />
254 </concept>

```

```
255 <concept>
256   <code value="TollwutImmunglobulin" />
257   <display value="Tollwut-Immunglobulin" />
258 </concept>
259 <concept>
260   <code value="CytomegalievirusImmunglobulin" />
261   <display value="Cytomegalievirus-Immunglobulin" />
262 </concept>
263 <concept>
264   <code value="Palivizumab" />
265   <display value="Palivizumab" />
266 </concept>
267 <concept>
268   <code value="Bezlotoxumab" />
269   <display value="Bezlotoxumab" />
270 </concept>
271 <concept>
272   <code value="Brucelloseimpfstoff" />
273   <display value="Brucelloseimpfstoff" />
274 </concept>
275 <concept>
276   <code value="HerpesZosterLebendimpfstoff" />
277   <display value="Herpes Zoster-Lebendimpfstoff" />
278 </concept>
279 <concept>
280   <code value="SonstigerImpfstoffhiernichtgelistet" />
281   <display value="Sonstiger Impfstoff (hier nicht gelistet)" />
282 </concept>
283 </CodeSystem>
```

37. KBV_EX_MIO_VACCINATION_AGE_GROUPS

KBV_EX_MIO_Vaccination_Age_Groups

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Age_Groups" />
3   <version value="1.1.0" />
4   <name value="KBV_EX_MIO_Vaccination_Age_Groups" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="rim" />
11    <uri value="http://hl7.org/v3" />
12    <name value="RIM Mapping" />
13  </mapping>
14  <kind value="complex-type" />
15  <abstract value="false" />
16  <context>
17    <type value="element" />
18    <expression value="Condition.onset" />
19  </context>
20  <type value="Extension" />
21  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Extension" />
22  <derivation value="constraint" />
23  <differential>
24    <element id="Extension">
25      <path value="Extension" />
26      <short value="Lebensphase" />
27      <definition value="In diesem Profil werden verschiedene Alterklassen/
Lebensphasen von Personen beschrieben, die zu einem anderen Profil
hinzugefügt werden können." />
28    </element>
29    <element id="Extension.url">
30      <path value="Extension.url" />
31      <fixedUri value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Age_Groups" />
32    </element>
33    <element id="Extension.value[x]">
34      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
35        <valueCode value="normative" />
36      </extension>
37      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
38        <valueCode value="4.0.0" />
39      </extension>
40      <path value="Extension.value[x]" />
41    </element>
42    <discriminator>
43      <type value="type" />
44      <path value="$this" />
45    </discriminator>
46    <rules value="closed" />
```



```

47     </slicing>
48     <min value="1" />
49     <type>
50       <code value="CodeableConcept" />
51     </type>
52   </element>
53   <element id="Extension.value[x]:valueCodeableConcept">
54     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
55       <valueCode value="normative" />
56     </extension>
57     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
58       <valueCode value="4.0.0" />
59     </extension>
60     <path value="Extension.value[x]" />
61     <sliceName value="valueCodeableConcept" />
62     <min value="1" />
63     <type>
64       <code value="CodeableConcept" />
65     </type>
66     <binding>
67       <strength value="required" />
68       <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_Base_Stage_Life|1.1.1" />
69     </binding>
70   </element>
71   <element id="Extension.value[x]:valueCodeableConcept.coding">
72     <path value="Extension.value[x].coding" />
73     <min value="1" />
74     <max value="1" />
75   </element>
76   <element id="Extension.value[x]:valueCodeableConcept.coding.system">
77     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
78       <valueCode value="normative" />
79     </extension>
80     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
81       <valueCode value="4.0.0" />
82     </extension>
83     <path value="Extension.value[x].coding.system" />
84     <min value="1" />
85   </element>
86   <element id="Extension.value[x]:valueCodeableConcept.coding.version">
87     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
88       <valueCode value="normative" />
89     </extension>
90     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
91       <valueCode value="4.0.0" />
92     </extension>
93     <path value="Extension.value[x].coding.version" />
94     <min value="1" />
95   </element>
96   <element id="Extension.value[x]:valueCodeableConcept.coding.code">
97     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
98       <valueCode value="normative" />

```

```

99     </extension>
100     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
101         <valueCode value="4.0.0" />
102     </extension>
103     <path value="Extension.value[x].coding.code" />
104     <min value="1" />
105 </element>
106 <element id="Extension.value[x]:valueCodeableConcept.coding.display">
107     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
108         <valueCode value="normative" />
109     </extension>
110     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
111         <valueCode value="4.0.0" />
112     </extension>
113     <path value="Extension.value[x].coding.display" />
114     <min value="1" />
115 </element>
116 <element id="Extension.value[x]:valueCodeableConcept.coding.display.ext
ension">
117     <path value="Extension.value[x].coding.display.extension" />
118     <licing>
119         <discriminator>
120             <type value="value" />
121             <path value="url" />
122         </discriminator>
123         <rules value="open" />
124     </licing>
125 </element>
126 <element id="Extension.value[x]:valueCodeableConcept.coding.display.ext
ension:anzeigenameCodeSnomed">
127     <path value="Extension.value[x].coding.display.extension" />
128     <sliceName value="anzeigenameCodeSnomed" />
129     <type>
130         <code value="Extension" />
131         <profile value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_Base_Terminology_German" />
132     </type>
133 </element>
134 <element id="Extension.value[x]:valueCodeableConcept.coding.display.ext
ension:anzeigenameCodeSnomed.extension">
135     <path value="Extension.value[x].coding.display.extension.extension" /
>
136     <licing>
137         <discriminator>
138             <type value="value" />
139             <path value="url" />
140         </discriminator>
141         <rules value="open" />
142     </licing>
143 </element>
144 <element id="Extension.value[x]:valueCodeableConcept.coding.display.ext
ension:anzeigenameCodeSnomed.extension:content">
145     <path value="Extension.value[x].coding.display.extension.extension" /
>
146     <sliceName value="content" />
147 </element>

```

```

148     <element id="Extension.value[x]:valueCodeableConcept.coding.display.extension:anzeigenameCodeSnomed.extension:content.value[x]:valueString">
149       <path value="Extension.value[x].coding.display.extension.extension.value[x]" />
150       <sliceName value="valueString" />
151       <short value="Deutsche Bezeichnung" />
152       <definition value="In diesem Attribut sollen die entsprechende deutsche Bezeichnung des Snomed-Codes aus der Conceptmap eingetragen werden, also in diesem Fall den Displaynamen des Targetsystems aus https://fhir.kbv.de/ConceptMap/KBV_CM_Base_Stage_Life_German" />
153     </element>
154     <element id="Extension.value[x]:valueCodeableConcept.coding.userSelected">
155       <extension url="http://hl7.org/fhir/StructureDefinition/structureddefinition-standards-status">
156         <valueCode value="normative" />
157       </extension>
158       <extension url="http://hl7.org/fhir/StructureDefinition/structureddefinition-normative-version">
159         <valueCode value="4.0.0" />
160       </extension>
161       <path value="Extension.value[x].coding.userSelected" />
162       <max value="0" />
163     </element>
164     <element id="Extension.value[x]:valueCodeableConcept.text">
165       <extension url="http://hl7.org/fhir/StructureDefinition/structureddefinition-standards-status">
166         <valueCode value="normative" />
167       </extension>
168       <extension url="http://hl7.org/fhir/StructureDefinition/structureddefinition-normative-version">
169         <valueCode value="4.0.0" />
170       </extension>
171       <path value="Extension.value[x].text" />
172       <max value="0" />
173     </element>
174   </differential>
175 </StructureDefinition>

```

38. KBV_EX_MIO_VACCINATION_ATTTESTER

KBV_EX_MIO_Vaccination_Attester

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Attester" />
3   <version value="1.1.0" />
4   <name value="KBV_EX_MIO_Vaccination_Attester" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="rim" />
11    <uri value="http://hl7.org/v3" />
12    <name value="RIM Mapping" />
13  </mapping>
14  <kind value="complex-type" />
15  <abstract value="false" />
16  <context>
17    <type value="element" />
18    <expression value="Immunization" />
19  </context>
20  <type value="Extension" />
21  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Extension" />
22  <derivation value="constraint" />
23  <differential>
24    <element id="Extension">
25      <path value="Extension" />
26      <short value="Attester" />
27      <definition value="In diesem Profil soll die Möglichkeit geschaffen
werden, eine attestierende (Verantwortliche Person) an eine Ressource
(Immunization) anzuhängen." />
28    </element>
29    <element id="Extension.extension">
30      <path value="Extension.extension" />
31      <slicing>
32        <discriminator>
33          <type value="value" />
34          <path value="url" />
35        </discriminator>
36        <rules value="open" />
37      </slicing>
38    </element>
39    <element id="Extension.extension:mode">
40      <path value="Extension.extension" />
41      <sliceName value="mode" />
42      <min value="1" />
43      <max value="1" />
44    </element>
45    <element id="Extension.extension:mode.url">
46      <path value="Extension.extension.url" />
47      <fixedUri value="mode" />
48    </element>
49    <element id="Extension.extension:mode.value[x]">
```

```

50     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
51         <valueCode value="normative" />
52     </extension>
53     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
54         <valueCode value="4.0.0" />
55     </extension>
56     <path value="Extension.extension.value[x]" />
57     <slicing>
58         <discriminator>
59             <type value="type" />
60             <path value="$this" />
61         </discriminator>
62         <rules value="open" />
63     </slicing>
64     <min value="1" />
65     <type>
66         <code value="CodeableConcept" />
67     </type>
68 </element>
69 <element id="Extension.extension:mode.value[x]:valueCodeableConcept">
70     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
71         <valueCode value="normative" />
72     </extension>
73     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
74         <valueCode value="4.0.0" />
75     </extension>
76     <path value="Extension.extension.value[x]" />
77     <sliceName value="valueCodeableConcept" />
78     <type>
79         <code value="CodeableConcept" />
80     </type>
81 </element>
82 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing">
83     <path value="Extension.extension.value[x].coding" />
84     <min value="1" />
85     <max value="1" />
86 </element>
87 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing.system">
88     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
89         <valueCode value="normative" />
90     </extension>
91     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
92         <valueCode value="4.0.0" />
93     </extension>
94     <path value="Extension.extension.value[x].coding.system" />
95     <min value="1" />
96     <fixedUri value="http://hl7.org/fhir/composition-attestation-mode" />
97 </element>
98 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing.code">
99     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">

```

```

100     <valueCode value="normative" />
101   </extension>
102   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
103     <valueCode value="4.0.0" />
104   </extension>
105   <path value="Extension.extension.value[x].coding.code" />
106   <min value="1" />
107   <fixedCode value="legal" />
108 </element>
109   <element id="Extension.extension:mode.value[x]:valueCodeableConcept.coding.userSelected">
110     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
111       <valueCode value="normative" />
112     </extension>
113     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
114       <valueCode value="4.0.0" />
115     </extension>
116     <path value="Extension.extension.value[x].coding.userSelected" />
117     <max value="0" />
118   </element>
119   <element id="Extension.extension:mode.value[x]:valueCodeableConcept.text">
120     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
121       <valueCode value="normative" />
122     </extension>
123     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
124       <valueCode value="4.0.0" />
125     </extension>
126     <path value="Extension.extension.value[x].text" />
127     <max value="0" />
128   </element>
129   <element id="Extension.extension:party">
130     <path value="Extension.extension" />
131     <sliceName value="party" />
132     <min value="1" />
133     <max value="1" />
134   </element>
135   <element id="Extension.extension:party.url">
136     <path value="Extension.extension.url" />
137     <fixedUri value="party" />
138   </element>
139   <element id="Extension.extension:party.value[x]">
140     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
141       <valueCode value="normative" />
142     </extension>
143     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
144       <valueCode value="4.0.0" />
145     </extension>
146     <path value="Extension.extension.value[x]" />
147     <slicing>
148       <discriminator>
149         <type value="type" />
150         <path value="$this" />

```

```

151     </discriminator>
152     <rules value="open" />
153 </slicing>
154 <min value="1" />
155 <type>
156     <code value="Reference" />
157 </type>
158 </element>
159 <element id="Extension.extension:party.value[x]:valueReference">
160     <path value="Extension.extension.value[x]" />
161     <sliceName value="valueReference" />
162     <min value="1" />
163     <type>
164         <code value="Reference" />
165         <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole|1.1.0" />
166     </type>
167 </element>
168 <element id="Extension.extension:party.value[x]:valueReference.reference
e">
169     <path value="Extension.extension.value[x].reference" />
170     <min value="1" />
171 </element>
172 <element id="Extension.extension:party.value[x]:valueReference.type">
173     <path value="Extension.extension.value[x].type" />
174     <max value="0" />
175 </element>
176 <element id="Extension.extension:party.value[x]:valueReference.identifi
er">
177     <path value="Extension.extension.value[x].identifier" />
178     <max value="0" />
179 </element>
180 <element id="Extension.extension:party.value[x]:valueReference.display">
181     <path value="Extension.extension.value[x].display" />
182     <max value="0" />
183 </element>
184 <element id="Extension.url">
185     <path value="Extension.url" />
186     <fixedUri value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Attester" />
187 </element>
188 <element id="Extension.value[x]">
189     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
190         <valueCode value="normative" />
191     </extension>
192     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
193         <valueCode value="4.0.0" />
194     </extension>
195     <path value="Extension.value[x]" />
196     <max value="0" />
197 </element>
198 </differential>
199 </StructureDefinition>

```

39. KBV_EX_MIO_VACCINATION_ATTESTER_ADDENDUM

KBV_EX_MIO_Vaccination_Attester_Addendum

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Attester_Addendum" />
3   <version value="1.1.0" />
4   <name value="KBV_EX_MIO_Vaccination_Attester_Addendum" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="rim" />
11    <uri value="http://hl7.org/v3" />
12    <name value="RIM Mapping" />
13  </mapping>
14  <kind value="complex-type" />
15  <abstract value="false" />
16  <context>
17    <type value="element" />
18    <expression value="Immunization" />
19  </context>
20  <type value="Extension" />
21  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Extension" />
22  <derivation value="constraint" />
23  <differential>
24    <element id="Extension">
25      <path value="Extension" />
26      <short value="Attester" />
27      <definition value="In diesem Profil soll im Rahmen des Szenario Daten
Nachtragen die Möglichkeit geschaffen werden, eine attestierende
(Verantwortliche Person) an eine Ressource (Immunization) anzuhängen." />
28    </element>
29    <element id="Extension.extension">
30      <path value="Extension.extension" />
31      <slicing>
32        <discriminator>
33          <type value="value" />
34          <path value="url" />
35        </discriminator>
36        <rules value="open" />
37      </slicing>
38    </element>
39    <element id="Extension.extension:mode">
40      <path value="Extension.extension" />
41      <sliceName value="mode" />
42      <min value="1" />
43      <max value="1" />
44    </element>
45    <element id="Extension.extension:mode.url">
46      <path value="Extension.extension.url" />
47      <fixedUri value="mode" />
48    </element>
49    <element id="Extension.extension:mode.value[x]">
```



```

50     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
51         <valueCode value="normative" />
52     </extension>
53     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
54         <valueCode value="4.0.0" />
55     </extension>
56     <path value="Extension.extension.value[x]" />
57     <slicing>
58         <discriminator>
59             <type value="type" />
60             <path value="$this" />
61         </discriminator>
62         <rules value="open" />
63     </slicing>
64     <min value="1" />
65     <type>
66         <code value="CodeableConcept" />
67     </type>
68 </element>
69 <element id="Extension.extension:mode.value[x]:valueCodeableConcept">
70     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
71         <valueCode value="normative" />
72     </extension>
73     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
74         <valueCode value="4.0.0" />
75     </extension>
76     <path value="Extension.extension.value[x]" />
77     <sliceName value="valueCodeableConcept" />
78     <type>
79         <code value="CodeableConcept" />
80     </type>
81 </element>
82 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing">
83     <path value="Extension.extension.value[x].coding" />
84     <min value="1" />
85     <max value="1" />
86 </element>
87 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing.system">
88     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
89         <valueCode value="normative" />
90     </extension>
91     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
92         <valueCode value="4.0.0" />
93     </extension>
94     <path value="Extension.extension.value[x].coding.system" />
95     <min value="1" />
96     <fixedUri value="http://hl7.org/fhir/composition-attestation-mode" />
97 </element>
98 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing.code">
99     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">

```

```

100     <valueCode value="normative" />
101   </extension>
102   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
103     <valueCode value="4.0.0" />
104   </extension>
105   <path value="Extension.extension.value[x].coding.code" />
106   <min value="1" />
107   <fixedCode value="legal" />
108 </element>
109 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.coding.userSelected">
110   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
111     <valueCode value="normative" />
112   </extension>
113   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
114     <valueCode value="4.0.0" />
115   </extension>
116   <path value="Extension.extension.value[x].coding.userSelected" />
117   <max value="0" />
118 </element>
119 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.text">
120   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
121     <valueCode value="normative" />
122   </extension>
123   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
124     <valueCode value="4.0.0" />
125   </extension>
126   <path value="Extension.extension.value[x].text" />
127   <max value="0" />
128 </element>
129 <element id="Extension.extension:party">
130   <path value="Extension.extension" />
131   <sliceName value="party" />
132   <min value="1" />
133   <max value="1" />
134 </element>
135 <element id="Extension.extension:party.url">
136   <path value="Extension.extension.url" />
137   <fixedUri value="party" />
138 </element>
139 <element id="Extension.extension:party.value[x]">
140   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
141     <valueCode value="normative" />
142   </extension>
143   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
144     <valueCode value="4.0.0" />
145   </extension>
146   <path value="Extension.extension.value[x]" />
147   <slicing>
148     <discriminator>
149       <type value="type" />
150       <path value="$this" />

