

# MIO-FESTLEGUNG: ZAHNÄRZTLICHES BONUSHEFT

FESTLEGUNG GEMÄSS § 291B ABSATZ 1 SATZ 7 SGB V

Gemäß § 291b Absatz 1 Satz 7 SGB V trifft die KBV die notwendigen Festlegungen für die Inhalte der elektronischen Patientenakte nach § 291a Absatz 3 Satz 1 Nummer 4, 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®

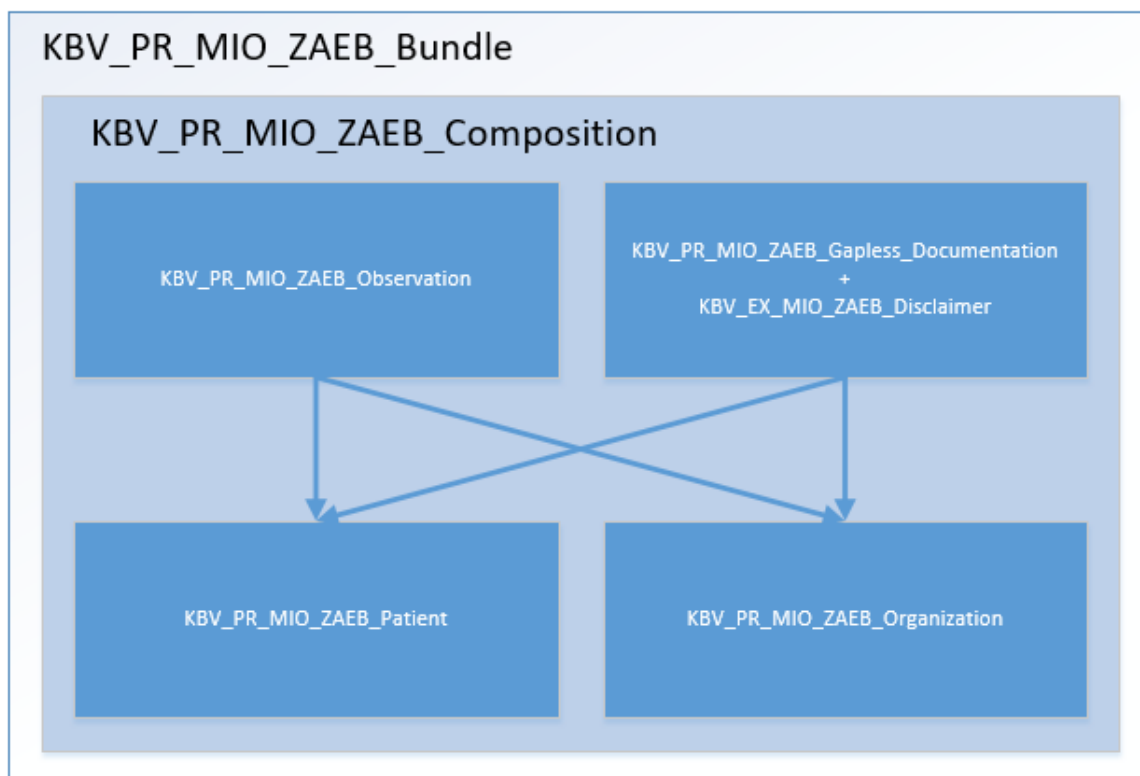
Übergreifend für alle FHIR®-Ressourcen gelten die nachfolgenden Festlegungen:

### 1. FESTLEGUNG DER IN DER EPA ZU SPEICHERNDE FHIR®-RESSOURCEN

Das Bundle "KBV\_PR\_MIO\_ZAEB\_Bundle" ist die einzige Ressource, welche in der ePA (elektronische Patientenakte) als medizinisches Informationsobjekt Zahnärztliches Bonusheft gespeichert werden darf. Für diese an die ePA zu übertragende FHIR®-Ressource muss für die Umsetzung des Anwendungsszenarios Daten eintragen eine Composition gemäß Profil "KBV\_PR\_MIO\_ZAEB\_Composition" enthalten sein.

Die Composition "KBV\_PR\_MIO\_ZAEB\_Composition" gibt 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\_ZAEB\_Bundle).

Dieses festgelegte Zusammenspiel der Bundle, Composition und anderen FHIR®-Profile 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

 date S Σ 1..1 dateTime

## ARTIKEL 2 - FESTLEGUNG DER FHIR®-RESSOURCEN

## 1. KBV\_CM\_MIO\_ZAEB\_PREVENTIVE\_CHECK\_UP\_GERMAN

### KBV\_CM\_MIO\_ZAEB\_Preventive\_Check\_Up\_German

```
1 <ConceptMap xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/ConceptMap/
KBV_CM_MIO_ZAEB_Preventive_Check_Up_German" />
3   <version value="1.00.000" />
4   <name value="KBV_CM_MIO_ZAEB_Preventive_Check_Up_German" />
5   <title value="KBV_CM_MIO_ZAEB_Preventive_Check_Up_German" />
6   <status value="active" />
7   <experimental value="false" />
8   <date value="2020-06-26" />
9   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10  <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." />
11  <description value="Diese Conceptmap übersetzt die alle erforderlichen
Codes für das Zahnärztliche Bonusheft" />
12  <group>
13    <source value="http://snomed.info/sct" />
14    <target value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_ZAEB_Preventive_Check_Up_German" />
15    <element>
16      <code value="2115003" />
17      <display value="Dental prophylaxis, children (procedure)" />
18      <target>
19        <code value="ip" />
20        <display value="Individualprophylaxe (Kind)" />
21        <equivalence value="equivalent" />
22      </target>
23    </element>
24    <element>
25      <code value="63963009" />
26      <display value="Dental prophylaxis, adult (procedure)" />
27      <target>
28        <code value="zaeu" />
29        <display value="Zahnärztliche Untersuchung (Erwachsen)" />
30        <equivalence value="equivalent" />
31      </target>
32    </element>
33  </group>
34 </ConceptMap>
```

## 2. KBV\_CS\_MIO\_ZAEB\_PREVENTIVE\_CHECK\_UP\_GERMAN

### KBV\_CS\_MIO\_ZAEB\_Preventive\_Check\_Up\_German

```
1 <CodeSystem xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/CodeSystem/
KBV_CS_MIO_ZAEB_Preventive_Check_Up_German" />
3   <version value="1.00.000" />
4   <name value="KBV_CS_MIO_ZAEB_Preventive_Check_Up_German" />
5   <title value="KBV_CS_MIO_ZAEB_Preventive_Check_Up_German" />
6   <status value="active" />
7   <experimental value="false" />
8   <date value="2020-06-26" />
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 Codesystem enthält alle notwendigen Codes zur
Nutzung des Zahnärztlichen Bonusheftes" />
17  <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
18  <caseSensitive value="true" />
19  <content value="complete" />
20  <concept>
21    <code value="ip" />
22    <display value="Individualprophylaxe" />
23  </concept>
24  <concept>
25    <code value="zaeu" />
26    <display value="Zahnärztliche Untersuchung" />
27  </concept>
28 </CodeSystem>
```

