

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.

For an example see [RED Interchange API - Postman Collection](#) 0104 - Patient - All Encounters (Begegnungen)

A request for Encounters may be extended with a date range. If date range is given RED will return encounters only if their from and/or to dates will match the given date range. The number of coverages to be returned for one request is limited, so paging should be used.

Example for a SEARCH request for encounters within a given date range

```
{{baseUrl}}/{{tenant}}/Encounter?page=1&subject=Patient/6020&from=20230101&to=20230630
```

For an example see [RED Interchange API - Postman Collection](#) 0105 - Patient - Encounters in date range

Giving only one parameter will return all coverages matching the daterange (e.g. from date of 01.01.2023 will return coverages from first quarter of 2023 until today)

Example for a SEARCH request for encounters from a given date

```
{{baseUrl}}/{{tenant}}/Encounter?page=1&subject=Patient/6020&from=20230331
```

For an example see [RED Interchange API - Postman Collection](#) 0106 - Patient - Encounters from date

Example of a FHIR item for an encounter

```
<Encounter xmlns="http://hl7.org/fhir">
  <id value="TTwnq1kqRk8v5uwmL7Bky0AHfDJmYbiz"/>
  <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
TTwnq1kqRk8v5uwmL7Bky0AHfDJmYbiz | 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/yYJ1iAwyEocr1h2HJM0HWzGewJMcjJrM/_history/1"/>
  </serviceProvider>
</Encounter>
```