

# CONCEPT\_PRINT\_EVS\_Scenarios\_Basic\_test

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## Scope

This page contains the Kmehrmessages for testing the integration of the 4 mainly used Kmehr tables.

## Instructions for EVS use

The EVS export file contain all MSE transactions used for the test.

Before each download test, this export file should be uploaded using the EVS-action REPLACE and your own test patient.

The EVS parameter writeAsIs must be set to *false*.

## S01R10: CD-ADMINISTRATIONUNIT

### Description

This [EVS export \(EVS\)](#) contains for each code of CD-ADMINISTRATIONUNIT a unique medication.

Each medication has in the text of the "medicationuse" healthcareelement the value <dutch translation>.

### Example

```
...
<transaction>
  ...
  <item>
    <id S="ID-KMEHR" SV="1.0">2</id>
    <cd S="CD-ITEM" SV="1.11">medication</cd>
    ...
    <regimen>
      ...
      <quantity>
        <decimal>1</decimal>
        <unit>
          <cd S="CD-ADMINISTRATIONUNIT" SV="1.2">tsp</cd>
        </unit>
      </quantity>
      ...
    </regimen>
    ...
  </item>
  ...
  <item>
    <id S="ID-KMEHR" SV="1.0">3</id>
    <cd S="CD-ITEM" SV="1.11">healthcareelement</cd>
    <content>
      <cd S="CD-ITEM-MS" SV="1.0">medicationuse</cd>
    </content>
    <content>
      <text L="nl">Koffielepel</text>
    </content>
  </item>
  ...
</transaction>
...
```

This allows to verify quickly, in the reading application, if the free text value matches the parsed values.

E.g. for the EVS:

| Permanente geneesmiddelen  |               |            |      |                                 | Ontbijt |      |         |    | Middagmaal |         |    | Avondmaal |         |    | Slaap |  | Opmerkingen  |
|--|---------------|------------|------|---------------------------------|---------|------|---------|----|------------|---------|----|-----------|---------|----|-------|--|--|
| Geneesmiddel   | Freq.         | Begin      | Eind | Inname/Eenheid                  | Ochtend | Voor | Tijdens | Na | Voor       | Tijdens | Na | Voor      | Tijdens | Na | Slaap |  |  |
| Aspirine 500 mg<br>(36 inrustabletten)<br>25900 / 1<br>Katrien Van Gucht<br>arts (11425214001) | Dagelij<br>ks | 01/01/2016 |      | Innemen /<br>Koffielepel (5 ml) |         |      |         |    |            |         |    |           |         |    |       |  | indicatie:<br>Koffielepel (5ml)<br>gebruiksaanwijzing<br>G<br>===EVSREF:100<br>===== |

## Expected results

After reading a medication scheme with only these lines, you should end up with:

- **TS-1:** A medication scheme with 43 medications.
- **TS-2:** Each administrationunit shown in the print should have the same meaning of the <dutch translation> (e.g. synonyms and abbreviations are allowed).

## S01R15: CD-DAYPERIOD

### Description

This EVS export (EVS) contains for each code of CD-DAYPERIOD a unique medication.

Each medication has in the text of the "medicationuse" healthcareelement the value <dutch translation>.

### Example

```
...
<transaction>
  ...
  <item>
    <id S="ID-KMEHR" SV="1.0">2</id>
    <cd S="CD-ITEM" SV="1.11">medication</cd>
    ...
    <regimen>
      ...
      <daytime>
        <dayperiod>
          <cd S="CD-DAYPERIOD" SV="1.0">beforelunch</cd>
        </dayperiod>
      </daytime>
      ...
    </regimen>
    ...
  </item>
  ...
  <item>
    <id S="ID-KMEHR" SV="1.0">3</id>
    <cd S="CD-ITEM" SV="1.11">healthcareelement</cd>
    <content>
      <cd S="CD-ITEM-MS" SV="1.0">medicationuse</cd>
    </content>
    <content>
      <text L="nl">Voor het middageten</text>
    </content>
  </item>
  ...
</transaction>
...
```

This allows to verify quickly, in the reading application, if the free text value matches the parsed values.

E.g. for the EVS:

| Permanente geneesmiddelen  |           |            |     |                         | Ontbijt |      |         |    | Middagmaal |         |    |      | Avondmaal |    |       |  |  |   |  |  | Opmerkingen  |
|--|-----------|------------|-----|-------------------------|---------|------|---------|----|------------|---------|----|------|-----------|----|-------|--|--|---|--|--|--|
| Geneesmiddel   | Freq.     | Begin      | End | Inname/Eenheid          | Ochtend | Voor | Tijdens | Na | Voor       | Tijdens | Na | Voor | Tijdens   | Na | Slaap |  |  |   |  |  |  |
| ASA EG 100 mg<br>(160 tabletten)<br>13755 / 1<br>06/07/2018<br>08:53:12<br>VEERLE<br>MOERMANS<br>arts (17892144001)        | Dagelijks | 01/01/2016 |     | Innemen / Tablet        |         |      |         |    |            |         |    | 1    |           |    |       |  |  |   |  |  | indicatie: Voor het<br>avondeten<br>gebruiksaanwijzing:<br>===EVSREF:204=<br>==                      |
| Atorvastatine Teva<br>40 mg (100 stuks)<br>83628 / 1<br>06/07/2018<br>08:53:12<br>VEERLE<br>MOERMANS<br>arts (17892144001) | Dagelijks | 01/01/2016 |     | Innemen / Tablet        |         |      |         |    | 1          |         |    |      |           |    |       |  |  |   |  |  | indicatie: Voor het<br>middageten<br>gebruiksaanwijzing:<br>===EVSREF:205=<br>==                     |
| Bisoprolol Sandoz<br>5 mg (28 stuks)<br>23645 / 1<br>06/07/2018<br>08:53:13<br>VEERLE<br>MOERMANS<br>arts (17892144001)    | Dagelijks | 01/01/2016 |     | Innemen /<br>Druppel(s) |         |      |         |    |            |         |    |      |           |    |       |  |  | 1 tussen het ontbijt en het<br>middageten |  |  | indicatie: Tussen<br>het ontbijt en het<br>middageten<br>gebruiksaanwijzing:<br>===EVSREF:206=<br>== |