### 3. KBV\_EX\_MIO\_ZAEB\_DISCLAIMER

#### KBV\_EX\_MIO\_ZAEB\_Disclaimer

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_ZAEB_Disclaimer" />
3   <version value="1.00.000" />
4   <name value="KBV_EX_MIO_ZAEB_Disclaimer" />
5   <title value="KBV_EX_MIO_ZAEB_Disclaimer" />
6   <status value="active" />
7   <date value="2020-06-26" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <copyright value="Copyright© (2020) Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
10  <fhirVersion value="4.0.1" />
11  <mapping>
12    <identity value="rim" />
13    <uri value="http://hl7.org/v3" />
14    <name value="RIM Mapping" />
15  </mapping>
16  <kind value="complex-type" />
17  <abstract value="false" />
18  <context>
19    <type value="element" />
20    <expression value="Observation" />
21  </context>
22  <type value="Extension" />
23  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Extension" />
24  <derivation value="constraint" />
25  <differential>
26    <element id="Extension.url">
27      <path value="Extension.url" />
28      <fixedUri value="https://fhir.kbv.de/StructureDefinition/
KBV_EX_MIO_ZAEB_Disclaimer" />
29    </element>
30    <element id="Extension.value[x]">
31      <path value="Extension.value[x]" />
32      <type>
33        <code value="string" />
34      </type>
35      <fixedString value="Die Vertragsparteien sind sich einig, dass der
Zahnarzt im Nachhinein für eine falsche Jahresangabe nicht haftbar gemacht
werden kann, wenn die Krankenkasse bei der Prüfung eines Heil- und
Kostenplanes keinen Bonus oder eine andere Bonusstufe feststellt." />
36    </element>
37  </differential>
38 </StructureDefinition>
```

#### 4. KBV\_PR\_MIO\_ZAEB\_BUNDLE

##### KBV\_PR\_MIO\_ZAEB\_Bundle

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Bundle" />
3   <version value="1.00.000" />
4   <name value="KBV_PR_MIO_ZAEB_Bundle" />
5   <title value="KBV_PR_MIO_ZAEB_Bundle" />
6   <status value="active" />
7   <date value="2020-06-26" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
10  <fhirVersion value="4.0.1" />
11  <mapping>
12    <identity value="v2" />
13    <uri value="http://hl7.org/v2" />
14    <name value="HL7 v2 Mapping" />
15  </mapping>
16  <mapping>
17    <identity value="rim" />
18    <uri value="http://hl7.org/v3" />
19    <name value="RIM Mapping" />
20  </mapping>
21  <mapping>
22    <identity value="cda" />
23    <uri value="http://hl7.org/v3/cda" />
24    <name value="CDA (R2)" />
25  </mapping>
26  <mapping>
27    <identity value="w5" />
28    <uri value="http://hl7.org/fhir/fivews" />
29    <name value="FiveWs Pattern Mapping" />
30  </mapping>
31  <kind value="resource" />
32  <abstract value="false" />
33  <type value="Bundle" />
34  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/Bundle" />
35  <derivation value="constraint" />
36  <differential>
37    <element id="Bundle">
38      <path value="Bundle" />
39      <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. Das Bundle umfasst in dieser Anwendung
einen Bonushefteintrag." />
40      <constraint>
41        <key value="OneComposition" />
42        <severity value="error" />
43        <human value="Es darf genau eine Composition geben" />
44        <expression value="entry.where(ofType(Composition)).isDistinct()" /
>
45      <source value="Bundle" />
46    </constraint>
47  </differential>
```

```

48     <key value="UUID" />
49     <severity value="error" />
50     <human value="Es soll eine UUID verwendet werden." />
51     <expression value="identifer.system.startsWith('urn:uuid:')" />
52     <source value="Bundle" />
53 </constraint>
54 <constraint>
55     <key value="TypeComposition" />
56     <severity value="error" />
57     <human value="Es muss genau eine Composition enthalten sein" />
58     <expression value="entry.where(meta.profile='https://fhir.kbv.de/
StructureDefinition/KBV_PR_MIO_ZAEB_Composition').isDistinct()" />
59     <source value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Bundle" />
60 </constraint>
61 </element>
62 <element id="Bundle.meta">
63     <path value="Bundle.meta" />
64     <min value="1" />
65 </element>
66 <element id="Bundle.meta.versionId">
67     <path value="Bundle.meta.versionId" />
68     <max value="0" />
69 </element>
70 <element id="Bundle.meta.lastUpdated">
71     <path value="Bundle.meta.lastUpdated" />
72     <max value="0" />
73 </element>
74 <element id="Bundle.meta.source">
75     <path value="Bundle.meta.source" />
76     <max value="0" />
77 </element>
78 <element id="Bundle.meta.profile">
79     <path value="Bundle.meta.profile" />
80     <min value="1" />
81     <max value="1" />
82     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Bundle|1.00.000" />
83 </element>
84 <element id="Bundle.meta.security">
85     <path value="Bundle.meta.security" />
86     <max value="0" />
87 </element>
88 <element id="Bundle.meta.tag">
89     <path value="Bundle.meta.tag" />
90     <max value="0" />
91 </element>
92 <element id="Bundle.identifier">
93     <path value="Bundle.identifier" />
94     <min value="1" />
95 </element>
96 <element id="Bundle.identifier.use">
97     <path value="Bundle.identifier.use" />
98     <max value="0" />
99 </element>
100 <element id="Bundle.identifier.type">
101     <path value="Bundle.identifier.type" />
102     <max value="0" />
103 </element>
104 <element id="Bundle.identifier.system">

```



```

105     <path value="Bundle.identifier.system" />
106     <min value="1" />
107     <fixedUri value="urn:ietf:rfc:3986" />
108 </element>
109 <element id="Bundle.identifier.value">
110     <path value="Bundle.identifier.value" />
111     <min value="1" />
112 </element>
113 <element id="Bundle.identifier.period">
114     <path value="Bundle.identifier.period" />
115     <max value="0" />
116 </element>
117 <element id="Bundle.identifier.assigner">
118     <path value="Bundle.identifier.assigner" />
119     <max value="0" />
120 </element>
121 <element id="Bundle.type">
122     <path value="Bundle.type" />
123     <fixedCode value="document" />
124     <mustSupport value="true" />
125 </element>
126 <element id="Bundle.timestamp">
127     <path value="Bundle.timestamp" />
128     <min value="1" />
129 </element>
130 <element id="Bundle.total">
131     <path value="Bundle.total" />
132     <max value="0" />
133 </element>
134 <element id="Bundle.link">
135     <path value="Bundle.link" />
136     <max value="0" />
137 </element>
138 <element id="Bundle.entry">
139     <path value="Bundle.entry" />
140     <min value="4" />
141     <max value="5" />
142     <mustSupport value="true" />
143 </element>
144 <element id="Bundle.entry.link">
145     <path value="Bundle.entry.link" />
146     <max value="0" />
147 </element>
148 <element id="Bundle.entry.fullUrl">
149     <path value="Bundle.entry.fullUrl" />
150     <min value="1" />
151 </element>
152 <element id="Bundle.entry.resource">
153     <path value="Bundle.entry.resource" />
154     <min value="1" />
155 </element>
156 <element id="Bundle.entry.search">
157     <path value="Bundle.entry.search" />
158     <max value="0" />
159 </element>
160 <element id="Bundle.entry.request">
161     <path value="Bundle.entry.request" />
162     <max value="0" />
163 </element>
164 <element id="Bundle.entry.response">

```

```
165     <path value="Bundle.entry.response" />
166     <max value="0" />
167 </element>
168 <element id="Bundle.signature">
169     <path value="Bundle.signature" />
170     <max value="0" />
171 </element>
172 <element id="Bundle.signature.who.type">
173     <path value="Bundle.signature.who.type" />
174     <max value="0" />
175 </element>
176 <element id="Bundle.signature.who.identifier">
177     <path value="Bundle.signature.who.identifier" />
178     <max value="0" />
179 </element>
180 <element id="Bundle.signature.who.display">
181     <extension url="http://hl7.org/fhir/StructureDefinition/
182     elementdefinition-translatable">
183         <valueBoolean value="true" />
184     </extension>
185     <path value="Bundle.signature.who.display" />
186     <max value="0" />
187 </element>
188 </differential>
</StructureDefinition>
```

## 5. KBV\_PR\_MIO\_ZAEB\_COMPOSITION

### KBV\_PR\_MIO\_ZAEB\_Composition

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <StructureDefinition xmlns="http://hl7.org/fhir">
3   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Composition" />
4   <version value="1.00.000" />
5   <name value="KBV_PR_MIO_ZAEB_Composition" />
6   <title value="KBV_PR_MIO_ZAEB_Composition" />
7   <status value="active" />
8   <date value="2020-06-26" />
9   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10  <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." />
11   <fhirVersion value="4.0.1" />
12   <mapping>
13     <identity value="workflow" />
14     <uri value="http://hl7.org/fhir/workflow" />
15     <name value="Workflow Pattern" />
16   </mapping>
17   <mapping>
18     <identity value="rim" />
19     <uri value="http://hl7.org/v3" />
20     <name value="RIM Mapping" />
21   </mapping>
22   <mapping>
23     <identity value="cda" />
24     <uri value="http://hl7.org/v3/cda" />
25     <name value="CDA (R2)" />
26   </mapping>
27   <mapping>
28     <identity value="fhirdocumentreference" />
29     <uri value="http://hl7.org/fhir/documentreference" />
30     <name value="FHIR DocumentReference" />
31   </mapping>
32   <mapping>
33     <identity value="w5" />
34     <uri value="http://hl7.org/fhir/fivews" />
35     <name value="FiveWs Pattern Mapping" />
36   </mapping>
37   <kind value="resource" />
38   <abstract value="false" />
39   <type value="Composition" />
40   <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Composition" />
41   <derivation value="constraint" />
42   <differential>
43     <element id="Composition">
44       <path value="Composition" />
```

```

45     <definition value="Dieses Profil dient als Übersichtsdokument. Es
    kann als eine Art Inhaltsverzeichnis des digitalen Dokumentes verstanden
    werden. Die zu dem Dokument Bonusheft passenden Inhalte sind dort auf
    oberster Ebene beschrieben." />
46   </element>
47   <element id="Composition.meta">
48     <path value="Composition.meta" />
49     <min value="1" />
50   </element>
51   <element id="Composition.meta.versionId">
52     <path value="Composition.meta.versionId" />
53     <max value="0" />
54   </element>
55   <element id="Composition.meta.lastUpdated">
56     <path value="Composition.meta.lastUpdated" />
57     <max value="0" />
58   </element>
59   <element id="Composition.meta.source">
60     <path value="Composition.meta.source" />
61     <max value="0" />
62   </element>
63   <element id="Composition.meta.profile">
64     <path value="Composition.meta.profile" />
65     <min value="1" />
66     <max value="1" />
67     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
    KBV_PR_MIO_ZAEB_Composition|1.00.000" />
68   </element>
69   <element id="Composition.meta.security">
70     <path value="Composition.meta.security" />
71     <max value="0" />
72   </element>
73   <element id="Composition.meta.tag">
74     <path value="Composition.meta.tag" />
75     <max value="0" />
76   </element>
77   <element id="Composition.implicitRules">
78     <path value="Composition.implicitRules" />
79     <max value="0" />
80   </element>
81   <element id="Composition.language">
82     <path value="Composition.language" />
83     <max value="0" />
84   </element>
85   <element id="Composition.text">
86     <path value="Composition.text" />
87     <max value="0" />
88   </element>
89   <element id="Composition.text.status">
90     <path value="Composition.text.status" />
91     <fixedCode value="extensions" />
92   </element>
93   <element id="Composition.contained">
94     <path value="Composition.contained" />
95     <max value="0" />
96   </element>
97   <element id="Composition.identifier">
98     <path value="Composition.identifier" />
99     <max value="0" />
100  </element>

```