```

```

151     </discriminator>
152     <rules value="open" />
153 </slicing>
154 <min value="1" />
155 <type>
156     <code value="Reference" />
157     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole" />
158     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole_Addendum" />
159 </type>
160 </element>
161 <element id="Extension.extension:party.value[x]:valueReference">
162     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
163         <valueCode value="normative" />
164     </extension>
165     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
166         <valueCode value="4.0.0" />
167     </extension>
168     <path value="Extension.extension.value[x]" />
169     <sliceName value="valueReference" />
170     <min value="1" />
171     <type>
172         <code value="Reference" />
173         <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole_Addendum" />
174     </type>
175 </element>
176 <element id="Extension.extension:party.value[x]:valueReference.referenc
e">
177     <path value="Extension.extension.value[x].reference" />
178     <min value="1" />
179 </element>
180 <element id="Extension.extension:party.value[x]:valueReference.type">
181     <path value="Extension.extension.value[x].type" />
182     <max value="0" />
183 </element>
184 <element id="Extension.extension:party.value[x]:valueReference.identifi
er">
185     <path value="Extension.extension.value[x].identifier" />
186     <max value="0" />
187 </element>
188 <element id="Extension.extension:party.value[x]:valueReference.display">
189     <path value="Extension.extension.value[x].display" />
190     <max value="0" />
191 </element>
192 <element id="Extension.url">
193     <path value="Extension.url" />
194     <fixedUri value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Attester_Addendum" />
195 </element>
196 <element id="Extension.value[x]">
197     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
198         <valueCode value="normative" />
199     </extension>
200     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">

```

```
201     <valueCode value="4.0.0" />
202   </extension>
203   <path value="Extension.value[x]" />
204   <max value="0" />
205 </element>
206 </differential>
207 </StructureDefinition>
```

40. KBV_EX_MIO_VACCINATION_ENTERER

KBV_EX_MIO_Vaccination_Enterer

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Enterer" />
3   <version value="1.1.0" />
4   <name value="KBV_EX_MIO_Vaccination_Enterer" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="rim" />
11    <uri value="http://hl7.org/v3" />
12    <name value="RIM Mapping" />
13  </mapping>
14  <kind value="complex-type" />
15  <abstract value="false" />
16  <context>
17    <type value="element" />
18    <expression value="Immunization" />
19  </context>
20  <type value="Extension" />
21  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Extension" />
22  <derivation value="constraint" />
23  <differential>
24    <element id="Extension">
25      <path value="Extension" />
26      <short value="Attester" />
27      <definition value="In diesem Profil soll die Möglichkeit geschaffen
werden, eine eintragende Person an eine Ressource (Immunization)
anzuhängen." />
28    </element>
29    <element id="Extension.extension">
30      <path value="Extension.extension" />
31      <slicing>
32        <discriminator>
33          <type value="value" />
34          <path value="url" />
35        </discriminator>
36        <rules value="open" />
37      </slicing>
38    </element>
39    <element id="Extension.extension:mode">
40      <path value="Extension.extension" />
41      <sliceName value="mode" />
42      <min value="1" />
43      <max value="1" />
44    </element>
45    <element id="Extension.extension:mode.url">
46      <path value="Extension.extension.url" />
47      <fixedUri value="mode" />
48    </element>
49    <element id="Extension.extension:mode.value[x]">
```

```

50     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
51         <valueCode value="normative" />
52     </extension>
53     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
54         <valueCode value="4.0.0" />
55     </extension>
56     <path value="Extension.extension.value[x]" />
57     <slicing>
58         <discriminator>
59             <type value="type" />
60             <path value="$this" />
61         </discriminator>
62         <rules value="open" />
63     </slicing>
64     <min value="1" />
65     <type>
66         <code value="CodeableConcept" />
67     </type>
68 </element>
69 <element id="Extension.extension:mode.value[x]:valueCodeableConcept">
70     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
71         <valueCode value="normative" />
72     </extension>
73     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
74         <valueCode value="4.0.0" />
75     </extension>
76     <path value="Extension.extension.value[x]" />
77     <sliceName value="valueCodeableConcept" />
78     <type>
79         <code value="CodeableConcept" />
80     </type>
81 </element>
82 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing">
83     <path value="Extension.extension.value[x].coding" />
84     <min value="1" />
85     <max value="1" />
86 </element>
87 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing.system">
88     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
89         <valueCode value="normative" />
90     </extension>
91     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
92         <valueCode value="4.0.0" />
93     </extension>
94     <path value="Extension.extension.value[x].coding.system" />
95     <min value="1" />
96     <fixedUri value="http://terminology.hl7.org/CodeSystem/v3-
ParticipationType" />
97 </element>
98 <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing.code">

```

```

99     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
100       <valueCode value="normative" />
101     </extension>
102     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
103       <valueCode value="4.0.0" />
104     </extension>
105     <path value="Extension.extension.value[x].coding.code" />
106     <min value="1" />
107     <fixedCode value="ENT" />
108   </element>
109   <element id="Extension.extension:mode.value[x]:valueCodeableConcept.cod
ing.userSelected">
110     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
111       <valueCode value="normative" />
112     </extension>
113     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
114       <valueCode value="4.0.0" />
115     </extension>
116     <path value="Extension.extension.value[x].coding.userSelected" />
117     <max value="0" />
118   </element>
119   <element id="Extension.extension:mode.value[x]:valueCodeableConcept.tex
t">
120     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
121       <valueCode value="normative" />
122     </extension>
123     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
124       <valueCode value="4.0.0" />
125     </extension>
126     <path value="Extension.extension.value[x].text" />
127     <max value="0" />
128   </element>
129   <element id="Extension.extension:party">
130     <path value="Extension.extension" />
131     <sliceName value="party" />
132     <min value="1" />
133     <max value="1" />
134   </element>
135   <element id="Extension.extension:party.url">
136     <path value="Extension.extension.url" />
137     <fixedUri value="party" />
138   </element>
139   <element id="Extension.extension:party.value[x]">
140     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
141       <valueCode value="normative" />
142     </extension>
143     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
144       <valueCode value="4.0.0" />
145     </extension>
146     <path value="Extension.extension.value[x]" />
147     <slicing>
148       <discriminator>

```

```

149     <type value="type" />
150     <path value="$this" />
151   </discriminator>
152   <rules value="open" />
153 </slicing>
154 <min value="1" />
155 <type>
156   <code value="Reference" />
157   <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole" />
158   <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole_Addendum" />
159 </type>
160 </element>
161 <element id="Extension.extension:party.value[x]:valueReference">
162   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
163     <valueCode value="normative" />
164   </extension>
165   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
166     <valueCode value="4.0.0" />
167   </extension>
168   <path value="Extension.extension.value[x]" />
169   <sliceName value="valueReference" />
170   <min value="1" />
171   <type>
172     <code value="Reference" />
173     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_Vaccination_Practitionerrole" />
174   </type>
175 </element>
176 <element id="Extension.extension:party.value[x]:valueReference.referenc
e">
177   <path value="Extension.extension.value[x].reference" />
178   <min value="1" />
179 </element>
180 <element id="Extension.extension:party.value[x]:valueReference.type">
181   <path value="Extension.extension.value[x].type" />
182   <max value="0" />
183 </element>
184 <element id="Extension.extension:party.value[x]:valueReference.identifi
er">
185   <path value="Extension.extension.value[x].identifier" />
186   <max value="0" />
187 </element>
188 <element id="Extension.extension:party.value[x]:valueReference.display">
189   <path value="Extension.extension.value[x].display" />
190   <max value="0" />
191 </element>
192 <element id="Extension.url">
193   <path value="Extension.url" />
194   <fixedUri value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Enterer" />
195 </element>
196 <element id="Extension.value[x]">
197   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
198     <valueCode value="normative" />
199   </extension>

```



```
200     <extension url="http://hl7.org/fhir/StructureDefinition/  
structuredefinition-normative-version">  
201         <valueCode value="4.0.0" />  
202     </extension>  
203     <path value="Extension.value[x]" />  
204     <max value="0" />  
205 </element>  
206 </differential>  
207 </StructureDefinition>
```

41. KBV_EX_MIO_VACCINATION_ENTRY_TYPE

KBV_EX_MIO_Vaccination_Entry_Type

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Entry_Type" />
3   <version value="1.1.0" />
4   <name value="KBV_EX_MIO_Vaccination_Entry_Type" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="rim" />
11    <uri value="http://hl7.org/v3" />
12    <name value="RIM Mapping" />
13  </mapping>
14  <kind value="complex-type" />
15  <abstract value="false" />
16  <context>
17    <type value="element" />
18    <expression value="Immunization" />
19  </context>
20  <type value="Extension" />
21  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Extension" />
22  <derivation value="constraint" />
23  <differential>
24    <element id="Extension">
25      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
26        <valueCode value="normative" />
27      </extension>
28      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
29        <valueCode value="4.0.0" />
30      </extension>
31      <path value="Extension" />
32      <short value="In dieser Extension wird der Typ des Eintrages
definiert" />
33      <definition value="In diesem Profil soll der Typ des Impfeintrages in
der Abstufung von nur digital bis digital und als Impfausweis definiert
werden. \n\nEintrag nur digital \nEintrag digital und als Impfbescheinigung
\nEintrag digital und im Impfausweis" />
34    </element>
35    <element id="Extension.url">
36      <path value="Extension.url" />
37      <fixedUri value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Entry_Type" />
38    </element>
39    <element id="Extension.value[x]">
40      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
41        <valueCode value="normative" />
42      </extension>
```

```

43     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
44         <valueCode value="4.0.0" />
45     </extension>
46     <path value="Extension.value[x]" />
47     <licing>
48         <discriminator>
49             <type value="type" />
50             <path value="$this" />
51         </discriminator>
52         <rules value="open" />
53     </licing>
54     <min value="1" />
55 </element>
56 <element id="Extension.value[x]:valueCodeableConcept">
57     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
58         <valueCode value="normative" />
59     </extension>
60     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
61         <valueCode value="4.0.0" />
62     </extension>
63     <path value="Extension.valueCodeableConcept" />
64     <sliceName value="valueCodeableConcept" />
65     <min value="1" />
66     <type>
67         <code value="CodeableConcept" />
68     </type>
69     <binding>
70         <strength value="required" />
71         <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Entry_Type" />
72     </binding>
73 </element>
74 <element id="Extension.value[x]:valueCodeableConcept.coding">
75     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
76         <valueCode value="normative" />
77     </extension>
78     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
79         <valueCode value="4.0.0" />
80     </extension>
81     <path value="Extension.valueCodeableConcept.coding" />
82     <min value="1" />
83     <max value="1" />
84 </element>
85 <element id="Extension.value[x]:valueCodeableConcept.coding.system">
86     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
87         <valueCode value="normative" />
88     </extension>
89     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
90         <valueCode value="4.0.0" />
91     </extension>
92     <path value="Extension.valueCodeableConcept.coding.system" />
93     <min value="1" />
94 </element>

```

```

95     <element id="Extension.value[x]:valueCodeableConcept.coding.code">
96       <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
97         <valueCode value="normative" />
98       </extension>
99       <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
100         <valueCode value="4.0.0" />
101       </extension>
102       <path value="Extension.valueCodeableConcept.coding.code" />
103       <min value="1" />
104     </element>
105     <element id="Extension.value[x]:valueCodeableConcept.coding.display">
106       <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
107         <valueCode value="normative" />
108       </extension>
109       <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
110         <valueCode value="4.0.0" />
111       </extension>
112       <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
113         <valueBoolean value="true" />
114       </extension>
115       <path value="Extension.valueCodeableConcept.coding.display" />
116       <min value="1" />
117     </element>
118     <element id="Extension.value[x]:valueCodeableConcept.text">
119       <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
120         <valueCode value="normative" />
121       </extension>
122       <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
123         <valueCode value="4.0.0" />
124       </extension>
125       <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
126         <valueBoolean value="true" />
127       </extension>
128       <path value="Extension.valueCodeableConcept.text" />
129       <max value="0" />
130     </element>
131   </differential>
132 </StructureDefinition>

```

42. KBV_EX_MIO_VACCINATION_FOLLOW_UP

KBV_EX_MIO_Vaccination_Follow_Up

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Follow_Up" />
3   <version value="1.1.0" />
4   <name value="KBV_EX_MIO_Vaccination_Follow_Up" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="rim" />
11    <uri value="http://hl7.org/v3" />
12    <name value="RIM Mapping" />
13  </mapping>
14  <kind value="complex-type" />
15  <abstract value="false" />
16  <context>
17    <type value="element" />
18    <expression value="Immunization.protocolApplied" />
19  </context>
20  <type value="Extension" />
21  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Extension" />
22  <derivation value="constraint" />
23  <differential>
24    <element id="Extension">
25      <path value="Extension" />
26      <short value="Folgetermin" />
27      <definition value="In diesem Profil kann ein Datum zur Angabe eines
Folgetermins einer Impfung dokumentiert werden (z.B. bei einer Impfserie).
Im Falle von folgenden Impfserien, können auch mehrere Daten angegeben
werden." />
28    </element>
29    <element id="Extension.url">
30      <path value="Extension.url" />
31      <fixedUri value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Follow_Up" />
32    </element>
33    <element id="Extension.value[x]">
34      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
35        <valueCode value="normative" />
36      </extension>
37      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
38        <valueCode value="4.0.0" />
39      </extension>
40      <path value="Extension.value[x]" />
41    < slicing>
42      <discriminator>
43        <type value="type" />
44        <path value="$this" />
45      </discriminator>
```

```
46     <rules value="open" />
47   </slicing>
48   <min value="1" />
49   <type>
50     <code value="dateTime" />
51   </type>
52 </element>
53 <element id="Extension.value[x]:valueDateTime">
54   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
55     <valueCode value="normative" />
56   </extension>
57   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
58     <valueCode value="4.0.0" />
59   </extension>
60   <path value="Extension.value[x]" />
61   <sliceName value="valueDateTime" />
62   <min value="1" />
63   <type>
64     <code value="dateTime" />
65   </type>
66 </element>
67 </differential>
68 </StructureDefinition>
```

43. KBV_EX_MIO_VACCINATION_BASIC_IMMUNIZATION

KBV_EX_MIO_Vaccination_Basic_Immunization

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Basic_Immunization" />
3   <version value="1.1.0" />
4   <name value="KBV_EX_MIO_Vaccination_Basic_Immunization" />
5   <status value="active" />
6   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
7   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
8   <fhirVersion value="4.0.1" />
9   <mapping>
10    <identity value="rim" />
11    <uri value="http://hl7.org/v3" />
12    <name value="RIM Mapping" />
13  </mapping>
14  <kind value="complex-type" />
15  <abstract value="false" />
16  <context>
17    <type value="element" />
18    <expression value="Immunization.protocolApplied" />
19  </context>
20  <type value="Extension" />
21  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Extension" />
22  <derivation value="constraint" />
23  <differential>
24    <element id="Extension">
25      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
26        <valueCode value="normative" />
27      </extension>
28      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
29        <valueCode value="4.0.0" />
30      </extension>
31      <path value="Extension" />
32      <short value="Grundimmunisierung" />
33      <definition value="Information, ob die Grundimmunisierung gegen eine
bestimmte Erkrankung (z.B. nach STIKO Empfehlung) abgeschlossen ist und
damit eine Immunität vorliegt. Dies dient als Alternative zum Übertrag
aller vorangegangener Impfungen einer Serie aus dem Papiaerausweis in den
elektronischen Impfpass. Ziel ist eine möglichst lückenlose Information zu
vorangegangenen Impfungen bzw. dem daraus resultierenden Immunstatus.
\n\nTrue = Impfserie abgeschlossen\nFalse = Impfserie nicht abgeschlossen"
/>
34    </element>
35    <element id="Extension.url">
36      <path value="Extension.url" />
37      <fixedUri value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_Vaccination_Basic_Immunization" />
38    </element>
39    <element id="Extension.value[x]">
40      <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
```

```

41     <valueCode value="normative" />
42   </extension>
43   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
44     <valueCode value="4.0.0" />
45   </extension>
46   <path value="Extension.value[x]" />
47   <slicing>
48     <discriminator>
49       <type value="type" />
50       <path value="$this" />
51     </discriminator>
52     <rules value="open" />
53   </slicing>
54   <min value="1" />
55   <type>
56     <code value="boolean" />
57   </type>
58 </element>
59 <element id="Extension.value[x]:valueBoolean">
60   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-standards-status">
61     <valueCode value="normative" />
62   </extension>
63   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-normative-version">
64     <valueCode value="4.0.0" />
65   </extension>
66   <path value="Extension.valueBoolean" />
67   <sliceName value="valueBoolean" />
68   <min value="1" />
69   <type>
70     <code value="boolean" />
71   </type>
72 </element>
73 </differential>
74 </StructureDefinition>

```


44. KBV_VS_MIO_VACCINATION_ENTRY_TYPE

KBV_VS_MIO_Vaccination_Entry_Type

```
1 <ValueSet xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Entry_Type" />
3   <version value="1.1.0" />
4   <name value="KBV_VS_MIO_Vaccination_Entry_Type" />
5   <status value="active" />
6   <experimental value="false" />
7   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8   <contact>
9     <telecom>
10      <system value="url" />
11      <value value="http://www.kbv.de" />
12    </telecom>
13  </contact>
14  <description value="Dieses Valueset enthält alle Codes aus dem CodeSystem
https://fhir.kbv.de/CodeSystem/KBV_CS_MIO_Vaccination_Entry_Type." />
15  <immutable value="false" />
16  <compose>
17    <include>
18      <system value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_Vaccination_Technical_Entry_Type" />
19    </include>
20  </compose>
21 </ValueSet>
```

