

EVS_Scenarios

- Sumehr
- Medication scheme
 - Read
 - Write
 - Daily medication scheme
 - Weekly medication scheme
 - Local print

Sumehr



Definition of tests for Sumehr is under construction.

Medication scheme

During the execution of the tests, EVSg will often be used. Whenever this is the case, a file will be made available for use in EVSg and the test itself will explain which action to use.

The tests are generally split between reading tests and writing tests, each labeled with 'R-' and 'W-' respectively. Whenever a 'W-' test is finished, it is advisable to perform an EXPORT action with EVSg. This will generate several files in the processed folder and among these files is the validation file (with a .val extension). This file should not contain any validation fails.



If something is incorrect in these scenarios (e.g. medicationscheme doesn't work), send us an email at imec.hie@imec.be with the necessary information.
We'll sort it out as soon as possible.

#	Test
S01	Basic testing of the usage of Kmehr tables
S02	Testing of the required combinations of frequency and day
S03	Testing of the interpretation of treatment suspensions
S04	Testing of the medication scheme header information
S05	Testing of the visualisation of the specific times
S06	Testing of the calculation of the endmoment for administration
S07	Testing of the identification of the medication
S08	Testing of the visualisation of the begincondition and endcondition
S09	Testing of the behaviour after uploading an empty scheme
S10	Testing of the behaviour when using discontinuous schemes
S11	Testing of the behaviour with unusual transaction builds
S12	Testing of the interpretation of temporality
S13	Testing of the behaviour with conflicting medicationschemes
S14	Testing of the integration between connector, gateway and SUT
S15	Testing which medication is shown with ' delivered ' medication
S16	Testing of the interpretation of fields with maximum characters

S17	Testing of the calculation of the daily medicationscheme
S18	Testing of the retention of the Kmehr Structure
S19	Testing of the sorting of the medicationlines
S20	Testing if the local print doesn't show the Vitalink logo
S21	Testing of the synchronisation with Vitalink
S22	Testing of the calculation of the weekly medicationscheme

Read

The Read-tests are for application that read medication schemes from Vitalink.

All application that integrate Vitalink have to do these tests.

#	ID	Test
S01	R-10	CD-ADMINISTRATIONUNIT
S01	R-15	CD-DAYPERIOD
S01	R-20	CD-DRUG-ROUTE
S01	R-25	CD-PERIODICITY
S02	R-10	Combined use of Frequency and Day
S03	R-10	MSE vs TS. MSE with endmoment
S03	R-15	MSE vs TS. MSE without endmoment
S03	R-20	TS vs TS. MSE with endmoment
S03	R-25	TS vs TS. MSE without endmoment
S04	R-10	General test of medication scheme information
S05	R-10	Visualisation of specific times
S06	R-10	The calculated endmoment
S07	R-10	Change medication name
S07	R-15	Change medication uri
S08	R-10	Combinations of begincondition and endcondition
S09	R-10	Behaviour with empty medicationscheme
S10	R-10	Discontinuous with increasing quantities
S10	R-15	Discontinuous with decreasing quantities
S10	R-20	Discontinuous with treatment suspensions
S11	R-10	Reading Gateway Validation Fails
S11	R-20	Reading Single Validation Fail
S12	R-10	Temporality without alteration
S15	R-10	Intended vs Delivered Medication
S16	R-10	Reading fields with maximum characters
S19	R-10	Sorting Temporality
S19	R-15	Sorting Daily

S19	R-20	Sorting Weekly
S19	R-25	Sorting Monthly
S19	R-30	Sorting Yearly
S21	R-10	Reading updated scheme

Write

The Write-tests are for application that write medication schemes to Vitalink.

#	ID	Test
S01	W-30	Writing CD-ADMINISTRATIONUNIT Minimal Change
S01	W-35	Writing CD-DAYPERIOD Minimal Change
S01	W-40	Writing CD-DRUG-ROUTE Minimal Change
S01	W-45	Writing CD-PERIODICITY Minimal Change
S01	W-50	Writing CD-ADMINISTRATIONUNIT Constructing From Scratch
S01	W-55	Writing CD-DAYPERIOD Constructing From Scratch
S01	W-60	Writing CD-DRUG-ROUTE Constructing From Scratch
S01	W-65	Writing CD-PERIODICITY Constructing From Scratch
S03	W-30	Writing Treatment Suspensions Minimal Change
S04	W-15	Medication scheme information after local modification
S04	W-20	Medication scheme information after removal of medication
S05	W-15	Altering specific times
S09	W-15	Empty the medicationscheme using the application
S10	W-25	Writing Discontinuous Minimal Change
S11	W-15	Writing Gateway Validation Fails
S11	W-25	Writing Single Validation Fail
S12	W-15	Temporality with alteration
S13	W-10	Collision altering different medication
S13	W-15	Collision altering same medication same field
S13	W-20	Collision altering same medication different field
S13	W-25	Collision adding medication
S13	W-30	Collision removing medication
S14	W-10	Reading and Writing with Connector and Gateway
S16	W-15	Writing fields with maximum characters
S18	W-10	Retaining Kmehr Structure
S21	W-15	Alteration new line
S21	W-20	Alteration delete line
S21	W-25	Alteration change line

Daily medication scheme

Every application that offers a daily medication scheme, have to perform these tests.

#	ID	Test
S17	R-10	Daycalculation
S17	R-15	Daycalculation with Treatment Suspensions

Weekly medication scheme

Every application that offers a weekly medication scheme, have to perform these tests.

#	ID	Test
S22	R-10	Weekly scheme with daily medication
S22	R-15	Weekly scheme with medication every # days

Local print

Every application that allows their local medication scheme (not synced with Vitalink) to be shown to the patient, have to perform these tests.

#	ID	Test
S20	R-10	Generate print after adding new line
S20	R-15	Generate print after altering existing line
S20	R-20	Generate print after adding private line
S20	R-25	Generate print after changing existing line to private