```

101 <element id="Composition.status">
102   <path value="Composition.status" />
103   <fixedCode value="final" />
104 </element>
105 <element id="Composition.type">
106   <path value="Composition.type" />
107   <mustSupport value="true" />
108 </element>
109 <element id="Composition.type.coding">
110   <path value="Composition.type.coding" />
111   <slicing>
112     <discriminator>
113       <type value="value" />
114       <path value="system" />
115     </discriminator>
116     <rules value="open" />
117   </slicing>
118   <min value="2" />
119   <max value="2" />
120 </element>
121 <element id="Composition.type.coding:Snomed">
122   <path value="Composition.type.coding" />
123   <sliceName value="Snomed" />
124   <min value="1" />
125   <max value="1" />
126 </element>
127 <element id="Composition.type.coding:Snomed.system">
128   <path value="Composition.type.coding.system" />
129   <min value="1" />
130   <fixedUri value="http://snomed.info/sct" />
131 </element>
132 <element id="Composition.type.coding:Snomed.version">
133   <path value="Composition.type.coding.version" />
134   <min value="1" />
135   <fixedString value="http://snomed.info/sct/900000000000207008/
136   version/20200309" />
137 </element>
138 <element id="Composition.type.coding:Snomed.code">
139   <path value="Composition.type.coding.code" />
140   <min value="1" />
141   <fixedCode value="371525003" />
142 </element>
143 <element id="Composition.type.coding:Snomed.display">
144   <extension url="http://hl7.org/fhir/StructureDefinition/
145   elementdefinition-translatable">
146     <valueBoolean value="true" />
147   </extension>
148   <path value="Composition.type.coding.display" />
149   <min value="1" />
150   <fixedString value="Clinical procedure report (record artifact)" />
151 </element>
152 <element id="Composition.type.coding:Snomed.userSelected">
153   <path value="Composition.type.coding.userSelected" />
154   <max value="0" />
155 </element>
156 <element id="Composition.type.coding:loinc">
157   <path value="Composition.type.coding" />
158   <sliceName value="loinc" />
159   <min value="1" />
160   <max value="1" />

```

```

159 </element>
160 <element id="Composition.type.coding:loinc.system">
161   <path value="Composition.type.coding.system" />
162   <min value="1" />
163   <fixedUri value="http://loinc.org" />
164 </element>
165 <element id="Composition.type.coding:loinc.code">
166   <path value="Composition.type.coding.code" />
167   <min value="1" />
168   <fixedCode value="28618-7" />
169 </element>
170 <element id="Composition.type.coding:loinc.display">
171   <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
172     <valueBoolean value="true" />
173   </extension>
174   <path value="Composition.type.coding.display" />
175   <min value="1" />
176   <fixedString value="Dentistry Note" />
177 </element>
178 <element id="Composition.type.coding:loinc.userSelected">
179   <path value="Composition.type.coding.userSelected" />
180   <max value="0" />
181 </element>
182 <element id="Composition.type.text">
183   <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
184     <valueBoolean value="true" />
185   </extension>
186   <path value="Composition.type.text" />
187   <max value="0" />
188 </element>
189 <element id="Composition.category">
190   <path value="Composition.category" />
191   <max value="0" />
192 </element>
193 <element id="Composition.subject">
194   <path value="Composition.subject" />
195   <min value="1" />
196   <type>
197     <code value="Reference" />
198     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Patient|1.00.000" />
199   </type>
200   <mustSupport value="true" />
201 </element>
202 <element id="Composition.subject.reference">
203   <path value="Composition.subject.reference" />
204   <min value="1" />
205 </element>
206 <element id="Composition.subject.type">
207   <path value="Composition.subject.type" />
208   <max value="0" />
209 </element>
210 <element id="Composition.subject.identifrier">
211   <path value="Composition.subject.identifrier" />
212   <max value="0" />
213 </element>
214 <element id="Composition.subject.display">

```

```

215     <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
216       <valueBoolean value="true" />
217     </extension>
218     <path value="Composition.subject.display" />
219     <max value="0" />
220   </element>
221   <element id="Composition.encounter">
222     <path value="Composition.encounter" />
223     <max value="0" />
224   </element>
225   <element id="Composition.date">
226     <path value="Composition.date" />
227     <mustSupport value="true" />
228   </element>
229   <element id="Composition.author">
230     <path value="Composition.author" />
231     <max value="1" />
232     <type>
233       <code value="Reference" />
234       <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Organization|1.00.000" />
235     </type>
236     <mustSupport value="true" />
237   </element>
238   <element id="Composition.author.reference">
239     <path value="Composition.author.reference" />
240     <min value="1" />
241   </element>
242   <element id="Composition.author.type">
243     <path value="Composition.author.type" />
244     <max value="0" />
245   </element>
246   <element id="Composition.author.identifier">
247     <path value="Composition.author.identifier" />
248     <max value="0" />
249   </element>
250   <element id="Composition.author.display">
251     <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
252       <valueBoolean value="true" />
253     </extension>
254     <path value="Composition.author.display" />
255     <max value="0" />
256   </element>
257   <element id="Composition.title">
258     <path value="Composition.title" />
259     <fixedString value="Bonushefteintrag" />
260   </element>
261   <element id="Composition.confidentiality">
262     <path value="Composition.confidentiality" />
263     <max value="0" />
264   </element>
265   <element id="Composition.attester">
266     <path value="Composition.attester" />
267     <max value="0" />
268   </element>
269   <element id="Composition.custodian">
270     <path value="Composition.custodian" />
271     <max value="0" />

```

```

272 </element>
273 <element id="Composition.relatesTo">
274   <path value="Composition.relatesTo" />
275   <max value="0" />
276 </element>
277 <element id="Composition.event">
278   <path value="Composition.event" />
279   <max value="0" />
280 </element>
281 <element id="Composition.section">
282   <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-explicit-type-name">
283     <valueString value="Section" />
284   </extension>
285   <path value="Composition.section" />
286   <min value="1" />
287   <max value="1" />
288 </element>
289 <element id="Composition.section.title">
290   <path value="Composition.section.title" />
291   <max value="0" />
292 </element>
293 <element id="Composition.section.code">
294   <path value="Composition.section.code" />
295   <max value="0" />
296 </element>
297 <element id="Composition.section.author">
298   <path value="Composition.section.author" />
299   <max value="0" />
300 </element>
301 <element id="Composition.section.focus">
302   <path value="Composition.section.focus" />
303   <max value="0" />
304 </element>
305 <element id="Composition.section.text">
306   <path value="Composition.section.text" />
307   <max value="0" />
308 </element>
309 <element id="Composition.section.mode">
310   <path value="Composition.section.mode" />
311   <max value="0" />
312 </element>
313 <element id="Composition.section.orderedBy">
314   <path value="Composition.section.orderedBy" />
315   <max value="0" />
316 </element>
317 <element id="Composition.section.entry">
318   <path value="Composition.section.entry" />
319   <min value="1" />
320   <max value="2" />
321   <type>
322     <code value="Reference" />
323     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Observation|1.00.000" />
324     <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Gapless_Documentation|1.00.000" />
325   </type>
326 </element>
327 <element id="Composition.section.entry.reference">
328   <path value="Composition.section.entry.reference" />

```



