IHE Change Proposal

**Tracking information:**

|  |  |
| --- | --- |
| IHE Domain | PHARM |
| Change Proposal ID: | CP-PHARM-142 |
| Change Proposal Status: | Submitted |
| Date of last update: | February 12th, 2021 |
| Person assigned: | (assigned by Domain Technical Committee) |

**Change Proposal Summary information:**

|  |  |
| --- | --- |
| **Proofreading of PHARMACY Profiles** | |
| Submitter’s Name(s) and e-mail address(es): | Stéphane Spahni, [stephane.spahni@hcuge.ch](mailto:stephane.spahni@hcuge.ch) |
| Submission Date: | February 12th, 2021 |
| Integration Profile(s) affected: | PHARM CMPD, MTP, PADV |
| Actor(s) affected: |  |
| IHE Technical Framework or Supplement modified: | * CMPD Revision 1.8 – Trial Implementation – January 27, 2020 * MTP Revision 1.3 – Trial Implementation - October 11, 2017 * PADV Revision 1.9 – Trial Implementation – January 27, 2020 |
| Volume(s) and Section(s) affected: | Volumes 1, 2, 3 |
| Rationale for Change:  During implementation process of Swiss eMedication Service, based on IHE Pharmacy MTP, PRE, DIS, PADV, PML and CMPD profiles, a certain number of inconsistencies in the text have been detected. This CP summarizes all proposed changes. Changes are only clarification of descriptions or corrections of references – no change in the specifications is made. | |

Changes to Volume 1 – CMPD Profile

*Clarify impact of “COMMENT” StatusCode in section 4.4.1*

Following the addition of the “COMMENT” StatusCode to PADV Status Code List, such PADV Items should be explicitly excluded when considering if a PRE Item is validated or not.

**Section 4.4.1 Use Case community pharmacy-active substance, publish & pull (Scenario 1: “Including validation step, but not including planning and administration”)**

Change at line 545:

Replace in the drawing the sentence:

“A Prescription Item is ready to validate if there exists no Pharmaceutical Advice Item related to it which has statusCode set to “completed.”

by

“A Prescription Item is ready to validate if there exists no Pharmaceutical Advice Item related to it which has statusCodeset to “completed”. Pharmaceutical Advice with an observation code=”COMMENT” are not taken into account.

Changes to Volume 2 – CMPD Profile

*FindMedicationList query: Section 3.1.4.1.2.1.1.7 requires clarification*

### Section “3.1.4.1.2.1.1.7 FindMedicationList”, starting line 1672

Query parameters define two DocumentEntryType:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter Name | Attribute | Opt | Mult |
| $XDSDocumentEntryType (48) |  | O | M |
| $XDSDocumentEntryType (49) | XDSDocumentEntry.objectType | R | M |

With the following notes:

1. “Note: Omitting this parameter means that “all” available types of Medication List documents (on-demand created or previously persisted snapshots) are returned”
2. “See ITI TF-2a: 3.18.4.1.2.3.6.2”, which expands to: “If no value is specified for DocumentEntryType, the value requesting only Stable Document Entries shall be assumed. To get all Document Entry types, the query shall contain both of the valid values in the request.”

An empty value for the first one therefore means “all” while an empty value for the second one means “only stable”. Default values should be aligned and one line should be removed.

### Section “3.1.4.1.2.1.1.7 FindMedicationList”, starting line 1672

In the query parameters table of FindMedicationList query, XDSDocumentEntry.Status does not exists: it should be XDSDocumentEntry.availabilityStatus.

*wsdl example: Section 3.1.4.1.2.3 requires alignment with ITI*

There is a confusion for the “RegistryStoredQuery\_Response\_Message” which is sometimes called “RegistryStoredQueryResponse\_Message”. Confusion comes from IHE ITI TF2a document and has first to be solved there (see corresponding CP). Once ITI position is known, documentation in CMPD profile has to be synchronized.