45. KBV_VS_MIO_VACCINATION_IHEXDS_AUTHORSPECIALITY_RESTRICTED

KBV_VS_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/ KBV_VS_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted" />
3	<version value="1.1.0" />
4	<name value="KBV_VS_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted" />
5	<status value="active" />
6	<experimental value="false" />
7	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8	<description value="Dieses Valueset enthält Codes zur Beschreibung der Funktionen/Rollen der behandelnden Person." />
9	<immutable value="false" />
10	<copyright value="Im folgenden Profil können Codes aus den Codesystemen Snomed, Loinc oder Ucum enthalten sein, die dem folgenden Urheberrecht unterliegen: This material includes SNOMED Clinical Terms® (SNOMED CT®) which is used by permission of SNOMED International. All rights reserved. SNOMED CT®, was originally created by The College of American Pathologists. SNOMED and SNOMED CT are registered trademarks of SNOMED International. Implementers of these artefacts must have the appropriate SNOMED CT Affiliate license. This material contains content from LOINC (http:// loinc.org). LOINC is copyright © 1995–2020, Regenstrief Institute, Inc. and the Logical Observation Identifiers Names and Codes (LOINC) Committee and is available at no cost under the license at http://loinc.org/license. LOINC® is a registered United States trademark of Regenstrief Institute, Inc. This product includes all or a portion of the UCUM table, UCUM codes, and UCUM definitions or is derived from it, subject to a license from Regenstrief Institute, Inc. and The UCUM Organization. Your use of the UCUM table, UCUM codes, UCUM definitions also is subject to this license, a copy of which is available at <http://unitsofmeasure.org. The current complete UCUM table, UCUM Specification are available for download at http:// unitsofmeasure.org. The UCUM table and UCUM codes are copyright © 1995–2009, Regenstrief Institute, Inc. and the Unified Codes for Units of Measures (UCUM) Organization. All rights reserved. THE UCUM TABLE (IN ALL FORMATS), UCUM DEFINITIONS, AND SPECIFICATION ARE PROVIDED "AS IS." ANY EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE." />
11	<compose>
12	<include>
13	<system value="urn:oid:1.2.276.0.76.5.493" />
14	<concept>
15	<code value="1" />
16	<display value="Arzt in Facharztausbildung" />
17	</concept>
18	<concept>
19	<code value="3" />
20	<display value="Praktischer Arzt" />
21	</concept>
22	</include>
23	<include>
24	<system value="https://fhir.kbv.de/CodeSystem/ KBV_CS_SFHIR_BAR2_WBO" />
25	<concept>
26	<code value="010" />

```

27     <display value="FA Allgemeinmedizin" />
28 </concept>
29 <concept>
30     <code value="020" />
31     <display value="FA Anästhesiologie" />
32 </concept>
33 <concept>
34     <code value="030" />
35     <display value="FA Augenheilkunde" />
36 </concept>
37 <concept>
38     <code value="050" />
39     <display value="FA Frauenheilkunde und Geburtshilfe" />
40 </concept>
41 <concept>
42     <code value="060" />
43     <display value="FA Hals-, Nasen-, Ohrenheilkunde" />
44 </concept>
45 <concept>
46     <code value="070" />
47     <display value="FA Haut- und Geschlechtskrankheiten" />
48 </concept>
49 <concept>
50     <code value="080" />
51     <display value="FA Innere Medizin" />
52 </concept>
53 <concept>
54     <code value="091" />
55     <display value="SP Kinderkardiologie" />
56 </concept>
57 <concept>
58     <code value="093" />
59     <display value="SP Neonatologie" />
60 </concept>
61 <concept>
62     <code value="102" />
63     <display value="FA Kinder- und Jugendpsychiatrie und
-psychotherapie" />
64 </concept>
65 <concept>
66     <code value="110" />
67     <display value="FA Laboratoriumsmedizin" />
68 </concept>
69 <concept>
70     <code value="130" />
71     <display value="FA Mund-Kiefer-Gesichts-Chirurgie" />
72 </concept>
73 <concept>
74     <code value="142" />
75     <display value="FA Neurologie" />
76 </concept>
77 <concept>
78     <code value="147" />
79     <display value="FA Psychiatrie und Psychotherapie" />
80 </concept>
81 <concept>
82     <code value="150" />
83     <display value="FA Neurochirurgie" />
84 </concept>
85 <concept>

```

```
86     <code value="170" />
87     <display value="FA Pathologie" />
88 </concept>
89 <concept>
90     <code value="180" />
91     <display value="FA Pharmakologie und Toxikologie" />
92 </concept>
93 <concept>
94     <code value="196" />
95     <display value="SP Kinderradiologie" />
96 </concept>
97 <concept>
98     <code value="197" />
99     <display value="SP Neuroradiologie" />
100 </concept>
101 <concept>
102     <code value="200" />
103     <display value="FA Urologie" />
104 </concept>
105 <concept>
106     <code value="210" />
107     <display value="FA Arbeitsmedizin" />
108 </concept>
109 <concept>
110     <code value="220" />
111     <display value="FA Nuklearmedizin" />
112 </concept>
113 <concept>
114     <code value="230" />
115     <display value="FA Öffentliches Gesundheitswesen" />
116 </concept>
117 <concept>
118     <code value="240" />
119     <display value="FA Rechtsmedizin" />
120 </concept>
121 <concept>
122     <code value="250" />
123     <display value="FA Hygiene und Umweltmedizin" />
124 </concept>
125 <concept>
126     <code value="271" />
127     <display value="FA Neuropathologie" />
128 </concept>
129 <concept>
130     <code value="281" />
131     <display value="FA Klinische Pharmakologie" />
132 </concept>
133 <concept>
134     <code value="291" />
135     <display value="FA Strahlentherapie" />
136 </concept>
137 <concept>
138     <code value="301" />
139     <display value="FA Anatomie" />
140 </concept>
141 <concept>
142     <code value="302" />
143     <display value="FA Biochemie" />
144 </concept>
145 <concept>
```

```

146     <code value="303" />
147     <display value="FA Transfusionsmedizin" />
148 </concept>
149 <concept>
150     <code value="304" />
151     <display value="FA Kinderchirurgie" />
152 </concept>
153 <concept>
154     <code value="308" />
155     <display value="FA Physiologie" />
156 </concept>
157 <concept>
158     <code value="313" />
159     <display value="FA Herzchirurgie" />
160 </concept>
161 <concept>
162     <code value="314" />
163     <display value="FA Humangenetik" />
164 </concept>
165 <concept>
166     <code value="330" />
167     <display value="FA Physikalische und Rehabilitative Medizin" />
168 </concept>
169 <concept>
170     <code value="341" />
171     <display value="FA Kinder- und Jugendmedizin" />
172 </concept>
173 <concept>
174     <code value="511" />
175     <display value="FA Gefäßchirurgie" />
176 </concept>
177 <concept>
178     <code value="512" />
179     <display value="FA Orthopädie und Unfallchirurgie" />
180 </concept>
181 <concept>
182     <code value="513" />
183     <display value="FA Thoraxchirurgie" />
184 </concept>
185 <concept>
186     <code value="514" />
187     <display value="FA Visceralchirurgie" />
188 </concept>
189 <concept>
190     <code value="515" />
191     <display value="SP Gynäkologische Onkologie" />
192 </concept>
193 <concept>
194     <code value="516" />
195     <display value="SP Gynäkologische Endokrinologie und
Reproduktionsmedizin" />
196 </concept>
197 <concept>
198     <code value="517" />
199     <display value="SP Spezielle Geburtshilfe und Perinatalmedizin" />
200 </concept>
201 <concept>
202     <code value="518" />
203     <display value="FA Sprach-, Stimm- und kindliche Hörstörungen" />
204 </concept>

```

```

205     <concept>
206       <code value="521" />
207       <display value="FA Innere Medizin und (SP) Angiologie" />
208     </concept>
209     <concept>
210       <code value="522" />
211       <display value="FA Innere Medizin und (SP) Endokrinologie und
Diabetologie" />
212     </concept>
213     <concept>
214       <code value="523" />
215       <display value="FA Innere Medizin und (SP) Gastroenterologie" />
216     </concept>
217     <concept>
218       <code value="524" />
219       <display value="FA Innere Medizin und (SP) Hämatologie und
Onkologie" />
220     </concept>
221     <concept>
222       <code value="525" />
223       <display value="FA Innere Medizin und (SP) Kardiologie" />
224     </concept>
225     <concept>
226       <code value="526" />
227       <display value="FA Innere Medizin und (SP) Nephrologie" />
228     </concept>
229     <concept>
230       <code value="527" />
231       <display value="FA Innere Medizin und (SP) Pneumologie" />
232     </concept>
233     <concept>
234       <code value="528" />
235       <display value="FA Innere Medizin und (SP) Rheumatologie" />
236     </concept>
237     <concept>
238       <code value="530" />
239       <display value="SP Kinder-Hämatologie und -Onkologie" />
240     </concept>
241     <concept>
242       <code value="531" />
243       <display value="SP Neuropädiatrie" />
244     </concept>
245     <concept>
246       <code value="532" />
247       <display value="FA Mikrobiologie, Virologie und
Infektionsepidemiologie" />
248     </concept>
249     <concept>
250       <code value="533" />
251       <display value="SP Forensische Psychiatrie" />
252     </concept>
253     <concept>
254       <code value="534" />
255       <display value="FA Psychosomatische Medizin und Psychotherapie" />
256     </concept>
257     <concept>
258       <code value="535" />
259       <display value="FA Radiologie (neue (M-)WBO)" />
260     </concept>
261     <concept>

```

```

262     <code value="542" />
263     <display value="FA Plastische und Ästhetische Chirurgie" />
264 </concept>
265 <concept>
266     <code value="544" />
267     <display value="FA Allgemein Chirurgie" />
268 </concept>
269 </include>
270 <include>
271     <system value="urn:oid:1.3.6.1.4.1.19376.3.276.1.5.11" />
272     <concept>
273         <code value="2" />
274         <display value="Arzthilfe, Praxisorganisation, -verwaltung" />
275     </concept>
276     <concept>
277         <code value="179" />
278         <display value="Physician Assistant" />
279     </concept>
280     <concept>
281         <code value="4" />
282         <display value="Medizinischer Fachangestellter" />
283     </concept>
284     <concept>
285         <code value="69" />
286         <display value="Pharmazeutische Beratung, Pharmavertrieb" />
287     </concept>
288     <concept>
289         <code value="70" />
290         <display value="Apotheker /Fachapotheker" />
291     </concept>
292     <concept>
293         <code value="71" />
294         <display value="Pharmazeut" />
295     </concept>
296     <concept>
297         <code value="72" />
298         <display value="Pharmazeutisch-technischer Assistent - PTA" />
299     </concept>
300     <concept>
301         <code value="73" />
302         <display value="Pharmazeutisch-kaufmännischer Angestellter" />
303     </concept>
304     <concept>
305         <code value="180" />
306         <display value="Pharmazieingenieur" />
307     </concept>
308     <concept>
309         <code value="181" />
310         <display value="Apothekenassistent" />
311     </concept>
312     <concept>
313         <code value="182" />
314         <display value="Apothekerassistent" />
315     </concept>
316 </include>
317 </compose>
318 </ValueSet>

```

46. KBV_VS_MIO_VACCINATION_IMMUNIZATIONORIGINCODES

KBV_VS_MIO_Vaccination_ImmunizationOriginCodes	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/
3	KBV_VS_MIO_Vaccination_ImmunizationOriginCodes" />
4	<version value="1.1.0" />
5	<name value="KBV_VS_MIO_Vaccination_ImmunizationOriginCodes" />
6	<title value="ImmunizationOriginCodes" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<contact>
11	<telecom>
12	<system value="url" />
13	<value value="http://www.kbv.de" />
14	</telecom>
15	</contact>
16	<description value="Dieses Valueset enthält die Codes zur Beschreibung
17	der Quelle der Information für eine nachgetragene Impfung." />
18	<immutable value="false" />
19	<copyright value="Im folgenden Profil können Codes aus den Codesystemen
20	Snomed, Loinc oder Ucum enthalten sein, die dem folgenden Urheberrecht
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	TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
	PURPOSE." />
18	<compose>
19	<include>
20	<system value="http://terminology.hl7.org/CodeSystem/immunization-
21	origin" />
22	<version value="4.0.1" />
23	<concept>
24	<code value="recall" />
25	<display value="Parent/Guardian/Patient Recall" />
26	</concept>
27	<concept>
	<code value="record" />


```
28     <display value="Written Record" />
29   </concept>
30   <concept>
31     <code value="provider" />
32     <display value="Other Provider" />
33   </concept>
34 </include>
35 </compose>
36 </ValueSet>
```

47. KBV_VS_MIO_VACCINATION_LAB_IMMUNEREACTION_TEST_PRESENCE

KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence

```

1  <ValueSet xmlns="http://hl7.org/fhir">
2    <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence" />
3    <version value="1.1.0" />
4    <name value="KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence" />
5    <title value="Titerbezeichnung" />
6    <status value="active" />
7    <experimental value="false" />
8    <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9    <contact>
10     <telecom>
11       <system value="url" />
12       <value value="http://www.kbv.de" />
13     </telecom>
14   </contact>
15   <description value="dieses Valueset beinhaltet Codes zur Beschreibung der
Immunreaktion als SNOMED CT® Code." />
16   <immutable value="false" />
17   <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
18   <compose>
19     <include>
20       <system value="http://loinc.org" />
21       <version value="2.69" />
22       <concept>
23         <code value="22600-1" />
24         <display value="Varicella zoster virus Ab [Presence] in Serum" />
25       </concept>
26       <concept>
27         <code value="26643-7" />

```

```

28     <display value="Clostridium tetani toxoid Ab [Presence] in Serum" /
>
29   </concept>
30   <concept>
31     <code value="30546-6" />
32     <display value="Polio virus 1 Ab [Presence] in Serum" />
33   </concept>
34   <concept>
35     <code value="31998-8" />
36     <display value="Bordetella pertussis Ab [Presence] in Serum" />
37   </concept>
38   <concept>
39     <code value="31503-6" />
40     <display value="Mumps virus Ab [Presence] in Serum" />
41   </concept>
42   <concept>
43     <code value="17322-9" />
44     <display value="Neisseria meningitidis Ab [Presence] in Serum" />
45   </concept>
46   <concept>
47     <code value="46197-0" />
48     <display value="Measles virus Ab [Presence] in Serum" />
49   </concept>
50   <concept>
51     <code value="22322-2" />
52     <display value="Hepatitis B virus surface Ab [Presence] in Serum" /
>
53   </concept>
54   <concept>
55     <code value="20575-7" />
56     <display value="Hepatitis A virus Ab [Presence] in Serum" />
57   </concept>
58   <concept>
59     <code value="26630-4" />
60     <display value="Corynebacterium diphtheriae toxin Ab [Presence] in
Serum" />
61   </concept>
62   <concept>
63     <code value="22496-4" />
64     <display value="Rubella virus Ab [Presence] in Serum" />
65   </concept>
66   <concept>
67     <code value="30553-2" />
68     <display value="Rabies virus Ab [Presence] in Serum" />
69   </concept>
70 </include>
71 </compose>
72 </ValueSet>

```

48. KBV_VS_MIO_VACCINATION_LAB_IMMUNEREACTION_TEST_PRESENCE_SNOMED

KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Snomed

```

1 <ValueSet xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Snomed" />
3   <version value="1.1.0" />
4   <name value="KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Snom
ed" />
5   <title value="Art der Immunreaktion SCT2" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10     <telecom>
11       <system value="url" />
12       <value value="http://www.kbv.de" />
13     </telecom>
14   </contact>
15   <description value="Dieses Valueset beinhaltet Codes zur Beschreibung der
Art der Immunreaktion als SNOMED CT® Code." />
16   <immutable value="false" />
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TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
18   <compose>
19     <include>
20       <system value="http://snomed.info/sct" />
21       <version value="http://snomed.info/sct/900000000000207008/version/
20210131" />
22     <concept>
23       <code value="363787002:246093002=259858000,370134009=123029007,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>

```

```

24     <display value="Observable entity (observable entity) : Component
(attribute) = Varicella-zoster virus antibody (substance) , Time aspect
(attribute) = Single point in time (qualifier value) , Scale type
(attribute) = Ordinal value (qualifier value) , Inheres in (attribute) =
Plasma (substance) , Property (attribute) = Presence (property) (qualifier
value) , Direct site (attribute) = Serum specimen (specimen)" />
25     </concept>
26     <concept>
27     <code value="363787002:370134009=123029007,246093002=259833005,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
28     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Clostridium tetani toxoid antibody (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
29     </concept>
30     <concept>
31     <code value="363787002:370134009=123029007,246093002=120856009,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
32     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Human poliovirus 1 antibody (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
33     </concept>
34     <concept>
35     <code value="363787002:246093002=120662001,370134009=123029007,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
36     <display value="Observable entity (observable entity):Component
(attribute)=Bordetella pertussis antibody (substance),Time aspect
(attribute)=Single point in time (qualifier value),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
37     </concept>
38     <concept>
39     <code value="363787002:246093002=120721000,370134009=123029007,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
40     <display value="Observable entity (observable entity):Component
(attribute)=Mumps virus antibody (substance),Time aspect (attribute)=Single
point in time (qualifier value),Scale type (attribute)=Ordinal value
(qualifier value),Inheres in (attribute)=Plasma (substance),Property
(attribute)=Presence (property) (qualifier value),Direct site
(attribute)=Serum specimen (specimen)" />
41     </concept>
42     <concept>
43     <code value="363787002:370134009=123029007,246093002=120871008,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>

