

RED interchange API - Search/Read Coverages

Coverages contain information about a patient's payer and health insurance - they represent the episodes in RED. Coverages can be searched using a **search request (GET)**. Search must include the identifier of the patient to fetch the coverage for and returns a bundle of one or more FHIR items of type [KBV_PR_AW_Krankenversicherungsverhaeltnis](#).

SEARCH request for all coverages for a specific patient

```
{{baseURL}}/{{tenant}}/Coverage?page=1&beneficiary=Patient/6006
```

Example: this search request fetches all coverages for patient 6006 using paging to limit the number of results.

Data of a specific coverage may be fetched using a **read request (GET)** with the identifier of the specific coverage. The request returns a FHIR item of type [KBV_PR_AW_Krankenversicherungsverhaeltnis](#).

READ request for a specific coverage

```
{{baseURL}}/{{tenant}}/Coverage/ehcTAC8LUn$1KtRW
```

Example: this read request returns the FHIR item for the coverage with ID ehcTAC8LUn\$1KtRW. The ID may be retrieved by a search request sent before this request.

Example of a FHIR item coverage

```
<Coverage xmlns="http://hl7.org/fhir">
  <id value="ehcTAC8LUn$1ktRW"/>
  <meta>
    <versionId value="1"/>
    <lastUpdated value="2022-08-03T12:29:36+00:00"/>
    <profile value="https://fhir.kbv.de/StructureDefinition/KBV_PR_AW_Krankenversicherungsverhaeltnis|1.2.0"
  />
  </meta>
  <text>
    <status value="extensions"/>
    <div xmlns="http://www.w3.org/1999/xhtml">Krankenversicherungsverhaeltnis von Patient Luca Fink</div>
  </text>
  <extension url="http://fhir.de/StructureDefinition/gkv/versichertenart">
    <valueCoding>
      <system value="https://fhir.kbv.de/CodeSystem/KBV_CS_SFHIR_KBV_VERSICHERTENSTATUS"/>
      <code value="1"/>
    </valueCoding>
  </extension>
  <extension url="http://fhir.de/StructureDefinition/gkv/wop">
    <valueCoding>
      <system value="https://fhir.kbv.de/CodeSystem/KBV_CS_SFHIR_ITA_WOP"/>
      <code value="51"/>
    </valueCoding>
  </extension>
  <extension url="http://fhir.de/StructureDefinition/gkv/besondere-personengruppe">
    <valueCoding>
      <system value="https://fhir.kbv.de/CodeSystem/KBV_CS_SFHIR_KBV_PERSONENGRUPPE"/>
      <code value="00"/>
    </valueCoding>
  </extension>
  <extension url="http://fhir.de/StructureDefinition/gkv/dmp-kennzeichen">
    <valueCoding>
      <system value="https://fhir.kbv.de/CodeSystem/KBV_CS_SFHIR_KBV_DMP"/>
      <code value="00"/>
    </valueCoding>
  </extension>
  <extension url="http://fhir.de/StructureDefinition/gkv/zuzahlungsstatus">
    <extension url="status">
      <valueBoolean value="false"/>
    </extension>
  </extension>
  <status value="cancelled"/>
  <type>
    <coding>
      <system value="http://fhir.de/CodeSystem/versicherungsart-de-basis"/>
      <version value="0.9.12"/>
      <code value="GKV"/>
    </coding>
  </type>
  <beneficiary>
    <reference value="Patient/6tVbNJZq1buNwKmp6UKpd8CpLceNDlRF/_history/1"/>
  </beneficiary>
  <period>
    <start value="2022-01-01"/>
    <end value="2022-03-31"/>
  </period>
  <payor>
    <identifier>
      <system value="http://fhir.de/NamingSystem/arge-ik/iknr"/>
      <value value="100019806"/>
    </identifier>
    <display value="Sozialamt des Kreises Borken"/>
  </payor>
</Coverage>
```