

RED interchange API - Search/Read Encounters

Encounters represent a patient visit or consultation. Each time a patient record is created for a patient there will be corresponding encounter. Encounters are assigned to a patient and may be searched. A **search request (GET)** for patient encounters returns a bundle of one or more FHIR items of type [KBV_PR_AW_Begegnung](#).

Example for a SEARCH request for encounters

```
{{baseUrl}}/{{tenant}}/Encounter?page=1&subject=Patient/6009
```

Example: this search requests fetches all encounters of patient 6009 using paging to limit the number of results.

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

Example of a READ request for a specific encounter

```
{{baseUrl}}/{{tenant}}/Encounter/TTwnq1kqRk8v5uwmL7BkyOAHfDJmYbiz
```

Example: this read request returns the FHIR item for encounter with ID TTwnq1kqRk8v5uwmL7BkyOAHfDJmYbiz. The ID may be retrieved by a search request sent before this request.

Example of a FHIR item for an encounter

```
<Encounter xmlns="http://hl7.org/fhir">
  <id value="TTwnq1kqRk8v5uwmL7BkyOAHfDJmYbiz" />
  <meta>
    <versionId value="1" />
    <lastUpdated value="2022-07-03T09:37:50+00:00" />
    <profile value="https://fhir.kbv.de/StructureDefinition/KBV_PR_AW_Begegnung|1.2.0" />
  </meta>
  <text>
    <status value="extensions" />
    <div xmlns="http://www.w3.org/1999/xhtml">Begegnung vom 02.07.2022 bis 02.07.2022 (V1) | ID TTwnq1kqRk8v5uwmL7BkyOAHfDJmYbiz | Status beendet | Klassifizierung ambulante Behandlung | Patient Dirk Wulf | Behandlerkontext LANR 362364901/BSNR 478818100 Dr. med. Annie More (1) | Organisation Betriebsstätte RED Medical Systems | zuletzt bearbeitet 2022-07-03T09:37:50+00:00</div>
  </text>
  <status value="finished" />
  <class>
    <system value="http://terminology.hl7.org/CodeSystem/v3-ActCode" />
    <code value="AMB" />
  </class>
  <subject>
    <reference value="Patient/W4BYbPJsGvWA2sGEfQd9rLv7FFnDeXbh/_history/1" />
  </subject>
  <participant>
    <individual>
      <reference value="PractitionerRole/TcYtTcJHpzXbgAoEAG091FE05w0ZhrXn/_history/1" />
    </individual>
  </participant>
  <period>
    <start value="2022-07-02" />
    <end value="2022-07-02" />
  </period>
  <serviceProvider>
    <reference value="Organization/yYJliAwYeocr1h2HJM0HWzGeWJMcjJrM/_history/1" />
  </serviceProvider>
</Encounter>
```