```

329     <min value="1" />
330 </element>
331 <element id="Composition.section.entry.type">
332     <path value="Composition.section.entry.type" />
333     <max value="0" />
334 </element>
335 <element id="Composition.section.entry.identifier">
336     <path value="Composition.section.entry.identifier" />
337     <max value="0" />
338 </element>
339 <element id="Composition.section.entry.display">
340     <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
341         <valueBoolean value="true" />
342     </extension>
343     <path value="Composition.section.entry.display" />
344     <max value="0" />
345 </element>
346 <element id="Composition.section.emptyReason">
347     <path value="Composition.section.emptyReason" />
348     <max value="0" />
349 </element>
350 <element id="Composition.section.section">
351     <path value="Composition.section.section" />
352     <max value="0" />
353 </element>
354 </differential>
355 </StructureDefinition>

```

## 6. KBV\_PR\_MIO\_ZAEB\_GAPLESS\_DOCUMENTATION

### KBV\_PR\_MIO\_ZAEB\_Gapless\_Documentation

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Gapless_Documentation" />
3   <version value="1.00.000" />
4   <name value="KBV_PR_MIO_ZAEB_Gapless_Documentation" />
5   <title value="KBV_PR_MIO_ZAEB_Gapless_Documentation" />
6   <status value="active" />
7   <date value="2020-06-26" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
10  <fhirVersion value="4.0.1" />
11  <mapping>
12    <identity value="workflow" />
13    <uri value="http://hl7.org/fhir/workflow" />
14    <name value="Workflow Pattern" />
15  </mapping>
16  <mapping>
17    <identity value="v2" />
18    <uri value="http://hl7.org/v2" />
19    <name value="HL7 v2 Mapping" />
20  </mapping>
21  <mapping>
22    <identity value="rim" />
23    <uri value="http://hl7.org/v3" />
24    <name value="RIM Mapping" />
25  </mapping>
26  <mapping>
27    <identity value="w5" />
28    <uri value="http://hl7.org/fhir/fivews" />
29    <name value="FiveWs Pattern Mapping" />
30  </mapping>
31  <kind value="resource" />
32  <abstract value="false" />
33  <type value="Observation" />
34  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Observation" />
35  <derivation value="constraint" />
36  <differential>
37    <element id="Observation.meta">
38      <path value="Observation.meta" />
39      <min value="1" />
40    </element>
41    <element id="Observation.meta.versionId">
42      <path value="Observation.meta.versionId" />
43      <max value="0" />
44    </element>
45    <element id="Observation.meta.lastUpdated">
46      <path value="Observation.meta.lastUpdated" />
47      <max value="0" />
48    </element>
49    <element id="Observation.meta.source">
50      <path value="Observation.meta.source" />
51      <max value="0" />
```

```

52 </element>
53 <element id="Observation.meta.profile">
54   <path value="Observation.meta.profile" />
55   <min value="1" />
56   <max value="1" />
57   <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Gapless_Documentation|1.00.000" />
58 </element>
59 <element id="Observation.meta.security">
60   <path value="Observation.meta.security" />
61   <max value="0" />
62 </element>
63 <element id="Observation.meta.tag">
64   <path value="Observation.meta.tag" />
65   <max value="0" />
66 </element>
67 <element id="Observation.implicitRules">
68   <path value="Observation.implicitRules" />
69   <max value="0" />
70 </element>
71 <element id="Observation.language">
72   <path value="Observation.language" />
73   <max value="0" />
74 </element>
75 <element id="Observation.text">
76   <path value="Observation.text" />
77   <max value="0" />
78 </element>
79 <element id="Observation.contained">
80   <path value="Observation.contained" />
81   <max value="0" />
82 </element>
83 <element id="Observation.extension">
84   <path value="Observation.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="Observation.extension:Disclaimer">
94   <path value="Observation.extension" />
95   <sliceName value="Disclaimer" />
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_ZAEB_Disclaimer" />
101   </type>
102   <mustSupport value="true" />
103 </element>
104 <element id="Observation.extension:Disclaimer.value[x]">
105   <path value="Observation.extension.value[x]" />
106   <min value="1" />
107   <mustSupport value="true" />
108 </element>
109 <element id="Observation.identifier">

```

```

110     <path value="Observation.identifier" />
111     <max value="0" />
112 </element>
113 <element id="Observation.basedOn">
114     <path value="Observation.basedOn" />
115     <max value="0" />
116 </element>
117 <element id="Observation.partOf">
118     <path value="Observation.partOf" />
119     <max value="0" />
120 </element>
121 <element id="Observation.category">
122     <path value="Observation.category" />
123     <max value="0" />
124 </element>
125 <element id="Observation.code">
126     <path value="Observation.code" />
127     <mustSupport value="true" />
128 </element>
129 <element id="Observation.code.coding">
130     <path value="Observation.code.coding" />
131     <max value="0" />
132 </element>
133 <element id="Observation.code.text">
134     <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
135         <valueBoolean value="true" />
136     </extension>
137     <path value="Observation.code.text" />
138     <min value="1" />
139     <fixedString value="Datum, seit dem eine lückenlose Dokumentation in
dem Papier-Zahnbonusheft nachweislich vorliegt." />
140     <mustSupport value="true" />
141 </element>
142 <element id="Observation.subject">
143     <path value="Observation.subject" />
144     <min value="1" />
145     <type>
146         <code value="Reference" />
147         <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Patient|1.00.000" />
148     </type>
149 </element>
150 <element id="Observation.subject.reference">
151     <path value="Observation.subject.reference" />
152     <min value="1" />
153 </element>
154 <element id="Observation.subject.type">
155     <path value="Observation.subject.type" />
156     <max value="0" />
157 </element>
158 <element id="Observation.subject.identifier">
159     <path value="Observation.subject.identifier" />
160     <max value="0" />
161 </element>
162 <element id="Observation.subject.display">
163     <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
164         <valueBoolean value="true" />
165     </extension>

```

```

166     <path value="Observation.subject.display" />
167     <max value="0" />
168 </element>
169 <element id="Observation.focus">
170     <path value="Observation.focus" />
171     <max value="0" />
172 </element>
173 <element id="Observation.encounter">
174     <path value="Observation.encounter" />
175     <max value="0" />
176 </element>
177 <element id="Observation.effective[x]">
178     <path value="Observation.effective[x]" />
179     <max value="0" />
180 </element>
181 <element id="Observation.issued">
182     <path value="Observation.issued" />
183     <max value="0" />
184 </element>
185 <element id="Observation.performer">
186     <path value="Observation.performer" />
187     <max value="0" />
188 </element>
189 <element id="Observation.value[x]">
190     <path value="Observation.value[x]" />
191     <slicing>
192         <discriminator>
193             <type value="type" />
194             <path value="$this" />
195         </discriminator>
196         <rules value="open" />
197     </slicing>
198     <min value="1" />
199     <type>
200         <code value="dateTime" />
201     </type>
202     <mustSupport value="true" />
203 </element>
204 <element id="Observation.value[x]:valueDateTime">
205     <path value="Observation.value[x]" />
206     <sliceName value="valueDateTime" />
207     <min value="1" />
208     <type>
209         <code value="dateTime" />
210     </type>
211     <mustSupport value="true" />
212 </element>
213 <element id="Observation.dataAbsentReason">
214     <path value="Observation.dataAbsentReason" />
215     <max value="0" />
216 </element>
217 <element id="Observation.interpretation">
218     <path value="Observation.interpretation" />
219     <max value="0" />
220 </element>
221 <element id="Observation.note">
222     <path value="Observation.note" />
223     <max value="0" />
224 </element>
225 <element id="Observation.bodySite">

```

```

226     <path value="Observation.bodySite" />
227     <max value="0" />
228 </element>
229 <element id="Observation.method">
230     <path value="Observation.method" />
231     <max value="0" />
232 </element>
233 <element id="Observation.specimen">
234     <path value="Observation.specimen" />
235     <max value="0" />
236 </element>
237 <element id="Observation.device">
238     <path value="Observation.device" />
239     <max value="0" />
240 </element>
241 <element id="Observation.referenceRange">
242     <path value="Observation.referenceRange" />
243     <max value="0" />
244 </element>
245 <element id="Observation.hasMember">
246     <path value="Observation.hasMember" />
247     <max value="0" />
248 </element>
249 <element id="Observation.derivedFrom">
250     <path value="Observation.derivedFrom" />
251     <max value="0" />
252 </element>
253 <element id="Observation.component">
254     <path value="Observation.component" />
255     <max value="0" />
256 </element>
257 </differential>
258 </StructureDefinition>

```

## 7. KBV\_PR\_MIO\_ZAEB\_OBSERVATION

### KBV\_PR\_MIO\_ZAEB\_Observation

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <StructureDefinition xmlns="http://hl7.org/fhir">
3   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Observation" />
4   <version value="1.00.000" />
5   <name value="KBV_PR_MIO_ZAEB_Observation" />
6   <title value="KBV_PR_MIO_ZAEB_Observation" />
7   <status value="active" />
8   <date value="2020-06-26" />
9   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10  <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." />
11  <fhirVersion value="4.0.1" />
12  <kind value="resource" />
13  <abstract value="false" />
14  <type value="Observation" />
15  <baseDefinition value="http://hl7.org/fhir/StructureDefinition/
Observation" />
16  <derivation value="constraint" />
17  <differential>
18    <element id="Observation">
19      <path value="Observation" />
20      <constraint>
21        <key value="issued" />
22        <severity value="error" />
23        <human value="Das Untersuchungsdatum muss mindestens 8 Stellen
haben" />
24        <expression value="issued.toString().length()>=8" />
25        <source value="Observation" />
26      </constraint>
27    </element>
28    <element id="Observation.meta">
29      <path value="Observation.meta" />
30      <min value="1" />
31    </element>
32    <element id="Observation.meta.versionId">
33      <path value="Observation.meta.versionId" />
34      <max value="0" />
35    </element>
36    <element id="Observation.meta.lastUpdated">
37      <path value="Observation.meta.lastUpdated" />
38      <max value="0" />
39    </element>
40    <element id="Observation.meta.source">
41      <path value="Observation.meta.source" />
42      <max value="0" />
43    </element>
44    <element id="Observation.meta.profile">
45      <path value="Observation.meta.profile" />
```

