

# RED interchange API - E-Prescription / Physician / Create prescriptions and bulk processing

Medication prescriptions can be sent to RED using the FHIR interface and are stored in the RED database (see [RED interchange API - Create Data Medication](#)). In order to create prescriptions the user must be in the role of a physician and use a physician SMC-B card.

Processing of the electronic prescriptions may be triggered by a separate request (e.g. at the end of the day). RED processes all stored prescriptions that have not been processed yet, prompts the user for the electronic signature, sends the signed prescriptions to Fachdienst and returns an array of all task-ids. In order to accept a process prescriptions must be in the role of a physician and use a **physician SMC-B** card.

GET request triggering bulk processing requests for electronic prescriptions
<code>{{baseUrl}}/{{tenant}}/TI?action=\$processerp</code>

See [RED Interchange API - Postman Collection](#)

- 0231- Patient und Medication PZN and create ERP: creates a new person with coverage, practitioner and organization and medication, then creates an electronic prescription and returns the prescription task ID
- 0233 - Patient und Medication Rezeptur and create ERP: creates a new person with coverage, practitioner and organization and medication for an extemporaneous mixture, then creates an electronic prescription and returns the prescription task ID

RED returns an array of prescriptions with person information and prescription lines

## Result of bulk processing of a stored prescription

```
<Prescriptions>
  <person>
    <person>
      <lastname>Kastner</lastname>
      <firstname>Tobias</firstname>
      <birthday>1935-05-21</birthday>
    </person>
    <prescriptions>
      <prescription>
        <name>ENCEPUR KINDER / 1 FER N1</name>
        <url>{"urls":["Task/160.000.203.391.781.13/$accept?
ac=1da7bfla92146b0d249380df07150465c0945798c1c9f65aadf8c3de687bb685"]}</url>
        </prescription>
      </prescriptions>
    </person>
    <person>
      <person>
        <lastname>Meier</lastname>
        <firstname>Luca</firstname>
        <birthday>2012-10-08</birthday>
      </person>
      <prescriptions>
        <prescription>
          <name>Hydrochlorothiazid 2mg/ml (NRF 26.4) Suspension</name>
          <url>{"urls":["Task/160.000.203.391.782.10/$accept?
ac=2058ffbe2fbf0ac890d948ded9e5d9a7f777783f6f233d05a38849fdf019483f"]}</url>
          </prescription>
        </prescriptions>
      </person>
      <person>
        <person>
          <lastname>Finkel</lastname>
          <firstname>Michelle</firstname>
          <birthday>2005-05-08</birthday>
        </person>
        <prescriptions>
          <prescription>
            <name>Viskose Aluminiumchlorid Hexahydrat-Lösung 20%(NRF 11.132.)</name>
            <url>{"urls":["Task/160.000.203.391.783.07/$accept?
ac=45111875220241da5aa3f8c4a16580e5fc3d4aea2fdd4acdf507bada90828b8a"]}</url>
            </prescription>
          </prescriptions>
        </person>
      </Prescriptions>
```

If the request could not be processed successfully an error message is returned

## Error object

```
{
  "Error": {
    "key": "erp.service.signdocument.error",
    "desc": "Es gab ein Problem beim Signieren des Dokuments",
    "hint": "Möglicherweise wurde die PIN nicht korrekt eingegeben?"
  }
}
```