

EVS_Scenarios_S01_Basic_test

- Scope
 - Instructions for EVS use
- S01R10: CD-ADMINISTRATIONUNIT
 - Description
 - Expected results
- S01R15: CD-DAYPERIOD
 - Description
 - Expected results
- S01R20: CD-DRUG-ROUTE
 - Description
 - Expected results
- S01R25: CD-PERIODICITY
 - Description
 - Expected results
- S01W30: Writing CD-ADMINISTRATIONUNIT Minimal Change
 - Expected results
- S01W35: Writing CD-DAYPERIOD Minimal Change
 - Expected results
- S01W36: Writing CD-DAYPERIOD Minimal Change (UPDATE action)
 - Expected results
- S01W40: Writing CD-DRUG-ROUTE Minimal Change
 - Expected results
- S01W45: Writing CD-PERIODICITY Minimal Change
 - Expected results
- S01W50: Writing CD-ADMINISTRATIONUNIT Constructing From Scratch
 - Expected results
- S01W55: Writing CD-DAYPERIOD Constructing From Scratch
 - Expected results
- S01W60: Writing CD-DRUG-ROUTE Constructing From Scratch
 - Expected results
- S01W65: Writing CD-PERIODICITY Constructing From Scratch
 - Expected results

Scope

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

Instructions for EVS use



IMPORTANT: This test can be performed using both the original EVSc and the new version: EVS

Each test that requires an export file will contain export files for both versions.

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 (EVSc) and 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 (36 inrustabletten) 25900 / 1 Katrien Van Gucht arts (11425214001)	Dagelij ks	01/01/2016		Innemen / Koffielepel (5 ml)														indicatie: Koffielepel (5ml) gebruiksaanwijzing G ===EVSREF:100 =====

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 caretaker UI (or print) should have the same meaning of the <dutch translation> (e.g. synonyms and abbreviations are allowed).
- **TS-3:** Each administrationunit shown in the patient UI (or print) should be exactly the same as the <dutch translation> (e.g. synonyms or abbreviations are not allowed).

S01R15: CD-DAYPERIOD

Description

This EVS export (EVSc) and 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	Eind	Inname/Eenheid	Ochtend	Voor	Tijdens	Na	Voor	Tijdens	Na	Voor	Tijdens	Na	Slaap						
ASA EG 100 mg (160 tabletten) 13755 / 1 06/07/2018 08:53:12 VEERLE MOERMANS ars (17892144001)	Dagelijks	01/01/2016		Innemen / Tablet								1									indicatie: Voor het avondeten gebruiksaanwijzing: ===EVSREF:204= ==
Atorvastatine Teva 40 mg (100 stuks) 83628 / 1 06/07/2018 08:53:12 VEERLE MOERMANS ars (17892144001)	Dagelijks	01/01/2016		Innemen / Tablet					1												indicatie: Voor het middageten gebruiksaanwijzing: ===EVSREF:205= ==
Bisoprolol Sandoz 5 mg (28 stuks) 23645 / 1 06/07/2018 08:53:13 VEERLE MOERMANS ars (17892144001)	Dagelijks	01/01/2016		Innemen / Druppel(s)														1 tussen het ontbijt en het middageten			indicatie: Tussen het ontbijt en het middageten gebruiksaanwijzing: ===EVSREF:206= ==

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 caretaker UI (or print) should have the same meaning of the <dutch translation> (e.g. synonyms and abbreviations are allowed).
- **TS-3:** Each dayperiod shown in the patient UI (or print) should be exactly the same as the <dutch translation> (e.g. synonyms or abbreviations are not allowed).
- **TS-4:** 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 (EVSc) and this EVS export (EVS) contains for each code of CD-DRUG-ROUTE a unique medication.

Each medication has in the text of the "medicationuse" healthcarelement 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">healthcarelement</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				Slaap				Opmerkingen
Geneesmiddel	Freq.	Begin	Eind	Inname/Eenheid	Ochtend	Voor	Tijdens	Na	Voor	Tijdens	Na	Voor	Tijdens	Na	Slaap						
Aspirine 500 mg (36 bruistabletten) 79390 / 1 Katrien Van Gucht arts (11425214001)	Dagelij ks	01/01/2016		In het oor / Tablet																	Indicatie: In het oor gebruiksaanwijzing: g: ===EVSREF:300 ===

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 caretaker UI (or print) should have the same meaning of the <dutch translation> (e.g. synonyms and abbreviations are allowed).
- **TS-3:** Each drugroute in the patient UI (or print) should be exactly the same as the <dutch translation> (e.g. synonyms or abbreviations are not allowed).

S01R25: CD-PERIODICITY

Description

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

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

[illegible]

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" healthcarelement.
- **TS-3:** Each periodicity shown in the caretaker UI (or print) should have the same meaning of the <dutch translation> (e.g. synonyms and abbreviations are allowed).
- **TS-4:** Each periodicity shown in the patient UI (or print) should be exactly the same as the <dutch translation> (e.g. synonyms or abbreviations are not allowed).