```

46     <min value="1" />
47     <max value="1" />
48     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Observation|1.00.000" />
49   </element>
50   <element id="Observation.meta.security">
51     <path value="Observation.meta.security" />
52     <max value="0" />
53   </element>
54   <element id="Observation.meta.tag">
55     <path value="Observation.meta.tag" />
56     <max value="0" />
57   </element>
58   <element id="Observation.implicitRules">
59     <path value="Observation.implicitRules" />
60     <max value="0" />
61   </element>
62   <element id="Observation.language">
63     <path value="Observation.language" />
64     <max value="0" />
65   </element>
66   <element id="Observation.text">
67     <path value="Observation.text" />
68     <max value="0" />
69   </element>
70   <element id="Observation.text.status">
71     <path value="Observation.text.status" />
72     <fixedCode value="extensions" />
73   </element>
74   <element id="Observation.contained">
75     <path value="Observation.contained" />
76     <max value="0" />
77   </element>
78   <element id="Observation.identifier">
79     <path value="Observation.identifier" />
80     <max value="0" />
81   </element>
82   <element id="Observation.basedOn">
83     <path value="Observation.basedOn" />
84     <max value="0" />
85   </element>
86   <element id="Observation.partOf">
87     <path value="Observation.partOf" />
88     <max value="0" />
89   </element>
90   <element id="Observation.status">
91     <extension url="http://hl7.org/fhir/StructureDefinition/
structuredefinition-display-hint">
92       <valueString value="default: final" />
93     </extension>
94     <path value="Observation.status" />
95     <fixedCode value="final" />
96   </element>
97   <element id="Observation.category">
98     <path value="Observation.category" />
99     <max value="0" />
100  </element>
101  <element id="Observation.code">
102    <path value="Observation.code" />
103    <mustSupport value="true" />

```



```

104     <binding>
105       <strength value="required" />
106       <valueSet value="https://fhir.kbv.de/ValueSet/
KBV_VS_MIO_ZAEB_Preventative_Checkup_Type" />
107     </binding>
108     <mapping>
109       <identity value="MIO-Zahnbonusheft" />
110       <map value="Zahnvorsorgeuntersuchung.Art der
Vorsorgeuntersuchung" />
111     </mapping>
112   </element>
113   <element id="Observation.code.coding">
114     <path value="Observation.code.coding" />
115     <min value="1" />
116     <max value="1" />
117   </element>
118   <element id="Observation.code.coding.system">
119     <path value="Observation.code.coding.system" />
120     <min value="1" />
121     <fixedUri value="http://snomed.info/sct" />
122   </element>
123   <element id="Observation.code.coding.version">
124     <path value="Observation.code.coding.version" />
125     <min value="1" />
126     <fixedString value="http://snomed.info/sct/900000000000207008/
version/20200309" />
127   </element>
128   <element id="Observation.code.coding.code">
129     <path value="Observation.code.coding.code" />
130     <min value="1" />
131   </element>
132   <element id="Observation.code.coding.display">
133     <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
134       <valueBoolean value="true" />
135     </extension>
136     <path value="Observation.code.coding.display" />
137     <min value="1" />
138   </element>
139   <element id="Observation.subject">
140     <path value="Observation.subject" />
141     <min value="1" />
142     <type>
143       <code value="Reference" />
144       <targetProfile value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Patient|1.00.000" />
145     </type>
146     <mustSupport value="true" />
147   </element>
148   <element id="Observation.subject.reference">
149     <path value="Observation.subject.reference" />
150     <min value="1" />
151   </element>
152   <element id="Observation.subject.type">
153     <path value="Observation.subject.type" />
154     <max value="0" />
155   </element>
156   <element id="Observation.subject.identifrier">
157     <path value="Observation.subject.identifrier" />
158     <max value="0" />

```

```

159 </element>
160 <element id="Observation.subject.display">
161   <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
162     <valueBoolean value="true" />
163   </extension>
164   <path value="Observation.subject.display" />
165   <max value="0" />
166 </element>
167 <element id="Observation.focus">
168   <path value="Observation.focus" />
169   <max value="0" />
170 </element>
171 <element id="Observation.encounter">
172   <path value="Observation.encounter" />
173   <max value="0" />
174 </element>
175 <element id="Observation.effective[x]">
176   <path value="Observation.effective[x]" />
177   <slicing>
178     <discriminator>
179       <type value="type" />
180       <path value="$this" />
181     </discriminator>
182     <rules value="open" />
183   </slicing>
184   <min value="1" />
185   <type>
186     <code value="dateTime" />
187   </type>
188   <mustSupport value="true" />
189 </element>
190 <element id="Observation.effective[x]:effectiveDateTime">
191   <path value="Observation.effective[x]" />
192   <sliceName value="effectiveDateTime" />
193   <min value="1" />
194   <type>
195     <code value="dateTime" />
196   </type>
197 </element>
198 <element id="Observation.issued">
199   <path value="Observation.issued" />
200   <max value="0" />
201 </element>
202 <element id="Observation.performer">
203   <path value="Observation.performer" />
204   <max value="0" />
205 </element>
206 <element id="Observation.performer.reference">
207   <path value="Observation.performer.reference" />
208   <min value="1" />
209   <mustSupport value="true" />
210 </element>
211 <element id="Observation.performer.type">
212   <path value="Observation.performer.type" />
213   <max value="0" />
214 </element>
215 <element id="Observation.performer.identifier">
216   <path value="Observation.performer.identifier" />
217   <max value="0" />

```

```

218 </element>
219 <element id="Observation.performer.display">
220 <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
221 <valueBoolean value="true" />
222 </extension>
223 <path value="Observation.performer.display" />
224 <max value="0" />
225 </element>
226 <element id="Observation.value[x]">
227 <path value="Observation.value[x]" />
228 <slicing>
229 <discriminator>
230 <type value="type" />
231 <path value="$this" />
232 </discriminator>
233 <rules value="closed" />
234 </slicing>
235 <min value="1" />
236 <type>
237 <code value="boolean" />
238 </type>
239 <mustSupport value="true" />
240 </element>
241 <element id="Observation.value[x]:valueBoolean">
242 <path value="Observation.value[x]" />
243 <sliceName value="valueBoolean" />
244 <min value="1" />
245 <type>
246 <code value="boolean" />
247 </type>
248 <fixedBoolean value="true" />
249 </element>
250 <element id="Observation.dataAbsentReason">
251 <path value="Observation.dataAbsentReason" />
252 <max value="0" />
253 </element>
254 <element id="Observation.interpretation">
255 <path value="Observation.interpretation" />
256 <max value="0" />
257 </element>
258 <element id="Observation.interpretation.coding">
259 <path value="Observation.interpretation.coding" />
260 <min value="1" />
261 <max value="1" />
262 <mustSupport value="true" />
263 </element>
264 <element id="Observation.interpretation.coding.system">
265 <path value="Observation.interpretation.coding.system" />
266 <min value="1" />
267 </element>
268 <element id="Observation.interpretation.coding.code">
269 <path value="Observation.interpretation.coding.code" />
270 <min value="1" />
271 </element>
272 <element id="Observation.interpretation.coding.display">
273 <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
274 <valueBoolean value="true" />
275 </extension>

```

```

276     <path value="Observation.interpretation.coding.display" />
277     <min value="1" />
278 </element>
279 <element id="Observation.interpretation.coding.userSelected">
280     <path value="Observation.interpretation.coding.userSelected" />
281     <max value="0" />
282 </element>
283 <element id="Observation.interpretation.text">
284     <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
285         <valueBoolean value="true" />
286     </extension>
287     <path value="Observation.interpretation.text" />
288     <definition value="In diesem Attribut sollen die entsprechende
Snomed-CT-Übersetzung 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" />
289     <min value="1" />
290     <mustSupport value="true" />
291 </element>
292 <element id="Observation.note">
293     <path value="Observation.note" />
294     <max value="0" />
295 </element>
296 <element id="Observation.note.author[x]">
297     <path value="Observation.note.author[x]" />
298     <max value="0" />
299 </element>
300 <element id="Observation.note.time">
301     <path value="Observation.note.time" />
302     <max value="0" />
303 </element>
304 <element id="Observation.bodySite">
305     <path value="Observation.bodySite" />
306     <max value="0" />
307 </element>
308 <element id="Observation.method">
309     <path value="Observation.method" />
310     <max value="0" />
311 </element>
312 <element id="Observation.specimen">
313     <path value="Observation.specimen" />
314     <max value="0" />
315 </element>
316 <element id="Observation.device">
317     <path value="Observation.device" />
318     <max value="0" />
319 </element>
320 <element id="Observation.referenceRange">
321     <path value="Observation.referenceRange" />
322     <max value="0" />
323 </element>
324 <element id="Observation.hasMember">
325     <path value="Observation.hasMember" />
326     <max value="0" />
327 </element>
328 <element id="Observation.derivedFrom">
329     <path value="Observation.derivedFrom" />
330     <max value="0" />
331 </element>

```