```

```

44     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Neisseria meningitidis antibody (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
45     </concept>
46     <concept>
47     <code value="363787002:370134009=123029007,246093002=120969007,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
48     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Measles virus antibody (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
49     </concept>
50     <concept>
51     <code value="363787002:246093002=120886002,370134009=123029007,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
52     <display value="Observable entity (observable entity): Component
(attribute) = Haemophilus influenzae type B antibody (substance) , Time
aspect (attribute) = Single point in time (qualifier value) , Scale type
(attribute) = Ordinal value (qualifier value) , Inheres in (attribute) =
Plasma (substance) , Property (attribute) = Presence (property) (qualifier
value) , Direct site (attribute) = Serum specimen (specimen)" />
53     </concept>
54     <concept>
55     <code value="363787002:370134009=123029007,246093002=122450004,3701
32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
56     <display value="Observable entity (observable entity) : Time aspect
(attribute) = Single point in time (qualifier value) , Component
(attribute) = Antibody to hepatitis B virus (substance) , Scale type
(attribute) = Ordinal value (qualifier value) , Inheres in (attribute) =
Plasma (substance) , Property (attribute) = Presence (property) (qualifier
value) , Direct site (attribute) = Serum specimen (specimen)" />
57     </concept>
58     <concept>
59     <code value="363787002:370134009=123029007,246093002=32609007,37013
2008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
/>
60     <display value="Observable entity (observable entity):Time aspect
(attribute)=Single point in time (qualifier value),Component
(attribute)=Antibody to hepatitis A virus (substance),Scale type
(attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
(substance),Property (attribute)=Presence (property) (qualifier
value),Direct site (attribute)=Serum specimen (specimen)" />
61     </concept>
62     <concept>
63     <code value="363787002:370134009=123029007,370132008=117363000,7043
19004=50863008,246093002=259834004,370130000=705057003,704327008=119364003"
/>

```

```

64     <display value="Observable entity (observable entity):Time aspect
      (attribute)=Single point in time (qualifier value),Scale type
      (attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
      (substance),Component (attribute)=Corynebacterium diphtheriae toxoid
      antibody (substance),Property (attribute)=Presence (property) (qualifier
      value),Direct site (attribute)=Serum specimen (specimen)" />
65     </concept>
66     <concept>
67     <code value="363787002:246093002=120737006,370134009=123029007,3701
      32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
      />
68     <display value="Observable entity (observable entity):Component
      (attribute)=Rubella virus antibody (substance),Time aspect
      (attribute)=Single point in time (qualifier value),Scale type
      (attribute)=Ordinal value (qualifier value),Inheres in (attribute)=Plasma
      (substance),Property (attribute)=Presence (property) (qualifier
      value),Direct site (attribute)=Serum specimen (specimen)" />
69     </concept>
70     <concept>
71     <code value="363787002:370134009=123029007,246093002=120850003,3701
      32008=117363000,704319004=50863008,370130000=705057003,704327008=119364003"
      />
72     <display value="Observable entity (observable entity) : Time aspect
      (attribute) = Single point in time (qualifier value) , Component
      (attribute) = Rabies virus antibody (substance) , Scale type (attribute) =
      Ordinal value (qualifier value) , Inheres in (attribute) = Plasma
      (substance) , Property (attribute) = Presence (property) (qualifier
      value) , Direct site (attribute) = Serum specimen (specimen)" />
73     </concept>
74     </include>
75     </compose>
76 </ValueSet>

```

49. KBV_VS_MIO_VACCINATION_LAB_IMMUNEREACTION_TEST_PRESENCE_SNOMED_ALL

KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Snomed_All	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/
3	KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Snomed_All" />
4	<version value="1.1.0" />
5	<name value="KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Snom
6	ed_All" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<description value="Dieses Valueset verbindet alle Valuesets zur Immunreaktion." />
11	<immutable value="false" />
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	TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
	PURPOSE." />
11	<compose>
12	<include>
13	<valueSet value="https://fhir.kbv.de/ValueSet/
14	KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Snomed" />
15	</include>
16	<include>
17	<valueSet value="https://fhir.kbv.de/ValueSet/
18	KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Tuberculin" />
19	</include>
	</compose>
	</ValueSet>

50. KBV_VS_MIO_VACCINATION_LAB_IMMUNEREACTION_TEST_PRESENCE_TUBERCULIN

KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Tuberculin

```

1  <ValueSet xmlns="http://hl7.org/fhir">
2    <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Tuberculin" />
3    <version value="1.1.0" />
4    <name value="KBV_VS_MIO_Vaccination_Lab_ImmuneReaction_Test_Presence_Tube
rculin" />
5    <title value="Tuberkulin-Test" />
6    <status value="active" />
7    <experimental value="false" />
8    <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9    <contact>
10     <telecom>
11       <system value="url" />
12       <value value="http://www.kbv.de" />
13     </telecom>
14   </contact>
15   <description value="Dieses Valueset beinhaltet die Beschreibung der
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PURPOSE." />
18   <compose>
19     <include>
20       <system value="http://snomed.info/sct" />
21       <version value="http://snomed.info/sct/900000000000207008/version/
20210131" />
22     <concept>
23       <code value="268376005" />
24       <display value="Mantoux: positive (finding)" />
25     </concept>
26   </compose>

```

```
27     <code value="268375009" />
28     <display value="Mantoux: negative (finding)" />
29 </concept>
30 <concept>
31     <code value="440662009" />
32     <display value="Interferon gamma assay positive (finding)" />
33 </concept>
34 <concept>
35     <code value="440661002" />
36     <display value="Interferon gamma assay negative (finding)" />
37 </concept>
38 </include>
39 </compose>
40 </ValueSet>
```

51. KBV_VS_MIO_VACCINATION_LAB_TITER_IMMUNITY

KBV_VS_MIO_Vaccination_Lab_Titer_Immunity	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/ KBV_VS_MIO_Vaccination_Lab_Titer_Immunity" />
3	<version value="1.1.0" />
4	<name value="KBV_VS_MIO_Vaccination_Lab_Titer_Immunity" />
5	<title value="Titer Immunität" />
6	<status value="active" />
7	<experimental value="false" />
8	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9	<contact>
10	<telecom>
11	<system value="url" />
12	<value value="http://www.kbv.de" />
13	</telecom>
14	</contact>
15	<description value="Das Valueset enthält die Codes zur Beschreibung der Erreichung der Immunität einer Titeruntersuchung." />
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18	<compose>
19	<include>
20	<system value="http://snomed.info/sct" />
21	<version value="http://snomed.info/sct/900000000000207008/version/ 20210131" />
22	<concept>
23	<code value="365861007:363713009=260385009" />
24	<display value="Finding of immune status (finding) : Has interpretation (attribute) = Negative (qualifier value)" />
25	</concept>
26	</concept>

```
27     <code value="365861007:363713009=10828004" />
28     <display value="Finding of immune status (finding) : Has
29 interpretation (attribute) = Positive (qualifier value)" />
30     </concept>
31     </include>
32 </compose>
</ValueSet>
```

52. KBV_VS_MIO_VACCINATION_PRACTITIONER_SPECIALITY

KBV_VS_MIO_Vaccination_Practitioner_Speciality

```
1 <ValueSet xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Practitioner_Speciality" />
3   <version value="1.1.0" />
4   <name value="KBV_VS_MIO_Vaccination_Practitioner_Speciality" />
5   <status value="active" />
6   <experimental value="false" />
7   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
8   <description value="Dieses ValueSet enthält weitere ValueSets zur
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PURPOSE." />
11  <compose>
12    <include>
13      <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_IHEXDS_AuthorSpeciality_Restricted" />
14    </include>
15    <include>
16      <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Practitioner_Speciality_Addendum" />
17    </include>
18  </compose>
19 </ValueSet>
```

53. KBV_VS_MIO_VACCINATION_PRACTITIONER_SPECIALITY_ADDENDUM

KBV_VS_MIO_Vaccination_Practitioner_Speciality_Addendum

```

1  <ValueSet xmlns="http://hl7.org/fhir">
2    <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Practitioner_Speciality_Addendum" />
3    <version value="1.1.0" />
4    <name value="KBV_VS_MIO_Vaccination_Practitioner_Speciality_Addendum" />
5    <status value="active" />
6    <experimental value="false" />
7    <publisher value="Kassenärztliche Bundesvereinigung" />
8    <description value="Dieses Valueset enthält Codes zur Beschreibung der
Funktionen/Rollen der behandelnden Person." />
9    <immutable value="false" />
10   <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
11   <compose>
12     <include>
13       <system value="http://snomed.info/sct" />
14       <version value="http://snomed.info/sct/900000000000207008/version/
20200731" />
15       <concept>
16         <code value="309343006" />
17         <display value="Physician (occupation)" />
18       </concept>
19     </include>
20     <include>
21       <system value="urn:oid:1.2.276.0.76.5.114" />
22       <concept>
23         <code value="042" />
24         <display value="SP Unfallchirurgie" />
25       </concept>
26       <concept>
27         <code value="096" />

```

```
28     <display value="TG Kinderneurologie" />
29 </concept>
30 <concept>
31   <code value="097" />
32   <display value="TG Kinder-Lungen- u. Bronchialheilkunde" />
33 </concept>
34 <concept>
35   <code value="140" />
36   <display value="FA Nervenheilkunde" />
37 </concept>
38 <concept>
39   <code value="143" />
40   <display value="Psychotherapeutisch tätiger Arzt" />
41 </concept>
42 <concept>
43   <code value="171" />
44   <display value="TG Neuropathologie" />
45 </concept>
46 <concept>
47   <code value="192" />
48   <display value="TG Neuroradiologie" />
49 </concept>
50 <concept>
51   <code value="160" />
52   <display value="FA Orthopädie" />
53 </concept>
54 <concept>
55   <code value="161" />
56   <display value="SP Rheumatologie" />
57 </concept>
58 <concept>
59   <code value="536" />
60   <display value="SP Kinder-Endokrinologie und -Diabetologie" />
61 </concept>
62 <concept>
63   <code value="537" />
64   <display value="SP Kinder-Gastroenterologie" />
65 </concept>
66 </include>
67 </compose>
68 </ValueSet>
```

54. KBV_VS_MIO_VACCINATION_PRIOR_DISEASE

KBV_VS_MIO_Vaccination_Prior_Disease	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/
3	KBV_VS_MIO_Vaccination_Prior_Disease" />
4	<version value="1.1.0" />
5	<name value="KBV_VS_MIO_Vaccination_Prior_Disease" />
6	<title value="VaccinationrelevantDisease" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<contact>
11	<telecom>
12	<system value="url" />
13	<value value="http://www.kbv.de" />
14	</telecom>
15	</contact>
16	<description value="Dieses Valueset enthält die Codes zur Beschreibung
17	der vorhergegangenen Krankheiten, die zur Immunisierung geführt haben im
18	Codesystem SNOMED CT®." />
19	<immutable value="false" />
20	<copyright value="Im folgenden Profil können Codes aus den Codesystemen
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43	TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
44	PURPOSE." />
45	<compose>
46	<include>
47	<system value="http://snomed.info/sct" />
48	<version value="http://snomed.info/sct/900000000000207008/version/
49	20210131" />
50	<concept>
51	<code value="40733004" />
52	<display value="Infectious disease (disorder)" />
53	</concept>
54	</include>
55	</compose>
56	</ValueSet>


```

27     <code value="16541001" />
28     <display value="Yellow fever (disorder)" />
29 </concept>
30 <concept>
31     <code value="16901001" />
32     <display value="Central European encephalitis (disorder)" />
33 </concept>
34 <concept>
35     <code value="76795007" />
36     <display value="Acute type B viral hepatitis (disorder)" />
37 </concept>
38 <concept>
39     <code value="235869004" />
40     <display value="Chronic viral hepatitis B with hepatitis D
41 (disorder)" />
42 </concept>
43 <concept>
44     <code value="186639003" />
45     <display value="Chronic viral hepatitis B without delta-agent
46 (disorder)" />
47 </concept>
48 <concept>
49     <code value="25102003" />
50     <display value="Acute type A viral hepatitis (disorder)" />
51 </concept>
52 <concept>
53     <code value="36653000" />
54     <display value="Rubella (disorder)" />
55 </concept>
56 <concept>
57     <code value="36989005" />
58     <display value="Mumps (disorder)" />
59 </concept>
60 <concept>
61     <code value="14189004" />
62     <display value="Measles (disorder)" />
63 </concept>
64 <concept>
65     <code value="38907003" />
66     <display value="Varicella (disorder)" />
67 </concept>
68 <concept>
69     <code value="27836007" />
70     <display value="Pertussis (disorder)" />
71 </concept>
72 </include>
</compose>
</ValueSet>

```

55. KBV_VS_MIO_VACCINATION_PRIOR_DISEASE_ICD

KBV_VS_MIO_Vaccination_Prior_Disease_ICD	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/
3	KBV_VS_MIO_Vaccination_Prior_Disease_ICD" />
4	<version value="1.1.0" />
5	<name value="KBV_VS_MIO_Vaccination_Prior_Disease_ICD" />
6	<title value="VaccinationrelevantDisease_ICD" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<contact>
11	<telecom>
12	<system value="url" />
13	<value value="http://www.kbv.de" />
14	</telecom>
15	</contact>
16	<description value="Dieses ValueSet enthält die Codes zur Beschreibung
17	der vorhergegangenen Krankheiten, die zur Immunisierung geführt haben im
18	Codesystem ICD 10 GM." />
19	<immutable value="false" />
20	<copyright value="Im folgenden Profil können Codes aus den Codesystemen
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	TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
	PURPOSE." />
18	<compose>
19	<include>
20	<system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
21	<version value="2021" />
22	<concept>
23	<code value="B26.-" />
24	<display value="Mumps" />
25	</concept>
26	<concept>
27	<code value="B05.-" />

```

28     <display value="Masern" />
29 </concept>
30 <concept>
31     <code value="B01.-" />
32     <display value="Varizellen [Windpocken]" />
33 </concept>
34 <concept>
35     <code value="B06.-" />
36     <display value="Röteln [Rubeola] [Rubella]" />
37 </concept>
38 <concept>
39     <code value="B15.-" />
40     <display value="Akute Virushepatitis A" />
41 </concept>
42 <concept>
43     <code value="B16.-" />
44     <display value="Akute Virushepatitis B" />
45 </concept>
46 <concept>
47     <code value="B18.0" />
48     <display value="Chronische Virushepatitis B mit Delta-Virus" />
49 </concept>
50 <concept>
51     <code value="B18.1-" />
52     <display value="Chronische Virushepatitis B ohne Delta-Virus" />
53 </concept>
54 <concept>
55     <code value="A84.1" />
56     <display value="Mitteleuropäische Enzephalitis, durch Zecken
übertragen" />
57 </concept>
58 <concept>
59     <code value="A95.-" />
60     <display value="Gelbfieber" />
61 </concept>
62 <concept>
63     <code value="A37.-" />
64     <display value="Keuchhusten" />
65 </concept>
66 </include>
67 </compose>
68 <expansion>
69     <timestamp value="2021-01-22T12:30:02Z" />
70     <contains>
71         <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
72         <version value="2021" />
73         <code value="B26.-" />
74         <display value="Mumps" />
75     </contains>
76     <contains>
77         <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
78         <version value="2021" />
79         <code value="B05.-" />
80         <display value="Masern" />
81     </contains>
82     <contains>
83         <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
84         <version value="2021" />
85         <code value="B01.-" />
86         <display value="Varizellen [Windpocken]" />

```

```

87     </contains>
88     <contains>
89         <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
90         <version value="2021" />
91         <code value="B06.-" />
92         <display value="Röteln [Rubeola] [Rubella]" />
93     </contains>
94     <contains>
95         <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
96         <version value="2021" />
97         <code value="B15.-" />
98         <display value="Akute Virushepatitis A" />
99     </contains>
100    <contains>
101        <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
102        <version value="2021" />
103        <code value="B16.-" />
104        <display value="Akute Virushepatitis B" />
105    </contains>
106    <contains>
107        <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
108        <version value="2021" />
109        <code value="B18.0" />
110        <display value="Chronische Virushepatitis B mit Delta-Virus" />
111    </contains>
112    <contains>
113        <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
114        <version value="2021" />
115        <code value="B18.1-" />
116        <display value="Chronische Virushepatitis B ohne Delta-Virus" />
117    </contains>
118    <contains>
119        <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
120        <version value="2021" />
121        <code value="A84.1" />
122        <display value="Mittleuropäische Enzephalitis, durch Zecken
übertragen" />
123    </contains>
124    <contains>
125        <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
126        <version value="2021" />
127        <code value="A95.-" />
128        <display value="Gelbfieber" />
129    </contains>
130    <contains>
131        <system value="http://fhir.de/CodeSystem/dimdi/icd-10-gm" />
132        <version value="2021" />
133        <code value="A37.-" />
134        <display value="Keuchhusten" />
135    </contains>
136 </expansion>
137 </ValueSet>