## Expected results

After reading a medication scheme with only these lines, you should end up with:

- TS-1:** A medication scheme with 16 medications.
- TS-2:** Each dayperiod shown in the print should have the same meaning of the <dutch translation> (e.g. synonyms and abbreviations are allowed).
- TS-3:** The organisations of the columns should be according the guidelines for displaying the Vitalink Medication scheme as an overview scheme in [M. Visualisation Guidelines Classical Overview](#)

## S01R20: CD-DRUG-ROUTE

## Description

This EVS export (EVS) contains for each code of CD-DRUG-ROUTE a unique medication.

Each medication has in the text of the "medicationuse" healthcareelement the next values: <dutch translation>.

Example

```
...
<transaction>
  ...
  <item>
    <id S="ID-KMEHR" SV="1.0">2</id>
    <cd S="CD-ITEM" SV="1.11">medication</cd>
    ...
    <route>
      <cd S="CD-DRUG-ROUTE" SV="2.0">00001</cd>
    </route>
    ...
  </item>
  ...
  <item>
    <id S="ID-KMEHR" SV="1.0">3</id>
    <cd S="CD-ITEM" SV="1.11">healthcareelement</cd>
    <content>
      <cd S="CD-ITEM-MS" SV="1.0">medicationuse</cd>
    </content>
    <content>
      <text L="nl">In het oor</text>
    </content>
  </item>
  ...
</transaction>
...
```

This allows to verify quickly, in the reading application, if the free text value matches the parsed values.

E.g. for the EVS:

| Permanente geneesmiddelen  |               |            |      |                     |         | Ontbijt |         |    | Middagmaal |         |    | Avondmaal |         |    |       |  |  |  |  |  |
|--|---------------|------------|------|---------------------|---------|---------|---------|----|------------|---------|----|-----------|---------|----|-------|--|--|--|--|--|
| Geneesmiddel   | Freq.         | Begin      | Eind | Inname/Eenheid      | Ochtend | Voor    | Tijdens | Na | Voor       | Tijdens | Na | Voor      | Tijdens | Na | Slaap |  |  |  |  | Opmerkingen  |
| Aspirine 500 mg<br>(36 bruistabletten)<br>79390 / 1<br><br>Katrien Van Gucht<br>arts (11425214001) | Dagelij<br>ks | 01/01/2016 |      | In het oor / Tablet |         |         |         |    |            |         |    |           |         |    |       |  |  |  |  | Indicatie: In het<br>oor<br>gebruiksaanwijz<br>ing.<br>====EVSREF:300<br>===== |

## Expected results

After reading a medication scheme with only these lines, you should end up with:

- TS-1:** A medication scheme with 30 medications.
- TS-2:** Each drugroute shown in the print should have the same meaning of the <dutch translation> (e.g. synonyms and abbreviations are allowed).

## S01R25: CD-PERIODICITY

### Description

This EVS export (EVS) contains for each code of CD-PERIODICITY a unique medication.

Each medication has in the text of the "medicationuse" healthcareelement the next values: <order>/<dutch translation>.

### Example

```
...
<transaction>
  ...
  <item>
    <id S="ID-KMEHR" SV="1.0">2</id>
    <cd S="CD-ITEM" SV="1.11">medication</cd>
    ...
    <frequency>
      <periodicity>
        <cd S="CD-PERIODICITY" SV="1.1">D</cd>
      </periodicity>
    </frequency>
    ...
  </item>
  ...
  <item>
    <id S="ID-KMEHR" SV="1.0">3</id>
    <cd S="CD-ITEM" SV="1.11">healthcareelement</cd>
    <content>
      <cd S="CD-ITEM-MS" SV="1.0">medicationuse</cd>
    </content>
    <content>
      <text L="nl">1/Dagelijks</text>
    </content>
  </item>
  ...
</transaction>
...
```

This allows to verify quickly, in the reading application, if the free text value matches the parsed values.

E.g. for the EVS:

| Permanente geneesmiddelen   |           |       |     |                | Ontbijt |      |         |    | Middagmaal |         |    |      | Avondmaal |    |       |  | Slaap |  |  |  | Opmerkingen  |
|---|-----------|-------|-----|----------------|---------|------|---------|----|------------|---------|----|------|-----------|----|-------|--|-------|--|--|--|--|
| Geneesmiddel  | Freq.     | Begin | End | Inname/Eenheid | Ochtend | Voor | Tijdens | Na | Voor       | Tijdens | Na | Voor | Tijdens   | Na | Slaap |  |       |  |  |  |  |
| Aspirine 500 mg<br>(36 bruistabletten)<br>83379 / 1<br>Katrien Van Gucht<br>ans (11425214001) | Dagelijks |       |     |                |         |      |         |    |            |         |    |      |           |    |       |  |       |  |  |  | indicatie:<br>1/Dagelijks<br>gebruiksaanwijzing<br>EVSREF400<br>00.00.00 |

## Expected results

After reading a medication scheme with only these lines, you should end up with:

- TS-1:** A medication scheme with 52 medications.
- TS-2:** Sorted by the order indicated by the <order> in the "medicationuse" healthcareelement.
- TS-3:** Each periodicity shown in the print should have the same meaning of the <dutch translation> (e.g. synonyms and abbreviations are allowed).