```
332     <element id="Observation.component">
333       <path value="Observation.component" />
334       <max value="0" />
335     </element>
336   </differential>
337 </StructureDefinition>
```

## 8. KBV\_PR\_MIO\_ZAEB\_ORGANIZATION

### KBV\_PR\_MIO\_ZAEB\_Organization

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Organization" />
3   <version value="1.00.000" />
4   <name value="KBV_PR_MIO_ZAEB_Organization" />
5   <title value="KBV_PR_MIO_ZAEB_Organization" />
6   <status value="active" />
7   <date value="2020-06-26" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
10  <fhirVersion value="4.0.1" />
11  <mapping>
12    <identity value="v2" />
13    <uri value="http://hl7.org/v2" />
14    <name value="HL7 v2 Mapping" />
15  </mapping>
16  <mapping>
17    <identity value="rim" />
18    <uri value="http://hl7.org/v3" />
19    <name value="RIM Mapping" />
20  </mapping>
21  <mapping>
22    <identity value="servd" />
23    <uri value="http://www.omg.org/spec/ServD/1.0/" />
24    <name value="ServD" />
25  </mapping>
26  <mapping>
27    <identity value="w5" />
28    <uri value="http://hl7.org/fhir/fivews" />
29    <name value="FiveWs Pattern Mapping" />
30  </mapping>
31  <kind value="resource" />
32  <abstract value="false" />
33  <type value="Organization" />
34  <baseDefinition value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_Base_Organization|1.00.002" />
35  <derivation value="constraint" />
36  <differential>
37    <element id="Organization">
38      <path value="Organization" />
39      <short value="Einrichtung" />
40      <definition value="Dieses Profil beschreibt eine Einrichtung,
zu der eine Person funktionell und organisatorisch zugehörig ist." />
41    </element>
42    <element id="Organization.meta">
43      <path value="Organization.meta" />
44      <min value="1" />
45    </element>
46    <element id="Organization.meta.versionId">
47      <path value="Organization.meta.versionId" />
48      <max value="0" />
49    </element>
50    <element id="Organization.meta.lastUpdated">
```

```

51     <path value="Organization.meta.lastUpdated" />
52     <max value="0" />
53 </element>
54 <element id="Organization.meta.source">
55     <path value="Organization.meta.source" />
56     <max value="0" />
57 </element>
58 <element id="Organization.meta.profile">
59     <path value="Organization.meta.profile" />
60     <min value="1" />
61     <max value="1" />
62     <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Organization|1.00.000" />
63 </element>
64 <element id="Organization.meta.security">
65     <path value="Organization.meta.security" />
66     <max value="0" />
67 </element>
68 <element id="Organization.meta.tag">
69     <path value="Organization.meta.tag" />
70     <max value="0" />
71 </element>
72 <element id="Organization.implicitRules">
73     <path value="Organization.implicitRules" />
74     <max value="0" />
75 </element>
76 <element id="Organization.language">
77     <path value="Organization.language" />
78     <max value="0" />
79 </element>
80 <element id="Organization.text">
81     <path value="Organization.text" />
82     <max value="0" />
83 </element>
84 <element id="Organization.contained">
85     <path value="Organization.contained" />
86     <max value="0" />
87 </element>
88 <element id="Organization.extension:ergaenzende_Angaben">
89     <path value="Organization.extension" />
90     <sliceName value="ergaenzende_Angaben" />
91     <max value="0" />
92 </element>
93 <element id="Organization.identifier">
94     <path value="Organization.identifier" />
95     <licing>
96         <discriminator>
97             <type value="value" />
98             <path value="type.coding.code" />
99         </discriminator>
100        <rules value="closed" />
101    </licing>
102    <min value="1" />
103    <max value="1" />
104    <mustSupport value="true" />
105 </element>
106 <element id="Organization.identifier:Institutionskennzeichen">
107     <path value="Organization.identifier" />
108     <sliceName value="Institutionskennzeichen" />
109     <max value="1" />

```

```

110     <mustSupport value="true" />
111 </element>
112 <element id="Organization.identifier:Institutionskennzeichen.type">
113     <path value="Organization.identifier.type" />
114     <min value="1" />
115 </element>
116 <element id="Organization.identifier:Institutionskennzeichen.type.c
oding">
117     <path value="Organization.identifier.type.coding" />
118     <slicing>
119         <discriminator>
120             <type value="value" />
121             <path value="system" />
122         </discriminator>
123         <rules value="open" />
124     </slicing>
125     <min value="1" />
126 </element>
127 <element id="Organization.identifier:Betriebsstaettennummer">
128     <path value="Organization.identifier" />
129     <sliceName value="Betriebsstaettennummer" />
130     <max value="1" />
131     <mustSupport value="true" />
132 </element>
133 <element id="Organization.identifier:Betriebsstaettennummer.type">
134     <path value="Organization.identifier.type" />
135     <min value="1" />
136 </element>
137 <element id="Organization.identifier:VKNR">
138     <path value="Organization.identifier" />
139     <sliceName value="VKNR" />
140     <max value="0" />
141 </element>
142 <element id="Organization.identifier:KZV-Abrechnungsnummer">
143     <path value="Organization.identifier" />
144     <sliceName value="KZV-Abrechnungsnummer" />
145     <mustSupport value="true" />
146 </element>
147 <element id="Organization.identifier:KZV-Abrechnungsnummer.type">
148     <path value="Organization.identifier.type" />
149     <min value="1" />
150 </element>
151 <element id="Organization.active">
152     <path value="Organization.active" />
153     <max value="0" />
154 </element>
155 <element id="Organization.type">
156     <path value="Organization.type" />
157     <max value="0" />
158 </element>
159 <element id="Organization.name">
160     <path value="Organization.name" />
161     <min value="1" />
162     <mustSupport value="true" />
163 </element>
164 <element id="Organization.alias">
165     <path value="Organization.alias" />
166     <max value="0" />
167 </element>
168 <element id="Organization.telecom">

```



```

169     <path value="Organization.telecom" />
170     <mustSupport value="true" />
171 </element>
172 <element id="Organization.telecom.use">
173     <path value="Organization.telecom.use" />
174     <max value="0" />
175 </element>
176 <element id="Organization.telecom.rank">
177     <path value="Organization.telecom.rank" />
178     <max value="0" />
179 </element>
180 <element id="Organization.telecom.period">
181     <path value="Organization.telecom.period" />
182     <max value="0" />
183 </element>
184 <element id="Organization.address">
185     <path value="Organization.address" />
186     <slicing>
187         <discriminator>
188             <type value="value" />
189             <path value="type" />
190         </discriminator>
191         <rules value="closed" />
192     </slicing>
193     <min value="1" />
194     <max value="1" />
195     <type>
196         <code value="Address" />
197         <profile value="http://fhir.de/StructureDefinition/address-
de-basis" />
198     </type>
199     <mustSupport value="true" />
200 </element>
201 <element id="Organization.address:Strassenanschrift">
202     <path value="Organization.address" />
203     <sliceName value="Strassenanschrift" />
204     <mustSupport value="true" />
205 </element>
206 <element id="Organization.address:Strassenanschrift.extension:Stadt
teil">
207     <path value="Organization.address.extension" />
208     <sliceName value="Stadtteil" />
209     <mustSupport value="true" />
210 </element>
211 <element id="Organization.address:Strassenanschrift.line">
212     <path value="Organization.address.line" />
213     <min value="1" />
214 </element>
215 <element id="Organization.address:Strassenanschrift.line.extension:
Strasse">
216     <path value="Organization.address.line.extension" />
217     <sliceName value="Strasse" />
218     <min value="1" />
219     <mustSupport value="true" />
220 </element>
221 <element id="Organization.address:Strassenanschrift.line.extension:
Hausnummer">
222     <path value="Organization.address.line.extension" />
223     <sliceName value="Hausnummer" />
224     <mustSupport value="true" />

```

```

225     </element>
226     <element id="Organization.address:Strassenanschrift.line.extension:
Adresszusatz">
227         <path value="Organization.address.line.extension" />
228         <sliceName value="Adresszusatz" />
229         <mustSupport value="true" />
230     </element>
231     <element id="Organization.address:Strassenanschrift.city">
232         <path value="Organization.address.city" />
233         <mustSupport value="true" />
234     </element>
235     <element id="Organization.address:Strassenanschrift.state">
236         <path value="Organization.address.state" />
237         <max value="0" />
238     </element>
239     <element id="Organization.address:Strassenanschrift.postalCode">
240         <path value="Organization.address.postalCode" />
241         <min value="1" />
242         <mustSupport value="true" />
243     </element>
244     <element id="Organization.address:Strassenanschrift.country">
245         <path value="Organization.address.country" />
246         <mustSupport value="true" />
247     </element>
248     <element id="Organization.address:Strassenanschrift.period">
249         <path value="Organization.address.period" />
250         <max value="0" />
251     </element>
252     <element id="Organization.address:Postfach">
253         <path value="Organization.address" />
254         <sliceName value="Postfach" />
255         <max value="0" />
256     </element>
257     <element id="Organization.partOf">
258         <path value="Organization.partOf" />
259         <max value="0" />
260     </element>
261     <element id="Organization.contact">
262         <path value="Organization.contact" />
263         <max value="0" />
264     </element>
265     <element id="Organization.contact.purpose">
266         <path value="Organization.contact.purpose" />
267         <max value="0" />
268     </element>
269     <element id="Organization.contact.name">
270         <path value="Organization.contact.name" />
271         <max value="0" />
272     </element>
273     <element id="Organization.contact.telecom">
274         <path value="Organization.contact.telecom" />
275         <min value="1" />
276         <max value="1" />
277     </element>
278     <element id="Organization.contact.telecom.system">
279         <path value="Organization.contact.telecom.system" />
280         <min value="1" />
281     </element>
282     <element id="Organization.contact.telecom.value">
283         <path value="Organization.contact.telecom.value" />