```

56. KBV_VS_MIO_VACCINATION_SOURCE_OF_INFORMATION

KBV_VS_MIO_Vaccination_Source_of_Information	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/
3	KBV_VS_MIO_Vaccination_Source_of_Information" />
4	<version value="1.1.0" />
5	<name value="KBV_VS_MIO_Vaccination_Source_of_Information" />
6	<title value="Source_of_Information" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<contact>
11	<telecom>
12	<system value="url" />
13	<value value="http://www.kbv.de" />
14	</telecom>
15	</contact>
16	<description value="Dieses Valueset enthält die SNOMED CT® Codes zur
17	Beschreibung der Quelle der Information." />
18	<immutable value="false" />
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	PURPOSE." />
18	<compose>
19	<include>
20	<system value="http://snomed.info/sct" />
21	<version value="http://snomed.info/sct/900000000000207008/version/
22	20210131" />
23	<concept>
24	<code value="261665006" />
25	<display value="Unknown (qualifier value)" />
26	</concept>
27	<concept>
	<code value="394863008" />

```
28     <display value="Non-family member (person)" />
29   </concept>
30   <concept>
31     <code value="125677006" />
32     <display value="Relative (person)" />
33   </concept>
34   <concept>
35     <code value="158965000" />
36     <display value="Medical practitioner (occupation)" />
37   </concept>
38   <concept>
39     <code value="116154003" />
40     <display value="Patient (person)" />
41   </concept>
42 </include>
43 </compose>
44 </ValueSet>
```

57. KBV_VS_MIO_VACCINATION_TARGETDISEASE

KBV_VS_MIO_Vaccination_TargetDisease	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/
3	KBV_VS_MIO_Vaccination_TargetDisease" />
4	<version value="1.1.0" />
5	<name value="KBV_VS_MIO_Vaccination_TargetDisease" />
6	<title value="TargetDisease" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<contact>
11	<telecom>
12	<system value="url" />
13	<value value="http://www.kbv.de" />
14	</telecom>
15	</contact>
16	<description value="Dieses Valueset enthält die SNOMED CT® Codes zur
17	Beschreibung der Krankheiten gegen die geimpft wurde." />
18	<immutable value="false" />
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	TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
	PURPOSE." />
18	<compose>
19	<include>
20	<system value="http://snomed.info/sct" />
21	<version value="http://snomed.info/sct/900000000000207008/version/
22	20210131" />
23	<concept>
24	<code value="840539006" />
25	<display value="Disease caused by Severe acute respiratory syndrome
26	coronavirus 2 (disorder)" />
	</concept>
	</include>
	</compose>

```
27     <code value="67924001" />
28     <display value="Smallpox (disorder)" />
29 </concept>
30 <concept>
31     <code value="240532009" />
32     <display value="Human papillomavirus infection (disorder)" />
33 </concept>
34 <concept>
35     <code value="16541001" />
36     <display value="Yellow fever (disorder)" />
37 </concept>
38 <concept>
39     <code value="4740000" />
40     <display value="Herpes zoster (disorder)" />
41 </concept>
42 <concept>
43     <code value="38907003" />
44     <display value="Varicella (disorder)" />
45 </concept>
46 <concept>
47     <code value="36653000" />
48     <display value="Rubella (disorder)" />
49 </concept>
50 <concept>
51     <code value="18624000" />
52     <display value="Disease caused by Rotavirus (disorder)" />
53 </concept>
54 <concept>
55     <code value="14168008" />
56     <display value="Rabies (disorder)" />
57 </concept>
58 <concept>
59     <code value="398102009" />
60     <display value="Acute poliomyelitis (disorder)" />
61 </concept>
62 <concept>
63     <code value="36989005" />
64     <display value="Mumps (disorder)" />
65 </concept>
66 <concept>
67     <code value="14189004" />
68     <display value="Measles (disorder)" />
69 </concept>
70 <concept>
71     <code value="40468003" />
72     <display value="Viral hepatitis, type A (disorder)" />
73 </concept>
74 <concept>
75     <code value="66071002" />
76     <display value="Viral hepatitis type B (disorder)" />
77 </concept>
78 <concept>
79     <code value="6142004" />
80     <display value="Influenza (disorder)" />
81 </concept>
82 <concept>
83     <code value="52947006" />
84     <display value="Japanese encephalitis virus disease (disorder)" />
85 </concept>
86 </concept>
```



```

87     <code value="16901001" />
88     <display value="Central European encephalitis (disorder)" />
89 </concept>
90 <concept>
91     <code value="4834000" />
92     <display value="Typhoid fever (disorder)" />
93 </concept>
94 <concept>
95     <code value="56717001" />
96     <display value="Tuberculosis (disorder)" />
97 </concept>
98 <concept>
99     <code value="76902006" />
100    <display value="Tetanus (disorder)" />
101 </concept>
102 <concept>
103    <code value="16814004" />
104    <display value="Pneumococcal infectious disease (disorder)" />
105 </concept>
106 <concept>
107    <code value="58750007" />
108    <display value="Plague (disorder)" />
109 </concept>
110 <concept>
111    <code value="27836007" />
112    <display value="Pertussis (disorder)" />
113 </concept>
114 <concept>
115    <code value="23511006" />
116    <display value="Meningococcal infectious disease (disorder)" />
117 </concept>
118 <concept>
119    <code value="709410003" />
120    <display value="Haemophilus influenzae type b infection
121 (disorder)" />
122 </concept>
123 <concept>
124    <code value="397430003" />
125    <display value="Diphtheria caused by Corynebacterium diphtheriae
126 (disorder)" />
127 </concept>
128 <concept>
129    <code value="63650001" />
130    <display value="Cholera (disorder)" />
131 </concept>
132 <concept>
133    <code value="75702008" />
134    <display value="Brucellosis (disorder)" />
135 </concept>
136 <concept>
137    <code value="409498004" />
138    <display value="Anthrax (disorder)" />
139 </concept>
140 <concept>
141    <code value="39111003" />
142    <display value="Louse-borne typhus (disorder)" />
143 </concept>
144 <concept>
145    <code value="28944009" />
146    <display value="Cytomegalovirus infection (disorder)" />

```

```

145     </concept>
146     <concept>
147       <code value="55735004" />
148       <display value="Respiratory syncytial virus infection (disorder)" /
>
149     </concept>
150     <concept>
151       <code value="186431008" />
152       <display value="Clostridioides difficile infection (disorder)" />
153     </concept>
154     <concept>
155       <code value="307333004" />
156       <display value="Rhesus isoimmunization due to anti-D (disorder)" />
157     </concept>
158     <concept>
159       <code value="64572001" />
160       <display value="Disease (disorder)" />
161     </concept>
162     <concept>
163       <code value="40733004" />
164       <display value="Infectious disease (disorder)" />
165     </concept>
166   </include>
167 </compose>
168 </ValueSet>

```

58. KBV_VS_MIO_VACCINATION_TARGETDISEASE_ALPHAID

KBV_VS_MIO_Vaccination_TargetDisease_AlphaID

```

1  <ValueSet xmlns="http://hl7.org/fhir">
2    <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_TargetDisease_AlphaID" />
3    <version value="1.1.0" />
4    <name value="KBV_VS_MIO_Vaccination_TargetDisease_AlphaID" />
5    <title value="TargetDisease_Alpha ID" />
6    <status value="active" />
7    <experimental value="false" />
8    <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9    <contact>
10     <telecom>
11       <system value="url" />
12       <value value="http://www.kbv.de" />
13     </telecom>
14   </contact>
15   <description value="Dieses Valueset enthält die Codes zur Beschreibung
der Krankheiten gegen die geimpft wird als Alpha-ID Code." />
16   <immutable value="false" />
17   <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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PURPOSE." />
18   <compose>
19     <include>
20       <system value="http://fhir.de/CodeSystem/dimdi/alpha-id" />
21       <version value="2021" />
22       <concept>
23         <code value="I130800" />
24         <display value="COVID-19 o.n.A." />
25       </concept>
26       <concept>
27         <code value="I13550" />
28         <display value="Brucellose" />

```

```

29     </concept>
30     <concept>
31         <code value="I13965" />
32         <display value="Fleckfieber" />
33     </concept>
34     <concept>
35         <code value="I109141" />
36         <display value="Rh-Unverträglichkeit bei Schwangerschaft" />
37     </concept>
38     <concept>
39         <code value="I130677" />
40         <display value="Zytomegalieviren-Infektion" />
41     </concept>
42     <concept>
43         <code value="I130678" />
44         <display value="Respiratory-Syncytial-Viren-Infektion" />
45     </concept>
46     <concept>
47         <code value="I130668" />
48         <display value="Clostridioides-difficile-Infektion" />
49     </concept>
50     <concept>
51         <code value="I130674" />
52         <display value="Haemophilus-influenzae-Typ-B-Infektion" />
53     </concept>
54     <concept>
55         <code value="I13614" />
56         <display value="Cholera" />
57     </concept>
58     <concept>
59         <code value="I130676" />
60         <display value="HPV [Humanes Papillomavirus]-Infektion" />
61     </concept>
62     <concept>
63         <code value="I130671" />
64         <display value="Meningokokken-Infektion" />
65     </concept>
66     <concept>
67         <code value="I15008" />
68         <display value="Pest" />
69     </concept>
70     <concept>
71         <code value="I14609" />
72         <display value="Masern" />
73     </concept>
74     <concept>
75         <code value="I23502" />
76         <display value="Diphtherie" />
77     </concept>
78     <concept>
79         <code value="I23483" />
80         <display value="FSME [Zentraleuropäische Frühsommer-
Meningoenzephalitis]" />
81     </concept>
82     <concept>
83         <code value="I14036" />
84         <display value="Gelbfieber" />
85     </concept>
86     <concept>
87         <code value="I15771" />

```

```
88     <display value="Hepatitis A" />
89 </concept>
90 <concept>
91     <code value="I15777" />
92     <display value="Hepatitis B" />
93 </concept>
94 <concept>
95     <code value="I23144" />
96     <display value="Herpes zoster" />
97 </concept>
98 <concept>
99     <code value="I14083" />
100    <display value="Grippe [Influenza]" />
101 </concept>
102 <concept>
103     <code value="I1064" />
104     <display value="Japanische Enzephalitis" />
105 </concept>
106 <concept>
107     <code value="I14685" />
108     <display value="Milzbrand" />
109 </concept>
110 <concept>
111     <code value="I14707" />
112     <display value="Mumps" />
113 </concept>
114 <concept>
115     <code value="I14368" />
116     <display value="Pertussis" />
117 </concept>
118 <concept>
119     <code value="I130672" />
120     <display value="Pneumokokken-Infektion" />
121 </concept>
122 <concept>
123     <code value="I15064" />
124     <display value="Pocken" />
125 </concept>
126 <concept>
127     <code value="I14372" />
128     <display value="Poliomyelitis" />
129 </concept>
130 <concept>
131     <code value="I130669" />
132     <display value="Rotaviren-Infektion" />
133 </concept>
134 <concept>
135     <code value="I15222" />
136     <display value="Röteln" />
137 </concept>
138 <concept>
139     <code value="I15432" />
140     <display value="Tetanus-Infektion" />
141 </concept>
142 <concept>
143     <code value="I22407" />
144     <display value="Tollwut" />
145 </concept>
146 <concept>
147     <code value="I22433" />
```

```
148     <display value="Tuberkulose" />
149   </concept>
150   <concept>
151     <code value="I22454" />
152     <display value="Typhus" />
153   </concept>
154   <concept>
155     <code value="I15579" />
156     <display value="Windpocken" />
157   </concept>
158 </include>
159 </compose>
160 </ValueSet>
```

59. KBV_VS_MIO_VACCINATION_VACCINE

KBV_VS_MIO_Vaccination_Vaccine

```
1 <ValueSet xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine" />
3   <version value="1.1.0" />
4   <name value="KBV_VS_MIO_Vaccination_Vaccine" />
5   <title value="Vaccine_ATC" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Das Valueset beinhaltet weitere Valuesets zur
Beschreibung der Impfstoffe als SNOMED CT Code. " />
16  <immutable value="false" />
17  <copyright value="Im folgenden Profil können Codes aus den Codesystemen
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PURPOSE." />
18    <compose>
19      <include>
20        <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_List" />
21        <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_Immunoglobulin_List" />
22        <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_Brucella" />
23      </include>
24    </compose>
25  </ValueSet>
```

60. KBV_VS_MIO_VACCINATION_VACCINE_ATC

KBV_VS_MIO_Vaccination_Vaccine_ATC

```
1 <ValueSet xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_ATC" />
3   <version value="1.1.0" />
4   <name value="KBV_VS_MIO_Vaccination_Vaccine_ATC" />
5   <title value="Vaccine_ATC" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Dieses Valueset beinhaltet weitere Valuesets zur
Beschreibung der Impfstoffe als ATC Code." />
16  <immutable value="false" />
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PURPOSE." />
18    <compose>
19      <include>
20        <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_List_ATC" />
21        <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_Immunoglobulin_List_ATC" />
22      </include>
23    </compose>
24  </ValueSet>
```


61. KBV_VS_MIO_VACCINATION_VACCINE_BRUCELLA

KBV_VS_MIO_Vaccination_Vaccine_Brucella

```
1 <ValueSet xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_Brucella" />
3   <version value="1.1.0" />
4   <name value="KBV_VS_MIO_Vaccination_Vaccine_Brucella" />
5   <title value="Vaccine_Brucella" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Dieses Valueset beinhaltet den SNOMED CT® Code zur
Beschreibung des Brucella Impfstoffes." />
16  <immutable value="false" />
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PURPOSE." />
18    <compose>
19      <include>
20        <system value="http://snomed.info/sct" />
21        <version value="http://snomed.info/sct/900000000000207008/version/
2200309" />
22        <concept>
23          <code value="7230005" />
24          <display value="Brucella vaccine (product)" />
25        </concept>
26      </include>
27    </compose>
```


62. KBV_VS_MIO_VACCINATION_VACCINE_IMMUNOGLOBULIN_LIST

KBV_VS_MIO_Vaccination_Vaccine_Immunoglobulin_List

```
1 <ValueSet xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_Vaccination_Vaccine_Immunoglobulin_List" />
3   <version value="1.1.0" />
4   <name value="KBV_VS_MIO_Vaccination_Vaccine_Immunoglobulin_List" />
5   <title value="Immunglobulin" />
6   <status value="active" />
7   <experimental value="false" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <contact>
10    <telecom>
11      <system value="url" />
12      <value value="http://www.kbv.de" />
13    </telecom>
14  </contact>
15  <description value="Das Valueset beinhaltet Codes zur Beschreibung der
Immunglobulin Impfstoffe als SNOMED CT® Code" />
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TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE." />
18  <compose>
19    <include>
20      <system value="http://snomed.info/sct" />
21      <version value="http://snomed.info/sct/900000000000207008/version/
20210131" />
22      <concept>
23        <code value="714569001" />
24        <display value="Product containing normal immunoglobulin human
(medicinal product)" />
25      </concept>
26    </include>
  </compose>
</ValueSet>
```

```

27     <code value="786224004" />
28     <display value="Product containing human anti-D immunoglobulin
(medicinal product)" />
29   </concept>
30   <concept>
31     <code value="384706007" />
32     <display value="Product containing tetanus antitoxin (medicinal
product)" />
33   </concept>
34   <concept>
35     <code value="62294009" />
36     <display value="Product containing Varicella-zoster virus antibody
(medicinal product)" />
37   </concept>
38   <concept>
39     <code value="9542007" />
40     <display value="Product containing Hepatitis B surface antigen
immunoglobulin (medicinal product)" />
41   </concept>
42   <concept>
43     <code value="80834004" />
44     <display value="Product containing rabies human immune globulin
(medicinal product)" />
45   </concept>
46   <concept>
47     <code value="9778000" />
48     <display value="Product containing Cytomegalovirus antibody
(medicinal product)" />
49   </concept>
50   <concept>
51     <code value="108725001" />
52     <display value="Product containing palivizumab (medicinal
product)" />
53   </concept>
54   <concept>
55     <code value="763703008" />
56     <display value="Product containing bezlotoxumab (medicinal
product)" />
57   </concept>
58 </include>
59 </compose>
60 </ValueSet>

```

63. KBV_VS_MIO_VACCINATION_VACCINE_IMMUNOGLOBULIN_LIST_ATC

KBV_VS_MIO_Vaccination_Vaccine_Immunoglobulin_List_ATC	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/
3	KBV_VS_MIO_Vaccination_Vaccine_Immunoglobulin_List_ATC" />
4	<version value="1.1.0" />
5	<name value="KBV_VS_MIO_Vaccination_Vaccine_Immunoglobulin_List_ATC" />
6	<title value="Immunglobulin ATC" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<contact>
11	<telecom>
12	<system value="url" />
13	<value value="http://www.kbv.de" />
14	</telecom>
15	</contact>
16	<description value="Dieses Valueset beinhaltet Codes zur Beschreibung der
17	Impfstoffe als ATC Code." />
18	<immutable value="false" />
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	TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
	PURPOSE." />
18	<compose>
19	<include>
20	<system value="http://fhir.de/CodeSystem/dimdi/atc" />
21	<version value="atcgm2021" />
22	<concept>
23	<code value="J06BA" />
24	<display value="Immunglobuline, normal human" />
25	</concept>
26	<concept>
27	<code value="J06BA01" />