**3.1.4.1.2.3 Web Services Transport**

Example from line 1863:

<operation name="CommunityPharmacyManager\_QueryPharmacyDocuments">

<input message="ihe:QueryPharmacyDocuments\_Message"

wsaw:Action="urn:ihe:pharm:cmpd:2010:QueryPharmacyDocuments"/>

<output message="ihe:**RegistryStoredQueryResponse\_Message**"

wsaw:Action="urn:ihe:pharm:cmpd:2010:QueryPharmacyDocumentsResponse"/>

</operation>

*Clarify impact of “COMMENT” StatusCode in section 3.1.4.1.2.1.1.5*

**Section 3.1.4.1.2.1.1.5 FindPrescriptionsForValidation**

Change at line 1512 by adding text in yellow:

* Scenario 1, a Prescription Item is ready to validate if there exists no Pharmaceutical Advice Item related to it which has statusCode set to “completed”. Pharmaceutical Advice with an observation code=”COMMENT” are not taken into account.
* Scenario 2, a Prescription Item is ready to validate if there exists no Pharmaceutical Advice Item related to it which has statusCode set to “completed” and the Prescription Item is “provisional”. Pharmaceutical Advice with an observation code=”COMMENT” are not taken into account.

*Clarify behaviour when Deprecated documents are present in section 3.1.4.1.2.1.1*

In section “3.1.4.1.2.1.1 Parameters for Required Queries”, the parameter “XDSDocumentEntryStatus” is systematically specified with optionality “Required” and cardinality “Multiple”. This is due to the fact that ITI-18 do require and use this parameter.

However it is not further specified and no explanation is given in case Deprecated documents are present.

Some indication should be added in each table of the section where this parameter is included to either mention that in any case only Approved documents are considered or to mention how Deprecated documents are to be considered.

The name of the attribute is also wrong: “XDSDocumentEntry.Status” should be replaced by “XDSDocumentEntry.availabilityStatus”.

*Relax the use of document ID parameter in queries*

Description of PHARM-1 queries is based on a query from ITI-18 transaction. However while referenced ITI-18 query requires the specification of one (and only one) document ID, the document ID should be optional for PHARM-1 queries as it is generally not used at all. This modification requires the modification of a note added to several tables:

Change at lines 1245, 1324, 1401, 1485, 1575, 1663, :

The note 1 has to modified as follows: “Either $XDSDocumentEntryEntryUUID or $XDSDocumentEntryUniqueId ~~shall~~may be specified. This transaction shall return an error if both parameters are specified.”

*Clarify note on Persistence option in section 3.1.4.1.2.1.1.7*

The “FindMedicationList” query of PHARM-1 transaction allows the specification of the FormatCode (aka …).

However “Stable” documents are possible only if “Persistence of Retrieved Documents” option is supported by the Community Pharmacy Manager.

This should be clarified in note 48 associated to $XDSDocumentEntryType of table at line 1691 as follows:

“Note: Omitting this parameter means that “all” available types of Medication List documents (on-demand created or previously persisted snapshots) are returned. Take into consideration however that persisted snapshots may exist only if “Persistence of Retrieved Documents” option is used.”

Changes to Volume 1 – MTP Content Profile

*Amend definition*

The glossary of IHE Pharmacy MTP Profile (line 208) contains a confusing definition of Medication Treatment Plan:

The “Medication Treatment Plan” has the following definition: “The Medication Treatment Plan of a patient is the collection of all medications the patient was planned to take in the past, presently or in the future. The Medication Treatment Plan is the complete set of all Medication Treatment Plan Items of the patient, i.e., not partitioned or grouped by pathology, planner, organization, etc.”.

Indeed if the reader is not careful, he may think that it refers to the document defined by the IHE Pharmacy MTP Profile, while it refers to the concept of the “Medication Treatment Plan of a patient.

It is therefore proposed to amend the definition as follows:

“The concept of “Medication Treatment Plan” of a patient represents the collection of all medications the patient was planned to take in the past, presently or in the future. Technically, the Medication Treatment Plan is the complete set of all Medication Treatment Plan Items of the patient, i.e., not partitioned or grouped by pathology, planner, organization, etc. Each of these single Medication Treatment Plan Item is introduced into the Medication Treatment Plan by publishing an IHE Pharmacy MTP document.”.

And to name it “Medication Treatment Plan (concept)”.

Changes to Volume 3 – PADV Content Profile

*IHE Pharmacy PADV: Amend description in section 6.3.4.3.3.4*

**Change at line 716 “Usage in case when this Pharmaceutical Advice references a Prescription Item:”:**

The status code OK shall be used to set a Prescription Item to active, (e.g., can be dispensed, no change expected but allowed if recommended medication given). Provisional Prescription Item becomes no more provisional. If additional information concerning alternative “recommended” medication is included in the document, according to the chapter 6.3.4.3.3.13 Changed or Recommended Prescription Items. The Medication Dispenser is allowed to either dispense the original prescribed item or the recommended item (or set of item).

The status code OK may also be used to resume a suspended Prescription Item.