```

```
284     <min value="1" />
285 </element>
286 <element id="Organization.contact.telecom.use">
287     <path value="Organization.contact.telecom.use" />
288     <max value="0" />
289 </element>
290 <element id="Organization.contact.telecom.rank">
291     <path value="Organization.contact.telecom.rank" />
292     <max value="0" />
293 </element>
294 <element id="Organization.contact.telecom.period">
295     <path value="Organization.contact.telecom.period" />
296     <max value="0" />
297 </element>
298 <element id="Organization.contact.address">
299     <path value="Organization.contact.address" />
300     <max value="0" />
301 </element>
302 <element id="Organization.endpoint">
303     <path value="Organization.endpoint" />
304     <max value="0" />
305 </element>
306 </differential>
307 </StructureDefinition>
```

## 9. KBV\_PR\_MIO\_ZAEB\_PATIENT

### KBV\_PR\_MIO\_ZAEB\_Patient

```
1 <StructureDefinition xmlns="http://hl7.org/fhir">
2   <url value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Patient" />
3   <version value="1.00.000" />
4   <name value="KBV_PR_MIO_ZAEB_Patient" />
5   <title value="KBV_PR_MIO_ZAEB_Patient" />
6   <status value="active" />
7   <date value="2020-06-26" />
8   <publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
9   <copyright value="Copyright © [2020], Kassenärztliche Bundesvereinigung
(KBV). All rights reserved." />
10  <fhirVersion value="4.0.1" />
11  <mapping>
12    <identity value="rim" />
13    <uri value="http://hl7.org/v3" />
14    <name value="RIM Mapping" />
15  </mapping>
16  <mapping>
17    <identity value="cda" />
18    <uri value="http://hl7.org/v3/cda" />
19    <name value="CDA (R2)" />
20  </mapping>
21  <mapping>
22    <identity value="w5" />
23    <uri value="http://hl7.org/fhir/fivews" />
24    <name value="FiveWs Pattern Mapping" />
25  </mapping>
26  <mapping>
27    <identity value="v2" />
28    <uri value="http://hl7.org/v2" />
29    <name value="HL7 v2 Mapping" />
30  </mapping>
31  <mapping>
32    <identity value="loinc" />
33    <uri value="http://loinc.org" />
34    <name value="LOINC code for the element" />
35  </mapping>
36  <kind value="resource" />
37  <abstract value="false" />
38  <type value="Patient" />
39  <baseDefinition value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_Base_Patient" />
40  <derivation value="constraint" />
41  <differential>
42    <element id="Patient">
43      <path value="Patient" />
44      <short value="Patient" />
45      <definition value="Dieses Element beschreibt eine Person, die
eine oder mehrere medizinische Leistungen in Anspruch nimmt." />
46      <mapping>
47        <identity value="MIO-Bonusheft" />
48        <map value="Patient.Geburtsdatum" />
49      </mapping>
50    </element>
```

```

51     <element id="Patient.meta">
52       <path value="Patient.meta" />
53       <min value="1" />
54     </element>
55     <element id="Patient.meta.versionId">
56       <path value="Patient.meta.versionId" />
57       <max value="0" />
58     </element>
59     <element id="Patient.meta.lastUpdated">
60       <path value="Patient.meta.lastUpdated" />
61       <max value="0" />
62     </element>
63     <element id="Patient.meta.source">
64       <path value="Patient.meta.source" />
65       <max value="0" />
66     </element>
67     <element id="Patient.meta.profile">
68       <path value="Patient.meta.profile" />
69       <min value="1" />
70       <max value="1" />
71       <fixedCanonical value="https://fhir.kbv.de/StructureDefinition/
KBV_PR_MIO_ZAEB_Patient|1.00.000" />
72     </element>
73     <element id="Patient.meta.security">
74       <path value="Patient.meta.security" />
75       <max value="0" />
76     </element>
77     <element id="Patient.meta.tag">
78       <path value="Patient.meta.tag" />
79       <max value="0" />
80     </element>
81     <element id="Patient.implicitRules">
82       <path value="Patient.implicitRules" />
83       <max value="0" />
84     </element>
85     <element id="Patient.language">
86       <path value="Patient.language" />
87       <max value="0" />
88     </element>
89     <element id="Patient.text">
90       <path value="Patient.text" />
91       <max value="0" />
92     </element>
93     <element id="Patient.text.status">
94       <path value="Patient.text.status" />
95       <fixedCode value="extensions" />
96     </element>
97     <element id="Patient.contained">
98       <path value="Patient.contained" />
99       <max value="0" />
100    </element>
101    <element id="Patient.identifier">
102      <path value="Patient.identifier" />
103      <min value="1" />
104      <mustSupport value="true" />
105    </element>
106    <element id="Patient.identifier:pid">
107      <path value="Patient.identifier" />
108      <sliceName value="pid" />
109      <max value="1" />

```

```

110     <mustSupport value="true" />
111 </element>
112 <element id="Patient.identifier:pid.period">
113   <path value="Patient.identifier.period" />
114   <max value="0" />
115 </element>
116 <element id="Patient.identifier:pid.assigner">
117   <path value="Patient.identifier.assigner" />
118   <max value="0" />
119 </element>
120 <element id="Patient.identifier:versichertenId_GKV">
121   <path value="Patient.identifier" />
122   <sliceName value="versichertenId_GKV" />
123   <definition value="Unveränderlicher Teil der einheitlichen
Krankenversicherungsnummer der GKV gemäß § 290 SGB V." />
124   <mustSupport value="true" />
125   <mapping>
126     <identity value="MIO-Bonusheft" />
127     <map value="Person.identifier.Versichertennummer" />
128   </mapping>
129 </element>
130 <element id="Patient.identifier:versichertenId_GKV.type">
131   <path value="Patient.identifier.type" />
132   <min value="1" />
133 </element>
134 <element id="Patient.identifier:versichertenId_GKV.type.coding:GKV-
Type">
135   <path value="Patient.identifier.type.coding" />
136   <sliceName value="GKV-Type" />
137 </element>
138 <element id="Patient.identifier:versichertenId_GKV.type.coding:GKV-
Type.userSelected">
139   <path value="Patient.identifier.type.coding.userSelected" />
140   <max value="0" />
141 </element>
142 <element id="Patient.identifier:versichertenId_GKV.type.text">
143   <extension url="http://hl7.org/fhir/StructureDefinition/
elementdefinition-translatable">
144     <valueBoolean value="true" />
145   </extension>
146   <path value="Patient.identifier.type.text" />
147   <max value="0" />
148 </element>
149 <element id="Patient.identifier:versichertenId_GKV.value">
150   <path value="Patient.identifier.value" />
151   <maxLength value="10" />
152 </element>
153 <element id="Patient.identifier:versichertenId_GKV.period">
154   <path value="Patient.identifier.period" />
155   <max value="0" />
156 </element>
157 <element id="Patient.identifier:versichertenId_GKV.assigner">
158   <path value="Patient.identifier.assigner" />
159   <max value="0" />
160 </element>
161 <element id="Patient.identifier:versichertennummer_pkv">
162   <path value="Patient.identifier" />
163   <sliceName value="versichertennummer_pkv" />
164   <max value="0" />
165 </element>

```

```

166 <element id="Patient.identifier:reisepassnummer">
167   <path value="Patient.identifier" />
168   <sliceName value="reisepassnummer" />
169   <max value="0" />
170 </element>
171 <element id="Patient.identifier:versichertennummer_kvkk">
172   <path value="Patient.identifier" />
173   <sliceName value="versichertennummer_kvkk" />
174   <max value="0" />
175 </element>
176 <element id="Patient.active">
177   <path value="Patient.active" />
178   <max value="0" />
179 </element>
180 <element id="Patient.name">
181   <path value="Patient.name" />
182   <max value="1" />
183   <mustSupport value="true" />
184 </element>
185 <element id="Patient.name:name">
186   <path value="Patient.name" />
187   <sliceName value="name" />
188   <min value="1" />
189   <constraint>
190     <key value="Nachname" />
191     <severity value="error" />
192     <human value="Der Nachname darf nicht absolut leer sein" />
193     <expression value="family.extension('http://hl7.org/fhir/
StructureDefinition/humanname-own-name').valueString.length()>0" />
194     <source value="Patient" />
195   </constraint>
196   <constraint>
197     <key value="Vorname" />
198     <severity value="error" />
199     <human value="Der Vorname darf nicht absolut leer sein" />
200     <expression value="given.length()>0" />
201     <source value="Patient" />
202   </constraint>
203   <mustSupport value="true" />
204 </element>
205 <element id="Patient.name:name.text">
206   <path value="Patient.name.text" />
207   <mustSupport value="true" />
208 </element>
209 <element id="Patient.name:name.family.extension:namenszusatz">
210   <path value="Patient.name.family.extension" />
211   <sliceName value="namenszusatz" />
212   <mustSupport value="true" />
213 </element>
214 <element id="Patient.name:name.family.extension:namenszusatz.value[
x]">
215   <path value="Patient.name.family.extension.value[x]" />
216   <mustSupport value="true" />
217 </element>
218 <element id="Patient.name:name.family.extension:nachname">
219   <path value="Patient.name.family.extension" />
220   <sliceName value="nachname" />
221   <min value="1" />
222   <mustSupport value="true" />
223 </element>