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28     <display value="Immunglobuline, normal human, zur extravasalen
Anwendung" />
29     </concept>
30     <concept>
31         <code value="J06BA02" />
32         <display value="Immunglobuline, normal human, zur intravasalen
Anwendung" />
33     </concept>
34     <concept>
35         <code value="J06BB" />
36         <display value="Spezifische Immunglobuline" />
37     </concept>
38     <concept>
39         <code value="J06BB01" />
40         <display value="Anti-D(rh)-Immunglobulin" />
41     </concept>
42     <concept>
43         <code value="J06BB02" />
44         <display value="Tetanus-Immunglobulin" />
45     </concept>
46     <concept>
47         <code value="J06BB03" />
48         <display value="Varicella/Zoster-Immunglobulin" />
49     </concept>
50     <concept>
51         <code value="J06BB04" />
52         <display value="Hepatitis-B-Immunglobulin" />
53     </concept>
54     <concept>
55         <code value="J06BB05" />
56         <display value="Tollwut-Immunglobulin" />
57     </concept>
58     <concept>
59         <code value="J06BB09" />
60         <display value="Cytomegalievirus-Immunglobulin" />
61     </concept>
62     <concept>
63         <code value="J06BB16" />
64         <display value="Palivizumab" />
65     </concept>
66     <concept>
67         <code value="J06BB21" />
68         <display value="Bezlotoxumab" />
69     </concept>
70 </include>
71 </compose>
72 </ValueSet>

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64. KBV_VS_MIO_VACCINATION_VACCINE_LIST

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1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/
3	KBV_VS_MIO_Vaccination_Vaccine_List" />
4	<version value="1.1.0" />
5	<name value="KBV_VS_MIO_Vaccination_Vaccine_List" />
6	<title value="Vaccine" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<contact>
11	<telecom>
12	<system value="url" />
13	<value value="http://www.kbv.de" />
14	</telecom>
15	</contact>
16	<description value="Dieses ValueSet beinhaltet Codes zur Beschreibung der
17	Impfstoffe als SNOMED CT Code." />
18	<immutable value="false" />
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41	EXPRESS OR IMPLIED WARRANTIES ARE DISCLAIMED, INCLUDING, BUT NOT LIMITED
42	TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
43	PURPOSE." />
44	<compose>
45	<include>
46	<system value="http://snomed.info/sct" />
47	<version value="http://snomed.info/sct/900000000000207008/version/
48	20210131" />
49	<concept>
50	<code value="1119305005" />
51	<display value="Vaccine product containing only Severe acute
52	respiratory syndrome coronavirus 2 antigen (medicinal product)" />
53	</concept>
54	</include>
55	</compose>
56	</ValueSet>

```

27     <code value="1119349007" />
28     <display value="Vaccine product containing only Severe acute
respiratory syndrome coronavirus 2 messenger ribonucleic acid (medicinal
product)" />
29     </concept>
30     <concept>
31         <code value="871875004" />
32         <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae antigens
(medicinal product)" />
33     </concept>
34     <concept>
35         <code value="787859002" />
36         <display value="Vaccine product (medicinal product)" />
37     </concept>
38     <concept>
39         <code value="37146000" />
40         <display value="Typhus vaccine (product)" />
41     </concept>
42     <concept>
43         <code value="2221000221107" />
44         <display value="Vaccine product containing only live attenuated
Human alphaherpesvirus 3 antigen (medicinal product)" />
45     </concept>
46     <concept>
47         <code value="836498007+836388000" />
48         <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Rubella virus
antigen (medicinal product)" />
49     </concept>
50     <concept>
51         <code value="871729003+836380007+601000221108+863911006+836374004+8
71871008" />
52         <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product) + Vaccine
product containing only Neisseria meningitidis serogroup A and C antigens
(medicinal product)" />
53     </concept>
54     <concept>
55         <code value="871891001" />
56         <display value="Vaccine product containing only acellular
Bordetella pertussis and Clostridium tetani and Corynebacterium diphtheriae
and Hepatitis B virus and inactivated whole Human poliovirus antigens
(medicinal product)" />
57     </concept>
58     <concept>
59         <code value="871729003+836380007+601000221108+863911006+836374004"
/>
60         <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Haemophilus influenzae type B antigen (medicinal product) + Vaccine product
containing Bordetella pertussis antigen (medicinal product) + Vaccine
product containing Clostridium tetani antigen (medicinal product) + Vaccine
product containing Hepatitis B virus antigen (medicinal product)" />
61     </concept>
62     <concept>

```



```

63     <code value="871804001" />
64     <display value="Vaccine product containing only Hepatitis A virus
and Salmonella enterica subspecies enterica serovar Typhi antigens
(medicinal product)" />
65   </concept>
66   <concept>
67     <code value="871895005" />
68     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Hepatitis B virus and Human poliovirus
antigens (medicinal product)" />
69   </concept>
70   <concept>
71     <code value="871806004" />
72     <display value="Vaccine product containing only Haemophilus
influenzae type B and Hepatitis B virus antigens (medicinal product)" />
73   </concept>
74   <concept>
75     <code value="871729003+836374004+863911006" />
76     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Hepatitis B virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
77   </concept>
78   <concept>
79     <code value="871887006" />
80     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and
Haemophilus influenzae type B and Human poliovirus antigens (medicinal
product)" />
81   </concept>
82   <concept>
83     <code value="863911006+836374004+601000221108+836381006" />
84     <display value="Vaccine product containing Clostridium tetani
antigen (medicinal product) + Vaccine product containing Hepatitis B virus
antigen (medicinal product) + Vaccine product containing Bordetella
pertussis antigen (medicinal product) + Vaccine product containing
Corynebacterium diphtheriae antigen (medicinal product)" />
85   </concept>
86   <concept>
87     <code value="836380007+1031000221108" />
88     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Human
poliovirus antigen (medicinal product)" />
89   </concept>
90   <concept>
91     <code value="871729003+836388000+863911006" />
92     <display value="Vaccine product containing only Corynebacterium
diphtheriae antigen (medicinal product) + Vaccine product containing
Rubella virus antigen (medicinal product) + Vaccine product containing
Clostridium tetani antigen (medicinal product)" />
93   </concept>
94   <concept>
95     <code value="871878002" />
96     <display value="Vaccine product containing only Bordetella
pertussis and Clostridium tetani and Corynebacterium diphtheriae and Human
poliovirus antigens (medicinal product)" />
97   </concept>
98   <concept>
99     <code value="871837004" />

```

```

100     <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae and Human poliovirus antigens (medicinal
101     </concept>
102     <concept>
103         <code value="871908002" />
104         <display value="Vaccine product containing only Human
alphaherpesvirus 3 and Measles morbillivirus and Mumps orthorubulavirus and
105         </concept>
106         <concept>
107             <code value="836382004+836388000" />
108             <display value="Vaccine product containing Measles morbillivirus
antigen (medicinal product) + Vaccine product containing Rubella virus
109             </concept>
110             <concept>
111                 <code value="871831003" />
112                 <display value="Vaccine product containing only Measles
morbillivirus and Mumps orthorubulavirus and Rubella virus antigens
113                 </concept>
114                 <concept>
115                     <code value="836498007+836382004" />
116                     <display value="Vaccine product containing Mumps orthorubulavirus
antigen (medicinal product) + Vaccine product containing Measles
117                     </concept>
118                     <concept>
119                         <code value="871803007" />
120                         <display value="Vaccine product containing only Hepatitis A and
Hepatitis B virus antigens (medicinal product)" />
121                     </concept>
122                     <concept>
123                         <code value="871826000" />
124                         <display value="Vaccine product containing only Clostridium tetani
and Corynebacterium diphtheriae antigens (medicinal product)" />
125                     </concept>
126                     <concept>
127                         <code value="836398006+836380007" />
128                         <display value="Vaccine product containing Streptococcus pneumoniae
antigen (medicinal product) + Vaccine product containing Haemophilus
129                         </concept>
130                         <concept>
131                             <code value="836500008" />
132                             <display value="Vaccine product containing only Haemophilus
influenzae type B and Neisseria meningitidis serogroup C antigens
133                             </concept>
134                             <concept>
135                                 <code value="836380007+601000221108" />
136                                 <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product) + Vaccine product containing Bordetella
137                                 </concept>
138                                 <concept>
139                                     <code value="836383009+836390004" />

```

```

140     <display value="Vaccine product containing Vibrio cholerae antigen
(medicinal product) + Vaccine product containing Salmonella enterica
subspecies enterica serovar Typhi antigen (medicinal product)" />
141     </concept>
142     <concept>
143         <code value="836378001" />
144         <display value="Vaccine product containing Japanese encephalitis
virus antigen (medicinal product)" />
145     </concept>
146     <concept>
147         <code value="836403007" />
148         <display value="Vaccine product containing Tick-borne encephalitis
virus antigen (medicinal product)" />
149     </concept>
150     <concept>
151         <code value="871738001" />
152         <display value="Vaccine product containing only live attenuated
Mumps orthorubulavirus antigen (medicinal product)" />
153     </concept>
154     <concept>
155         <code value="1031000221108" />
156         <display value="Vaccine product containing Human poliovirus antigen
(medicinal product)" />
157     </concept>
158     <concept>
159         <code value="836387005" />
160         <display value="Vaccine product containing Rotavirus antigen
(medicinal product)" />
161     </concept>
162     <concept>
163         <code value="836393002" />
164         <display value="Vaccine product containing Rabies lyssavirus
antigen (medicinal product)" />
165     </concept>
166     <concept>
167         <code value="836495005" />
168         <display value="Vaccine product containing Human alphaherpesvirus 3
antigen (medicinal product)" />
169     </concept>
170     <concept>
171         <code value="836389008" />
172         <display value="Vaccine product containing Vaccinia virus antigen
(medicinal product)" />
173     </concept>
174     <concept>
175         <code value="836379009" />
176         <display value="Vaccine product containing Human papillomavirus
antigen (medicinal product)" />
177     </concept>
178     <concept>
179         <code value="836385002" />
180         <display value="Vaccine product containing Yellow fever virus
antigen (medicinal product)" />
181     </concept>
182     <concept>
183         <code value="836388000" />
184         <display value="Vaccine product containing Rubella virus antigen
(medicinal product)" />
185     </concept>
186     <concept>

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187     <code value="836382004" />
188     <display value="Vaccine product containing Measles morbillivirus
antigen (medicinal product)" />
189   </concept>
190   <concept>
191     <code value="836375003" />
192     <display value="Vaccine product containing Hepatitis A virus
antigen (medicinal product)" />
193   </concept>
194   <concept>
195     <code value="836374004" />
196     <display value="Vaccine product containing Hepatitis B virus
antigen (medicinal product)" />
197   </concept>
198   <concept>
199     <code value="836377006" />
200     <display value="Vaccine product containing Influenza virus antigen
(medicinal product)" />
201   </concept>
202   <concept>
203     <code value="836390004" />
204     <display value="Vaccine product containing Salmonella enterica
subspecies enterica serovar Typhi antigen (medicinal product)" />
205   </concept>
206   <concept>
207     <code value="836402002" />
208     <display value="Vaccine product containing live attenuated
Mycobacterium bovis antigen (medicinal product)" />
209   </concept>
210   <concept>
211     <code value="863911006" />
212     <display value="Vaccine product containing Clostridium tetani
antigen (medicinal product)" />
213   </concept>
214   <concept>
215     <code value="836398006" />
216     <display value="Vaccine product containing Streptococcus pneumoniae
antigen (medicinal product)" />
217   </concept>
218   <concept>
219     <code value="840549009" />
220     <display value="Vaccine product containing Yersinia pestis antigen
(medicinal product)" />
221   </concept>
222   <concept>
223     <code value="601000221108" />
224     <display value="Vaccine product containing Bordetella pertussis
antigen (medicinal product)" />
225   </concept>
226   <concept>
227     <code value="836401009" />
228     <display value="Vaccine product containing Neisseria meningitidis
antigen (medicinal product)" />
229   </concept>
230   <concept>
231     <code value="836380007" />
232     <display value="Vaccine product containing Haemophilus influenzae
type B antigen (medicinal product)" />
233   </concept>
234   <concept>

```

```
235     <code value="836381006" />
236     <display value="Vaccine product containing Corynebacterium
diphtheriae antigen (medicinal product)" />
237   </concept>
238   <concept>
239     <code value="836383009" />
240     <display value="Vaccine product containing Vibrio cholerae antigen
(medicinal product)" />
241   </concept>
242   <concept>
243     <code value="836384003" />
244     <display value="Vaccine product containing Bacillus anthracis
antigen (medicinal product)" />
245   </concept>
246 </include>
247 </compose>
248 </ValueSet>
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65. KBV_VS_MIO_VACCINATION_VACCINE_LIST_ATC

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1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/
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4	<version value="1.1.0" />
5	<name value="KBV_VS_MIO_Vaccination_Vaccine_List_ATC" />
6	<title value="Vaccine_ATC" />
7	<status value="active" />
8	<experimental value="false" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<contact>
11	<telecom>
12	<system value="url" />
13	<value value="http://www.kbv.de" />
14	</telecom>
15	</contact>
16	<description value="Dieses Valueset enthält die Codes zur Beschreibung
17	der Impfstoffe als ATC Code" />
18	<immutable value="false" />
19	<copyright value="Im folgenden Profil können Codes aus den Codesystemen
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	TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
	PURPOSE." />
18	<compose>
19	<include>
20	<system value="http://fhir.de/CodeSystem/dimdi/atc" />
21	<version value="atcgm2021" />
22	<concept>
23	<code value="J07AR" />
24	<display value="Typhus (exanthematicus)-Impfstoff" />
25	</concept>
26	<concept>
27	<code value="J07AR01" />
28	<display value="Typhus exanthematicus, inaktiviert, ganze Zelle" />

```

29     </concept>
30     <concept>
31         <code value="J07AC" />
32         <display value="Milzbrand-Impfstoffe" />
33     </concept>
34     <concept>
35         <code value="J07AC01" />
36         <display value="Anthrax-Antigen" />
37     </concept>
38     <concept>
39         <code value="J07AD" />
40         <display value="Brucellose-Impfstoffe" />
41     </concept>
42     <concept>
43         <code value="J07AD01" />
44         <display value="Brucella-Antigen" />
45     </concept>
46     <concept>
47         <code value="J07AE" />
48         <display value="Cholera-Impfstoffe" />
49     </concept>
50     <concept>
51         <code value="J07AE01" />
52         <display value="Cholera, inaktiviert, ganze Zelle" />
53     </concept>
54     <concept>
55         <code value="J07AE02" />
56         <display value="Cholera, lebend abgeschwächt" />
57     </concept>
58     <concept>
59         <code value="J07AE51" />
60         <display value="Cholera, Kombinationen mit Typhus-Impfstoff,
inaktiviert, ganze Zelle" />
61     </concept>
62     <concept>
63         <code value="J07AF" />
64         <display value="Diphtherie-Impfstoffe" />
65     </concept>
66     <concept>
67         <code value="J07AF01" />
68         <display value="Diphtherie-Toxoid" />
69     </concept>
70     <concept>
71         <code value="J07AG" />
72         <display value="Haemophilus influenzae B-Impfstoffe" />
73     </concept>
74     <concept>
75         <code value="J07AG01" />
76         <display value="Haemophilus influenzae B, gereinigtes Antigen
konjugiert" />
77     </concept>
78     <concept>
79         <code value="J07AG51" />
80         <display value="Haemophilus influenzae B, Kombinationen mit
Toxoiden" />
81     </concept>
82     <concept>
83         <code value="J07AG52" />
84         <display value="Haemophilus influenzae B, Kombinationen mit
Pertussis und Toxoiden" />

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85     </concept>
86     <concept>
87         <code value="J07AG53" />
88         <display value="Haemophilus influenzae B, Kombinationen mit
Meningokokken C, konjugiert" />
89     </concept>
90     <concept>
91         <code value="J07AH" />
92         <display value="Meningokokken-Impfstoffe" />
93     </concept>
94     <concept>
95         <code value="J07AH01" />
96         <display value="Meningokokken A, gereinigtes Polysaccharid-
Antigen" />
97     </concept>
98     <concept>
99         <code value="J07AH02" />
100        <display value="Andere Meningokokken monovalent, gereinigtes
Polysaccharid-Antigen" />
101     </concept>
102     <concept>
103         <code value="J07AH03" />
104         <display value="Meningokokken bivalent (A, C), gereinigtes
Polysaccharid-Antigen" />
105     </concept>
106     <concept>
107         <code value="J07AH04" />
108         <display value="Meningokokken tetravalent (A, C, Y, W-135),
gereinigtes Polysaccharid-Antigen" />
109     </concept>
110     <concept>
111         <code value="J07AH05" />
112         <display value="Andere Meningokokken polyvalent, gereinigtes
Polysaccharid-Antigen" />
113     </concept>
114     <concept>
115         <code value="J07AH06" />
116         <display value="Meningokokken B, äußere Vesikelmembran-Impfstoff" /
>
117     </concept>
118     <concept>
119         <code value="J07AH07" />
120         <display value="Meningokokken C, gereinigtes Polysaccharid-Antigen,
konjugiert" />
121     </concept>
122     <concept>
123         <code value="J07AH08" />
124         <display value="Meningokokken tetravalent (A, C, Y, W-135),
gereinigtes Polysaccharid-Antigen, konjugiert" />
125     </concept>
126     <concept>
127         <code value="J07AH09" />
128         <display value="Meningokokken B, Multikomponenten-Impfstoff" />
129     </concept>
130     <concept>
131         <code value="J07AH10" />
132         <display value="Meningokokken A, gereinigtes Polysaccharid-Antigen,
konjugiert" />
133     </concept>
134     <concept>