1. Upload [this EVS export file \(EVSc\)](#) or [this EVS export \(EVS\)](#) using the EVS action REPLACE and your own test patient.
2. Alter every medication in the medicationscheme by adding a dot(.) in every 'instructionforpatient' field.
3. Check the results by using EVS action EXPORT and the same patient and opening the pdf that EVS generates.

Expected results

- **TS-1:** The medicationscheme should have been successfully altered without losing any data.

S01W35: Writing CD-DAYPERIOD Minimal Change

1. Upload [this EVS export file \(EVSc\)](#) or [this EVS export \(EVS\)](#) using the EVS action REPLACE and your own test patient.
2. Alter every medication in the medicationscheme by adding a dot(.) in every 'instructionforpatient' field.
3. Check the results by using EVS action EXPORT and the same patient and opening the pdf that EVS generates.

Expected results

- **TS-1:** The medicationscheme should have been successfully altered without losing any data.

S01W36: Writing CD-DAYPERIOD Minimal Change (UPDATE action)

1. Upload [this EVS export \(EVS\)](#) using the EVS action REPLACE and your own test patient.
2. **Update** every medication in the medicationscheme that has dayperiod value = 'afterbreakfast' to 'beforebreakfast' and add a dot(.) in every 'instructionforpatient' field.
3. Check the results by using EVS action EXPORT and the same patient and opening the pdf that EVS generates.

Expected results

- **TS-1:** The medicationscheme should have been successfully updated without losing any data.

S01W40: Writing CD-DRUG-ROUTE Minimal Change

1. Upload [this EVS export file \(EVSc\)](#) or [this EVS export \(EVS\)](#) using the EVS action REPLACE and your own test patient.
2. Alter every medication in the medicationscheme by adding a dot(.) in every 'instructionforpatient' field.
3. Check the results by using EVS action EXPORT and the same patient and opening the pdf that EVS generates.

Expected results

- **TS-1:** The medicationscheme should have been successfully altered without losing any data.

S01W45: Writing CD-PERIODICITY Minimal Change

1. Upload [this EVS export file \(EVSc\)](#) or [this EVS export \(EVS\)](#) using the EVS action REPLACE and your own test patient.
2. Alter every medication in the medicationscheme by adding a dot(.) in every 'instructionforpatient' field.
3. Check the results by using EVS action EXPORT and the same patient and opening the pdf that EVS generates.

Expected results

- **TS-1:** The medicationscheme should have been successfully altered without losing any data.

S01W50: Writing CD-ADMINISTRATIONUNIT Constructing From Scratch

1. Empty the vault by uploading an empty textfile using EVS action REPLACE and your own test patient.
2. Construct the CD-ADMINISTRATIONUNIT medicationscheme using the SUT.
3. Check the results by using EVS action EXPORT and the same patient and opening the pdf that EVS generates.

Expected results

- **TS-1:** A medicationscheme should have been generated that contains the same data as the medicationscheme that was provided on this page. The data may be described slightly different, but the actual value should remain the same (e.g. 'Koffielepel (5ml)' and simply '5ml' are both fine).

S01W55: Writing CD-DAYPERIOD Constructing From Scratch

1. Empty the vault by uploading an empty textfile using EVS action REPLACE and your own test patient.
2. Construct the CD-DAYPERIOD medicationscheme using the SUT.
3. Check the results by using EVS action EXPORT and the same patient and opening the pdf that EVS generates.

Expected results

- **TS-1:** A medicationscheme should have been generated that contains the same data as the medicationscheme that was provided on this page. The data may be described slightly different, but the actual value should remain the same (e.g. 'Koffielepel (5ml)' and simply '5ml' are both fine).

S01W60: Writing CD-DRUG-ROUTE Constructing From Scratch

1. Empty the vault by uploading an empty textfile using EVS action REPLACE and your own test patient.
2. Construct the CD-DRUG-ROUTE medicationscheme using the SUT.
3. Check the results by using EVS action EXPORT and the same patient and opening the pdf that EVS generates.

Expected results

- **TS-1:** A medicationscheme should have been generated that contains the same data as the medicationscheme that was provided on this page. The data may be described slightly different, but the actual value should remain the same (e.g. 'Koffielepel (5ml)' and simply '5ml' are both fine).

S01W65: Writing CD-PERIODICITY Constructing From Scratch

1. Empty the vault by uploading an empty textfile using EVS action REPLACE and your own test patient.
2. Construct the CD-PERIODICITY medicationscheme using the SUT.
3. Check the results by using EVS action EXPORT and the same patient and opening the pdf that EVS generates.

Expected results

- **TS-1:** A medicationscheme should have been generated that contains the same data as the medicationscheme that was provided on this page. The data may be described slightly different, but the actual value should remain the same (e.g. 'Koffielepel (5ml)' and simply '5ml' are both fine).