```

```

224 <element id="Patient.name.name.family.extension:nachname.value[x]">
225   <path value="Patient.name.family.extension.value[x]" />
226   <maxLength value="45" />
227   <mustSupport value="true" />
228 </element>
229 <element id="Patient.name.name.family.extension:vorsatzwort">
230   <path value="Patient.name.family.extension" />
231   <sliceName value="vorsatzwort" />
232   <mustSupport value="true" />
233 </element>
234 <element id="Patient.name.name.family.extension:vorsatzwort.value[x
]">
235   <path value="Patient.name.family.extension.value[x]" />
236   <maxLength value="20" />
237   <mustSupport value="true" />
238 </element>
239 <element id="Patient.name.name.given">
240   <path value="Patient.name.given" />
241   <mustSupport value="true" />
242 </element>
243 <element id="Patient.name.name.prefix">
244   <path value="Patient.name.prefix" />
245   <mustSupport value="true" />
246 </element>
247 <element id="Patient.name.name.prefix.extension:prefix-qualifier">
248   <path value="Patient.name.prefix.extension" />
249   <sliceName value="prefix-qualifier" />
250   <mustSupport value="true" />
251 </element>
252 <element id="Patient.name.name.prefix.extension:prefix-
qualifier.value[x]">
253   <path value="Patient.name.prefix.extension.value[x]" />
254   <mustSupport value="true" />
255 </element>
256 <element id="Patient.name.name.prefix.extension:prefix-
qualifier.value[x]:valueCode">
257   <path value="Patient.name.prefix.extension.value[x]" />
258   <sliceName value="valueCode" />
259   <min value="1" />
260 </element>
261 <element id="Patient.name.name.suffix">
262   <path value="Patient.name.suffix" />
263   <max value="0" />
264 </element>
265 <element id="Patient.name.name.period">
266   <path value="Patient.name.period" />
267   <max value="0" />
268 </element>
269 <element id="Patient.name.geburtsname">
270   <path value="Patient.name" />
271   <sliceName value="geburtsname" />
272   <definition value="Dieses Element beschreibt eine Person, die
eine oder mehrere medizinische Leistungen in Anspruch nimmt." />
273   <max value="0" />
274   <constraint>
275     <key value="Geburtsname" />
276     <severity value="error" />
277     <human value="Der Geburtsname darf nicht absolut leer
sein" />

```



```

278         <expression value="family.extension('http://hl7.org/fhir/
StructureDefinition/humanname-own-name').valueString.length()>0" />
279         <source value="Patient" />
280     </constraint>
281 </element>
282 <element id="Patient.telecom">
283     <path value="Patient.telecom" />
284     <max value="0" />
285 </element>
286 <element id="Patient.gender">
287     <path value="Patient.gender" />
288     <max value="0" />
289 </element>
290 <element id="Patient.birthDate">
291     <path value="Patient.birthDate" />
292     <mustSupport value="true" />
293     <mapping>
294         <identity value="MIO-Bonusheft" />
295         <map value="Patient.Geburtsdatum" />
296     </mapping>
297 </element>
298 <element id="Patient.deceased[x]">
299     <path value="Patient.deceased[x]" />
300     <max value="0" />
301 </element>
302 <element id="Patient.address">
303     <path value="Patient.address" />
304     <min value="1" />
305     <max value="1" />
306     <mustSupport value="true" />
307 </element>
308 <element id="Patient.address:Strassenanschrift">
309     <path value="Patient.address" />
310     <sliceName value="Strassenanschrift" />
311     <min value="1" />
312     <mustSupport value="true" />
313 </element>
314 <element id="Patient.address:Strassenanschrift.extension:Stadtteil">
315     <path value="Patient.address.extension" />
316     <sliceName value="Stadtteil" />
317     <mustSupport value="true" />
318 </element>
319 <element id="Patient.address:Strassenanschrift.text">
320     <path value="Patient.address.text" />
321     <max value="0" />
322 </element>
323 <element id="Patient.address:Strassenanschrift.line.extension:Stras
se">
324     <path value="Patient.address.line.extension" />
325     <sliceName value="Strasse" />
326     <mustSupport value="true" />
327 </element>
328 <element id="Patient.address:Strassenanschrift.line.extension:Hausn
ummer">
329     <path value="Patient.address.line.extension" />
330     <sliceName value="Hausnummer" />
331     <mustSupport value="true" />
332 </element>
333 <element id="Patient.address:Strassenanschrift.line.extension:Adres
szusatz">

```

```

334     <path value="Patient.address.line.extension" />
335     <sliceName value="Adresszusatz" />
336     <mustSupport value="true" />
337 </element>
338 <element id="Patient.address:Strassenanschrift.state">
339   <path value="Patient.address.state" />
340   <max value="0" />
341 </element>
342 <element id="Patient.address:Strassenanschrift.postalCode">
343   <path value="Patient.address.postalCode" />
344   <mustSupport value="true" />
345 </element>
346 <element id="Patient.address:Strassenanschrift.country">
347   <path value="Patient.address.country" />
348   <mustSupport value="true" />
349 </element>
350 <element id="Patient.address:Strassenanschrift.period">
351   <path value="Patient.address.period" />
352   <max value="0" />
353 </element>
354 <element id="Patient.address:Postfach">
355   <path value="Patient.address" />
356   <sliceName value="Postfach" />
357   <max value="0" />
358 </element>
359 <element id="Patient.maritalStatus">
360   <path value="Patient.maritalStatus" />
361   <max value="0" />
362 </element>
363 <element id="Patient.multipleBirth[x]">
364   <path value="Patient.multipleBirth[x]" />
365   <max value="0" />
366 </element>
367 <element id="Patient.photo">
368   <path value="Patient.photo" />
369   <max value="0" />
370 </element>
371 <element id="Patient.contact">
372   <extension url="http://hl7.org/fhir/StructureDefinition/
373     structuredefinition-explicit-type-name">
374     <valueString value="Contact" />
375   </extension>
376   <path value="Patient.contact" />
377   <max value="0" />
378 </element>
379 <element id="Patient.contact.name.prefix.extension">
380   <path value="Patient.contact.name.prefix.extension" />
381   <slicing>
382     <discriminator>
383       <type value="value" />
384       <path value="url" />
385     </discriminator>
386     <rules value="open" />
387   </slicing>
388 </element>
389 <element id="Patient.contact.name.prefix.extension:prefix-
390   qualifier">
391   <path value="Patient.contact.name.prefix.extension" />
392   <sliceName value="prefix-qualifier" />
393 </element>

```

```

392     <element id="Patient.contact.name.prefix.extension:prefix-
qualifier.url">
393         <path value="Patient.contact.name.prefix.extension.url" />
394         <fixedUri value="prefix-qualifier" />
395     </element>
396     <element id="Patient.contact.name.prefix.extension:prefix-
qualifier.value[x]">
397         <path value="Patient.contact.name.prefix.extension.value[x]" />
398         <slicing>
399             <discriminator>
400                 <type value="type" />
401                 <path value="$this" />
402             </discriminator>
403             <rules value="open" />
404         </slicing>
405     </element>
406     <element id="Patient.communication">
407         <path value="Patient.communication" />
408         <max value="0" />
409     </element>
410     <element id="Patient.generalPractitioner">
411         <path value="Patient.generalPractitioner" />
412         <max value="0" />
413     </element>
414     <element id="Patient.managingOrganization">
415         <path value="Patient.managingOrganization" />
416         <max value="0" />
417     </element>
418     <element id="Patient.link">
419         <path value="Patient.link" />
420         <max value="0" />
421     </element>
422 </differential>
423 </StructureDefinition>

```

## 10. KBV\_VS\_MIO\_ZAEB\_PREVENTATIVE\_CHECKUP\_TYPE

KBV_VS_MIO_ZAEB_Preventative_Checkup_Type	
1	<ValueSet xmlns="http://hl7.org/fhir">
2	<url value="https://fhir.kbv.de/ValueSet/ KBV_VS_MIO_ZAEB_Preventative_Checkup_Type" />
3	<version value="1.00.000" />
4	<name value="KBV_VS_MIO_ZAEB_Preventative_Checkup_Type" />
5	<title value="KBV_VS_MIO_ZAEB_Preventative_Checkup_Type" />
6	<status value="active" />
7	<experimental value="false" />
8	<date value="2020-06-26" />
9	<publisher value="Kassenärztliche Bundesvereinigung (KBV)" />
10	<description value="Art der Vorsorgeuntersuchung" />
11	<immutable value="false" />
12	<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." />
13	<compose>
14	<include>
15	<system value="http://snomed.info/sct" />
16	<concept>
17	<code value="2115003" />
18	<display value="Dental prophylaxis, children (procedure)" />
19	</concept>
20	<concept>
21	<code value="63963009" />
22	<display value="Dental prophylaxis, adult (procedure)" />
23	</concept>
24	</include>
25	</compose>
26	</ValueSet>

## ARTIKEL 3 - FESTLEGUNGEN ZUR SIGNATUR

Wenn eine Signatur des medizinischen Informationsobjektes Zahnärztliches Bonusheft 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\_ZAEB\_Bundle.

Bei der Eintragung von Daten zu durchgeführten Zahnvorsorgeuntersuchungen (entsprechend der Anlage 3 zum Bundesmantelvertrag-Zahnärzte (BMV-Z)) muss eine Signatur gesetzt werden.

Bei der Signatur handelt es sich um eine Signatur mit dem elektronischen Praxisausweis (Security Module Card Typ B (SMC-B)).

## **ARTIKEL 4 - INKRAFTTRETEN UND GELTUNG**

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