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135     <code value="J07AJ" />
136     <display value="Pertussis-Impfstoffe" />
137 </concept>
138 <concept>
139     <code value="J07AJ01" />
140     <display value="Pertussis, inaktiviert, ganze Zelle" />
141 </concept>
142 <concept>
143     <code value="J07AJ02" />
144     <display value="Pertussis, gereinigtes Antigen" />
145 </concept>
146 <concept>
147     <code value="J07AJ51" />
148     <display value="Pertussis, inaktiviert, ganze Zelle, Kombinationen
mit Toxoiden" />
149 </concept>
150 <concept>
151     <code value="J07AJ52" />
152     <display value="Pertussis, gereinigtes Antigen, Kombinationen mit
Toxoiden" />
153 </concept>
154 <concept>
155     <code value="J07AK" />
156     <display value="Pest-Impfstoffe" />
157 </concept>
158 <concept>
159     <code value="J07AK01" />
160     <display value="Pest, inaktiviert, ganze Zelle" />
161 </concept>
162 <concept>
163     <code value="J07AL" />
164     <display value="Pneumokokken-Impfstoffe" />
165 </concept>
166 <concept>
167     <code value="J07AL01" />
168     <display value="Pneumokokken, gereinigtes Polysaccharid-Antigen" />
169 </concept>
170 <concept>
171     <code value="J07AL02" />
172     <display value="Pneumokokken, gereinigtes Polysaccharid-Antigen,
konjugiert" />
173 </concept>
174 <concept>
175     <code value="J07AL52" />
176     <display value="Pneumokokken, gereinigtes Polysaccharid-Antigen
und Haemophilus influenzae B, konjugiert" />
177 </concept>
178 <concept>
179     <code value="J07AM" />
180     <display value="Tetanus-Impfstoffe" />
181 </concept>
182 <concept>
183     <code value="J07AM01" />
184     <display value="Tetanus-Toxoid" />
185 </concept>
186 <concept>
187     <code value="J07AM51" />
188     <display value="Tetanus-Toxoid, Kombinationen mit Diphtherie-
Toxoid" />
189 </concept>

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190     <concept>
191         <code value="J07AM52" />
192         <display value="Tetanus-Toxoid, Kombinationen mit Tetanus-
Immunglobulin" />
193     </concept>
194     <concept>
195         <code value="J07AN" />
196         <display value="Tuberkulose-Impfstoffe" />
197     </concept>
198     <concept>
199         <code value="J07AN01" />
200         <display value="Tuberkulose, lebend abgeschwächt" />
201     </concept>
202     <concept>
203         <code value="J07AP" />
204         <display value="Typhus-Impfstoffe" />
205     </concept>
206     <concept>
207         <code value="J07AP01" />
208         <display value="Typhus, oral, lebend abgeschwächt" />
209     </concept>
210     <concept>
211         <code value="J07AP02" />
212         <display value="Typhus, inaktiviert, ganze Zelle" />
213     </concept>
214     <concept>
215         <code value="J07AP03" />
216         <display value="Typhus, gereinigtes Polysaccharid-Antigen" />
217     </concept>
218     <concept>
219         <code value="J07AP10" />
220         <display value="Typhus, Kombinationen mit Paratyphustypen" />
221     </concept>
222     <concept>
223         <code value="J07BA" />
224         <display value="Encephalitis-Impfstoffe" />
225     </concept>
226     <concept>
227         <code value="J07BA01" />
228         <display value="FSME, inaktiviert, ganzes Virus" />
229     </concept>
230     <concept>
231         <code value="J07BA02" />
232         <display value="Encephalitis, japanische, inaktiviert, ganzes
Virus" />
233     </concept>
234     <concept>
235         <code value="J07BA03" />
236         <display value="Encephalitis, japanische, lebend abgeschwächt" />
237     </concept>
238     <concept>
239         <code value="J07BB" />
240         <display value="Influenza-Impfstoffe" />
241     </concept>
242     <concept>
243         <code value="J07BB01" />
244         <display value="Influenza, inaktiviert, ganzes Virus" />
245     </concept>
246     <concept>
247         <code value="J07BB02" />

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248     <display value="Influenza, inaktiviert, Spaltvirus oder
Oberflächenantigen" />
249   </concept>
250   <concept>
251     <code value="J07BB03" />
252     <display value="Influenza, lebend abgeschwächt" />
253   </concept>
254   <concept>
255     <code value="J07BC" />
256     <display value="Hepatitis-Impfstoffe" />
257   </concept>
258   <concept>
259     <code value="J07BC01" />
260     <display value="Hepatitis B, gereinigtes Antigen" />
261   </concept>
262   <concept>
263     <code value="J07BC02" />
264     <display value="Hepatitis A, inaktiviert, ganzes Virus" />
265   </concept>
266   <concept>
267     <code value="J07BC03" />
268     <display value="Hepatitis A, gereinigtes Antigen" />
269   </concept>
270   <concept>
271     <code value="J07BC20" />
272     <display value="Kombinationen" />
273   </concept>
274   <concept>
275     <code value="J07BD" />
276     <display value="Masern-Impfstoffe" />
277   </concept>
278   <concept>
279     <code value="J07BD01" />
280     <display value="Masern, lebend abgeschwächt" />
281   </concept>
282   <concept>
283     <code value="J07BD51" />
284     <display value="Masern, Kombinationen mit Mumps, lebend
abgeschwächt" />
285   </concept>
286   <concept>
287     <code value="J07BD52" />
288     <display value="Masern, Kombinationen mit Mumps und Röteln, lebend
abgeschwächt" />
289   </concept>
290   <concept>
291     <code value="J07BD53" />
292     <display value="Masern, Kombinationen mit Röteln, lebend
abgeschwächt" />
293   </concept>
294   <concept>
295     <code value="J07BD54" />
296     <display value="Masern, Kombinationen mit Mumps, Röteln und
Varicella, lebend abgeschwächt" />
297   </concept>
298   <concept>
299     <code value="J07BE" />
300     <display value="Mumps-Impfstoffe" />
301   </concept>
302   <concept>

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303     <code value="J07BE01" />
304     <display value="Mumps, lebend abgeschwächt" />
305 </concept>
306 <concept>
307     <code value="J07BF" />
308     <display value="Poliomyelitis-Impfstoffe" />
309 </concept>
310 <concept>
311     <code value="J07BF01" />
312     <display value="Poliomyelitis, oral, monovalent, lebend
abgeschwächt" />
313 </concept>
314 <concept>
315     <code value="J07BF02" />
316     <display value="Poliomyelitis, oral, trivalent, lebend
abgeschwächt" />
317 </concept>
318 <concept>
319     <code value="J07BF03" />
320     <display value="Poliomyelitis, trivalent, inaktiviert, ganzes
Virus" />
321 </concept>
322 <concept>
323     <code value="J07BF04" />
324     <display value="Poliomyelitis, oral, bivalent, lebend
abgeschwächt" />
325 </concept>
326 <concept>
327     <code value="J07BG" />
328     <display value="Tollwut-Impfstoffe" />
329 </concept>
330 <concept>
331     <code value="J07BG01" />
332     <display value="Tollwut, inaktiviert, ganzes Virus" />
333 </concept>
334 <concept>
335     <code value="J07BH" />
336     <display value="Rotavirus-Diarrhoe-Impfstoffe" />
337 </concept>
338 <concept>
339     <code value="J07BH01" />
340     <display value="Rotavirus, lebend abgeschwächt" />
341 </concept>
342 <concept>
343     <code value="J07BH02" />
344     <display value="Rotavirus, pentavalent, lebend, Reassortanten" />
345 </concept>
346 <concept>
347     <code value="J07BJ" />
348     <display value="Röteln-Impfstoffe" />
349 </concept>
350 <concept>
351     <code value="J07BJ01" />
352     <display value="Röteln, lebend abgeschwächt" />
353 </concept>
354 <concept>
355     <code value="J07BJ51" />
356     <display value="Röteln, Kombinationen mit Mumps, lebend
abgeschwächt" />
357 </concept>

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358 <concept>
359   <code value="J07BK" />
360   <display value="Varicella Zoster Impfstoffe" />
361 </concept>
362 <concept>
363   <code value="J07BK01" />
364   <display value="Varicella, lebend abgeschwächt" />
365 </concept>
366 <concept>
367   <code value="J07BK02" />
368   <display value="Zoster Virus, lebend abgeschwächt" />
369 </concept>
370 <concept>
371   <code value="J07BK03" />
372   <display value="Zoster Virus, gereinigtes Antigen" />
373 </concept>
374 <concept>
375   <code value="J07BL" />
376   <display value="Gelbfieber-Impfstoffe" />
377 </concept>
378 <concept>
379   <code value="J07BL01" />
380   <display value="Gelbfieber, lebend abgeschwächt" />
381 </concept>
382 <concept>
383   <code value="J07BM" />
384   <display value="Papillomvirus-Impfstoffe" />
385 </concept>
386 <concept>
387   <code value="J07BM01" />
388   <display value="Humaner-Papillomvirus-Impfstoff (Typen
219 6,11,16,18)" />
389 </concept>
390 <concept>
391   <code value="J07BM02" />
392   <display value="Humaner-Papillomvirus-Impfstoff (Typen 16,18)" />
393 </concept>
394 <concept>
395   <code value="J07BM03" />
396   <display value="Humaner-Papillomvirus-Impfstoff (Typen
220 6,11,16,18,31,33,45,52,58)" />
397 </concept>
398 <concept>
399   <code value="J07BX" />
400   <display value="Andere virale Impfstoffe" />
401 </concept>
402 <concept>
403   <code value="J07BX01" />
404   <display value="Pocken-Impfstoff, lebend, modifiziert" />
405 </concept>
406 <concept>
407   <code value="J07BX03" />
408   <display value="Covid-19-Impfstoffe" />
409 </concept>
410 <concept>
411   <code value="J07CA" />
412   <display value="Bakterielle und virale Impfstoffe, kombiniert" />
413 </concept>
414 <concept>
415   <code value="J07CA01" />

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416     <display value="Diphtherie-Poliomyelitis-Tetanus" />
417 </concept>
418 <concept>
419     <code value="J07CA02" />
420     <display value="Diphtherie-Pertussis-Poliomyelitis-Tetanus" />
421 </concept>
422 <concept>
423     <code value="J07CA03" />
424     <display value="Diphtherie-Röteln-Tetanus" />
425 </concept>
426 <concept>
427     <code value="J07CA04" />
428     <display value="Haemophilus influenzae B und Poliomyelitis" />
429 </concept>
430 <concept>
431     <code value="J07CA05" />
432     <display value="Diphtherie-Hepatitis B-Pertussis-Tetanus" />
433 </concept>
434 <concept>
435     <code value="J07CA06" />
436     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Poliomyelitis-Tetanus" />
437 </concept>
438 <concept>
439     <code value="J07CA07" />
440     <display value="Diphtherie-Hepatitis B-Tetanus" />
441 </concept>
442 <concept>
443     <code value="J07CA08" />
444     <display value="Haemophilus influenzae B und Hepatitis B" />
445 </concept>
446 <concept>
447     <code value="J07CA09" />
448     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Poliomyelitis-Tetanus-Hepatitis B" />
449 </concept>
450 <concept>
451     <code value="J07CA10" />
452     <display value="Typhus-Hepatitis A" />
453 </concept>
454 <concept>
455     <code value="J07CA11" />
456     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Tetanus-Hepatitis B" />
457 </concept>
458 <concept>
459     <code value="J07CA12" />
460     <display value="Diphtherie-Pertussis-Poliomyelitis-Tetanus-
Hepatitis B" />
461 </concept>
462 <concept>
463     <code value="J07CA13" />
464     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Tetanus-Hepatitis B-Meningokokken A + C" />
465 </concept>
466 </include>
467 </compose>
468 <expansion>
469     <timestamp value="2021-01-22T12:30:02Z" />
470 <contains>

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471     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
472     <version value="atcgm2021" />
473     <code value="J07AR" />
474     <display value="Typhus (exanthematicus)-Impfstoff" />
475 </contains>
476 <contains>
477     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
478     <version value="atcgm2021" />
479     <code value="J07AR01" />
480     <display value="Typhus exanthematicus, inaktiviert, ganze Zelle" />
481 </contains>
482 <contains>
483     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
484     <version value="atcgm2021" />
485     <code value="J07AC" />
486     <display value="Milzbrand-Impfstoffe" />
487 </contains>
488 <contains>
489     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
490     <version value="atcgm2021" />
491     <code value="J07AC01" />
492     <display value="Anthrax-Antigen" />
493 </contains>
494 <contains>
495     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
496     <version value="atcgm2021" />
497     <code value="J07AD" />
498     <display value="Brucellose-Impfstoffe" />
499 </contains>
500 <contains>
501     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
502     <version value="atcgm2021" />
503     <code value="J07AD01" />
504     <display value="Brucella-Antigen" />
505 </contains>
506 <contains>
507     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
508     <version value="atcgm2021" />
509     <code value="J07AE" />
510     <display value="Cholera-Impfstoffe" />
511 </contains>
512 <contains>
513     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
514     <version value="atcgm2021" />
515     <code value="J07AE01" />
516     <display value="Cholera, inaktiviert, ganze Zelle" />
517 </contains>
518 <contains>
519     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
520     <version value="atcgm2021" />
521     <code value="J07AE02" />
522     <display value="Cholera, lebend abgeschwächt" />
523 </contains>
524 <contains>
525     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
526     <version value="atcgm2021" />
527     <code value="J07AE51" />
528     <display value="Cholera, Kombinationen mit Typhus-Impfstoff,
inaktiviert, ganze Zelle" />
529 </contains>

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530 <contains>
531   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
532   <version value="atcgm2021" />
533   <code value="J07AF" />
534   <display value="Diphtherie-Impfstoffe" />
535 </contains>
536 <contains>
537   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
538   <version value="atcgm2021" />
539   <code value="J07AF01" />
540   <display value="Diphtherie-Toxoid" />
541 </contains>
542 <contains>
543   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
544   <version value="atcgm2021" />
545   <code value="J07AG" />
546   <display value="Haemophilus influenzae B-Impfstoffe" />
547 </contains>
548 <contains>
549   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
550   <version value="atcgm2021" />
551   <code value="J07AG01" />
552   <display value="Haemophilus influenzae B, gereinigtes Antigen
konjugiert" />
553 </contains>
554 <contains>
555   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
556   <version value="atcgm2021" />
557   <code value="J07AG51" />
558   <display value="Haemophilus influenzae B, Kombinationen mit
Toxoiden" />
559 </contains>
560 <contains>
561   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
562   <version value="atcgm2021" />
563   <code value="J07AG52" />
564   <display value="Haemophilus influenzae B, Kombinationen mit Pertussis
und Toxoiden" />
565 </contains>
566 <contains>
567   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
568   <version value="atcgm2021" />
569   <code value="J07AG53" />
570   <display value="Haemophilus influenzae B, Kombinationen mit
Meningokokken C, konjugiert" />
571 </contains>
572 <contains>
573   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
574   <version value="atcgm2021" />
575   <code value="J07AH" />
576   <display value="Meningokokken-Impfstoffe" />
577 </contains>
578 <contains>
579   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
580   <version value="atcgm2021" />
581   <code value="J07AH01" />
582   <display value="Meningokokken A, gereinigtes Polysaccharid-Antigen" /
>
583 </contains>
584 <contains>

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585     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
586     <version value="atcgm2021" />
587     <code value="J07AH02" />
588     <display value="Andere Meningokokken monovalent, gereinigtes
Polysaccharid-Antigen" />
589   </contains>
590   <contains>
591     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
592     <version value="atcgm2021" />
593     <code value="J07AH03" />
594     <display value="Meningokokken bivalent (A, C), gereinigtes
Polysaccharid-Antigen" />
595   </contains>
596   <contains>
597     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
598     <version value="atcgm2021" />
599     <code value="J07AH04" />
600     <display value="Meningokokken tetravalent (A, C, Y, W-135),
gereinigtes Polysaccharid-Antigen" />
601   </contains>
602   <contains>
603     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
604     <version value="atcgm2021" />
605     <code value="J07AH05" />
606     <display value="Andere Meningokokken polyvalent, gereinigtes
Polysaccharid-Antigen" />
607   </contains>
608   <contains>
609     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
610     <version value="atcgm2021" />
611     <code value="J07AH06" />
612     <display value="Meningokokken B, äußere Vesikelmembran-Impfstoff" />
613   </contains>
614   <contains>
615     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
616     <version value="atcgm2021" />
617     <code value="J07AH07" />
618     <display value="Meningokokken C, gereinigtes Polysaccharid-Antigen,
konjugiert" />
619   </contains>
620   <contains>
621     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
622     <version value="atcgm2021" />
623     <code value="J07AH08" />
624     <display value="Meningokokken tetravalent (A, C, Y, W-135),
gereinigtes Polysaccharid-Antigen, konjugiert" />
625   </contains>
626   <contains>
627     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
628     <version value="atcgm2021" />
629     <code value="J07AH09" />
630     <display value="Meningokokken B, Multikomponenten-Impfstoff" />
631   </contains>
632   <contains>
633     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
634     <version value="atcgm2021" />
635     <code value="J07AH10" />
636     <display value="Meningokokken A, gereinigtes Polysaccharid-Antigen,
konjugiert" />
637   </contains>

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638 <contains>
639   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
640   <version value="atcgm2021" />
641   <code value="J07AJ" />
642   <display value="Pertussis-Impfstoffe" />
643 </contains>
644 <contains>
645   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
646   <version value="atcgm2021" />
647   <code value="J07AJ01" />
648   <display value="Pertussis, inaktiviert, ganze Zelle" />
649 </contains>
650 <contains>
651   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
652   <version value="atcgm2021" />
653   <code value="J07AJ02" />
654   <display value="Pertussis, gereinigtes Antigen" />
655 </contains>
656 <contains>
657   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
658   <version value="atcgm2021" />
659   <code value="J07AJ51" />
660   <display value="Pertussis, inaktiviert, ganze Zelle, Kombinationen
mit Toxoiden" />
661 </contains>
662 <contains>
663   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
664   <version value="atcgm2021" />
665   <code value="J07AJ52" />
666   <display value="Pertussis, gereinigtes Antigen, Kombinationen mit
Toxoiden" />
667 </contains>
668 <contains>
669   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
670   <version value="atcgm2021" />
671   <code value="J07AK" />
672   <display value="Pest-Impfstoffe" />
673 </contains>
674 <contains>
675   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
676   <version value="atcgm2021" />
677   <code value="J07AK01" />
678   <display value="Pest, inaktiviert, ganze Zelle" />
679 </contains>
680 <contains>
681   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
682   <version value="atcgm2021" />
683   <code value="J07AL" />
684   <display value="Pneumokokken-Impfstoffe" />
685 </contains>
686 <contains>
687   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
688   <version value="atcgm2021" />
689   <code value="J07AL01" />
690   <display value="Pneumokokken, gereinigtes Polysaccharid-Antigen" />
691 </contains>
692 <contains>
693   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
694   <version value="atcgm2021" />
695   <code value="J07AL02" />

```

```

696     <display value="Pneumokokken, gereinigtes Polysaccharid-Antigen,
konjugiert" />
697   </contains>
698   <contains>
699     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
700     <version value="atcgm2021" />
701     <code value="J07AL52" />
702     <display value="Pneumokokken, gereinigtes Polysaccharid-Antigen und
Haemophilus influenzae B, konjugiert" />
703   </contains>
704   <contains>
705     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
706     <version value="atcgm2021" />
707     <code value="J07AM" />
708     <display value="Tetanus-Impfstoffe" />
709   </contains>
710   <contains>
711     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
712     <version value="atcgm2021" />
713     <code value="J07AM01" />
714     <display value="Tetanus-Toxoid" />
715   </contains>
716   <contains>
717     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
718     <version value="atcgm2021" />
719     <code value="J07AM51" />
720     <display value="Tetanus-Toxoid, Kombinationen mit Diphtherie-
Toxoid" />
721   </contains>
722   <contains>
723     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
724     <version value="atcgm2021" />
725     <code value="J07AM52" />
726     <display value="Tetanus-Toxoid, Kombinationen mit Tetanus-
Immunglobulin" />
727   </contains>
728   <contains>
729     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
730     <version value="atcgm2021" />
731     <code value="J07AN" />
732     <display value="Tuberkulose-Impfstoffe" />
733   </contains>
734   <contains>
735     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
736     <version value="atcgm2021" />
737     <code value="J07AN01" />
738     <display value="Tuberkulose, lebend abgeschwächt" />
739   </contains>
740   <contains>
741     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
742     <version value="atcgm2021" />
743     <code value="J07AP" />
744     <display value="Typhus-Impfstoffe" />
745   </contains>
746   <contains>
747     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
748     <version value="atcgm2021" />
749     <code value="J07AP01" />
750     <display value="Typhus, oral, lebend abgeschwächt" />
751   </contains>

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752 <contains>
753   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
754   <version value="atcgm2021" />
755   <code value="J07AP02" />
756   <display value="Typhus, inaktiviert, ganze Zelle" />
757 </contains>
758 <contains>
759   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
760   <version value="atcgm2021" />
761   <code value="J07AP03" />
762   <display value="Typhus, gereinigtes Polysaccharid-Antigen" />
763 </contains>
764 <contains>
765   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
766   <version value="atcgm2021" />
767   <code value="J07AP10" />
768   <display value="Typhus, Kombinationen mit Paratyphustypen" />
769 </contains>
770 <contains>
771   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
772   <version value="atcgm2021" />
773   <code value="J07BA" />
774   <display value="Encephalitis-Impfstoffe" />
775 </contains>
776 <contains>
777   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
778   <version value="atcgm2021" />
779   <code value="J07BA01" />
780   <display value="FSME, inaktiviert, ganzes Virus" />
781 </contains>
782 <contains>
783   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
784   <version value="atcgm2021" />
785   <code value="J07BA02" />
786   <display value="Encephalitis, japanische, inaktiviert, ganzes
Virus" />
787 </contains>
788 <contains>
789   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
790   <version value="atcgm2021" />
791   <code value="J07BA03" />
792   <display value="Encephalitis, japanische, lebend abgeschwächt" />
793 </contains>
794 <contains>
795   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
796   <version value="atcgm2021" />
797   <code value="J07BB" />
798   <display value="Influenza-Impfstoffe" />
799 </contains>
800 <contains>
801   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
802   <version value="atcgm2021" />
803   <code value="J07BB01" />
804   <display value="Influenza, inaktiviert, ganzes Virus" />
805 </contains>
806 <contains>
807   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
808   <version value="atcgm2021" />
809   <code value="J07BB02" />

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810     <display value="Influenza, inaktiviert, Spaltvirus oder
Oberflächenantigen" />
811 </contains>
812 <contains>
813     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
814     <version value="atcgm2021" />
815     <code value="J07BB03" />
816     <display value="Influenza, lebend abgeschwächt" />
817 </contains>
818 <contains>
819     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
820     <version value="atcgm2021" />
821     <code value="J07BC" />
822     <display value="Hepatitis-Impfstoffe" />
823 </contains>
824 <contains>
825     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
826     <version value="atcgm2021" />
827     <code value="J07BC01" />
828     <display value="Hepatitis B, gereinigtes Antigen" />
829 </contains>
830 <contains>
831     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
832     <version value="atcgm2021" />
833     <code value="J07BC02" />
834     <display value="Hepatitis A, inaktiviert, ganzes Virus" />
835 </contains>
836 <contains>
837     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
838     <version value="atcgm2021" />
839     <code value="J07BC03" />
840     <display value="Hepatitis A, gereinigtes Antigen" />
841 </contains>
842 <contains>
843     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
844     <version value="atcgm2021" />
845     <code value="J07BC20" />
846     <display value="Kombinationen" />
847 </contains>
848 <contains>
849     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
850     <version value="atcgm2021" />
851     <code value="J07BD" />
852     <display value="Masern-Impfstoffe" />
853 </contains>
854 <contains>
855     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
856     <version value="atcgm2021" />
857     <code value="J07BD01" />
858     <display value="Masern, lebend abgeschwächt" />
859 </contains>
860 <contains>
861     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
862     <version value="atcgm2021" />
863     <code value="J07BD51" />
864     <display value="Masern, Kombinationen mit Mumps, lebend
abgeschwächt" />
865 </contains>
866 <contains>
867     <system value="http://fhir.de/CodeSystem/dimdi/atc" />

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868     <version value="atcgm2021" />
869     <code value="J07BD52" />
870     <display value="Masern, Kombinationen mit Mumps und Röteln, lebend
abgeschwächt" />
871   </contains>
872   <contains>
873     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
874     <version value="atcgm2021" />
875     <code value="J07BD53" />
876     <display value="Masern, Kombinationen mit Röteln, lebend
abgeschwächt" />
877   </contains>
878   <contains>
879     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
880     <version value="atcgm2021" />
881     <code value="J07BD54" />
882     <display value="Masern, Kombinationen mit Mumps, Röteln und
Varicella, lebend abgeschwächt" />
883   </contains>
884   <contains>
885     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
886     <version value="atcgm2021" />
887     <code value="J07BE" />
888     <display value="Mumps-Impfstoffe" />
889   </contains>
890   <contains>
891     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
892     <version value="atcgm2021" />
893     <code value="J07BE01" />
894     <display value="Mumps, lebend abgeschwächt" />
895   </contains>
896   <contains>
897     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
898     <version value="atcgm2021" />
899     <code value="J07BF" />
900     <display value="Poliomyelitis-Impfstoffe" />
901   </contains>
902   <contains>
903     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
904     <version value="atcgm2021" />
905     <code value="J07BF01" />
906     <display value="Poliomyelitis, oral, monovalent, lebend
abgeschwächt" />
907   </contains>
908   <contains>
909     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
910     <version value="atcgm2021" />
911     <code value="J07BF02" />
912     <display value="Poliomyelitis, oral, trivalent, lebend
abgeschwächt" />
913   </contains>
914   <contains>
915     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
916     <version value="atcgm2021" />
917     <code value="J07BF03" />
918     <display value="Poliomyelitis, trivalent, inaktiviert, ganzes
Virus" />
919   </contains>
920   <contains>
921     <system value="http://fhir.de/CodeSystem/dimdi/atc" />

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922     <version value="atcgm2021" />
923     <code value="J07BF04" />
924     <display value="Poliomyelitis, oral, bivalent, lebend abgeschwächt" /
>
925 </contains>
926 <contains>
927     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
928     <version value="atcgm2021" />
929     <code value="J07BG" />
930     <display value="Tollwut-Impfstoffe" />
931 </contains>
932 <contains>
933     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
934     <version value="atcgm2021" />
935     <code value="J07BG01" />
936     <display value="Tollwut, inaktiviert, ganzes Virus" />
937 </contains>
938 <contains>
939     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
940     <version value="atcgm2021" />
941     <code value="J07BH" />
942     <display value="Rotavirus-Diarrhoe-Impfstoffe" />
943 </contains>
944 <contains>
945     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
946     <version value="atcgm2021" />
947     <code value="J07BH01" />
948     <display value="Rotavirus, lebend abgeschwächt" />
949 </contains>
950 <contains>
951     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
952     <version value="atcgm2021" />
953     <code value="J07BH02" />
954     <display value="Rotavirus, pentavalent, lebend, Reassortanten" />
955 </contains>
956 <contains>
957     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
958     <version value="atcgm2021" />
959     <code value="J07BJ" />
960     <display value="Röteln-Impfstoffe" />
961 </contains>
962 <contains>
963     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
964     <version value="atcgm2021" />
965     <code value="J07BJ01" />
966     <display value="Röteln, lebend abgeschwächt" />
967 </contains>
968 <contains>
969     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
970     <version value="atcgm2021" />
971     <code value="J07BJ51" />
972     <display value="Röteln, Kombinationen mit Mumps, lebend
abgeschwächt" />
973 </contains>
974 <contains>
975     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
976     <version value="atcgm2021" />
977     <code value="J07BK" />
978     <display value="Varicella Zoster Impfstoffe" />
979 </contains>

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980 <contains>
981   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
982   <version value="atcgm2021" />
983   <code value="J07BK01" />
984   <display value="Varicella, lebend abgeschwächt" />
985 </contains>
986 <contains>
987   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
988   <version value="atcgm2021" />
989   <code value="J07BK02" />
990   <display value="Zoster Virus, lebend abgeschwächt" />
991 </contains>
992 <contains>
993   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
994   <version value="atcgm2021" />
995   <code value="J07BK03" />
996   <display value="Zoster Virus, gereinigtes Antigen" />
997 </contains>
998 <contains>
999   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1000   <version value="atcgm2021" />
1001   <code value="J07BL" />
1002   <display value="Gelbfieber-Impfstoffe" />
1003 </contains>
1004 <contains>
1005   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1006   <version value="atcgm2021" />
1007   <code value="J07BL01" />
1008   <display value="Gelbfieber, lebend abgeschwächt" />
1009 </contains>
1010 <contains>
1011   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1012   <version value="atcgm2021" />
1013   <code value="J07BM" />
1014   <display value="Papillomvirus-Impfstoffe" />
1015 </contains>
1016 <contains>
1017   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1018   <version value="atcgm2021" />
1019   <code value="J07BM01" />
1020   <display value="Humaner-Papillomvirus-Impfstoff (Typen 6,11,16,18)" /
>
1021 </contains>
1022 <contains>
1023   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1024   <version value="atcgm2021" />
1025   <code value="J07BM02" />
1026   <display value="Humaner-Papillomvirus-Impfstoff (Typen 16,18)" />
1027 </contains>
1028 <contains>
1029   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1030   <version value="atcgm2021" />
1031   <code value="J07BM03" />
1032   <display value="Humaner-Papillomvirus-Impfstoff (Typen
6,11,16,18,31,33,45,52,58)" />
1033 </contains>
1034 <contains>
1035   <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1036   <version value="atcgm2021" />
1037   <code value="J07BX" />

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1038     <display value="Andere virale Impfstoffe" />
1039 </contains>
1040 <contains>
1041     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1042     <version value="atcgm2021" />
1043     <code value="J07BX01" />
1044     <display value="Pocken-Impfstoff, lebend, modifiziert" />
1045 </contains>
1046 <contains>
1047     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1048     <version value="atcgm2021" />
1049     <code value="J07BX03" />
1050     <display value="Covid-19-Impfstoffe" />
1051 </contains>
1052 <contains>
1053     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1054     <version value="atcgm2021" />
1055     <code value="J07CA" />
1056     <display value="Bakterielle und virale Impfstoffe, kombiniert" />
1057 </contains>
1058 <contains>
1059     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1060     <version value="atcgm2021" />
1061     <code value="J07CA01" />
1062     <display value="Diphtherie-Poliomyelitis-Tetanus" />
1063 </contains>
1064 <contains>
1065     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1066     <version value="atcgm2021" />
1067     <code value="J07CA02" />
1068     <display value="Diphtherie-Pertussis-Poliomyelitis-Tetanus" />
1069 </contains>
1070 <contains>
1071     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1072     <version value="atcgm2021" />
1073     <code value="J07CA03" />
1074     <display value="Diphtherie-Röteln-Tetanus" />
1075 </contains>
1076 <contains>
1077     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1078     <version value="atcgm2021" />
1079     <code value="J07CA04" />
1080     <display value="Haemophilus influenzae B und Poliomyelitis" />
1081 </contains>
1082 <contains>
1083     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1084     <version value="atcgm2021" />
1085     <code value="J07CA05" />
1086     <display value="Diphtherie-Hepatitis B-Pertussis-Tetanus" />
1087 </contains>
1088 <contains>
1089     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1090     <version value="atcgm2021" />
1091     <code value="J07CA06" />
1092     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
Poliomyelitis-Tetanus" />
1093 </contains>
1094 <contains>
1095     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1096     <version value="atcgm2021" />

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1097     <code value="J07CA07" />
1098     <display value="Diphtherie-Hepatitis B-Tetanus" />
1099 </contains>
1100 <contains>
1101     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1102     <version value="atcgm2021" />
1103     <code value="J07CA08" />
1104     <display value="Haemophilus influenzae B und Hepatitis B" />
1105 </contains>
1106 <contains>
1107     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1108     <version value="atcgm2021" />
1109     <code value="J07CA09" />
1110     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
1111 Poliomyelitis-Tetanus-Hepatitis B" />
1112 </contains>
1113 <contains>
1114     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1115     <version value="atcgm2021" />
1116     <code value="J07CA10" />
1117     <display value="Typhus-Hepatitis A" />
1118 </contains>
1119 <contains>
1120     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1121     <version value="atcgm2021" />
1122     <code value="J07CA11" />
1123     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
1124 Tetanus-Hepatitis B" />
1125 </contains>
1126 <contains>
1127     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1128     <version value="atcgm2021" />
1129     <code value="J07CA12" />
1130     <display value="Diphtherie-Pertussis-Poliomyelitis-Tetanus-Hepatitis
1131 B" />
1132 </contains>
1133 <contains>
1134     <system value="http://fhir.de/CodeSystem/dimdi/atc" />
1135     <version value="atcgm2021" />
1136     <code value="J07CA13" />
1137     <display value="Diphtherie-Haemophilus influenzae B-Pertussis-
1138 Tetanus-Hepatitis B-Meningokokken A + C" />
1139 </contains>
1140 </expansion>
1141 </ValueSet>

```

ARTIKEL 3 - FESTLEGUNGEN ZUR SIGNATUR

Wenn eine Signatur des medizinischen Informationsobjektes Impfpass notwendig ist, erfolgt dies mittels der CAdES-Enveloping Signaturfunktionalität des Konnektors der Telematikinfrastruktur. Die in diesem Zusammenhang vom Primärsystem (= eingesetztes IT-System) als Data To Be Signed Representation (DTBSR) zusammenzustellenden Daten ist eine FHIR-XML-Datei und entspricht dabei der gemäß dem Abschnitt In der ePA zu speichernde FHIR®-Ressourcen einer Bundle-Ressource mit der Profilierung KBV_PR_MIO_Vaccination_Bundle_Entry.

Bei der Eintragung von Daten zu durchgeführten Impfungen (entsprechend des §22 IfSG) muss eine Signatur von der verantwortlichen Person gesetzt werden (siehe auch Anwendungsszenario Daten eintragen). Um

diesen Fall handelt es sich immer, wenn das Eintragen einer oder mehrerer Impfzeilen durch die ärztliche Person, welche die Impfung gerade durchgeführt hat, erfolgt. In allen anderen Anwendungsfällen (d.h. dem Daten nachtragen bzw. übertragen siehe auch Anwendungsszenario Daten nach- oder übertragen) kann eine Signatur (von der eintragenden Person) gesetzt werden.

Bei der Signatur handelt es sich um eine qualifizierte elektronische Signatur (QES) mit einem elektronischen Heilberufsausweis oder um ein qualifiziertes elektronisches Siegel.

Das Verfahren zur Erstellung der Signatur wird die gematik im Dokument "Implementierungsleitfaden Primärsysteme - Elektronische Patientenakte (ePA)" (gemILF_PS_ePA) beschreiben.

ARTIKEL 4 - INKRAFTTRETEN, GELTUNG UND AUSSERKRAFTTRETEN

Diese Festlegung tritt am Tag nach ihrer Veröffentlichung in Kraft. Sie gilt ab dem 01.01.2022.

Die MIO-Festlegung: Impfpass in der Version 1.0 tritt am Tag der Veröffentlichung dieser Version außer Kraft.