

IHE Change Proposal

Tracking information

IHE Domain:	IT Infrastructure
Change Proposal ID:	CP-ITI-1293
Change Proposal Status:	Submitted
Date of last update:	Oct 23, 2023
Person assigned:	Oliver Egger & Matt Blackmon

Change Proposal Summary Information

clarify "Omitted" in ITI-44 / ITI-47	
Submitter's Name(s) and email address(es):	Quentin Ligier (quentin.ligier@ahdis.ch)
Submission Date:	Sept 6, 2023
Profile(s) affected:	ITI-44 & ITI-47
Actor(s) affected:	
IHE Technical Framework or Supplement modified:	TF-2
Volume(s) and Section(s) affected:	Vol. 2, sections 3.44.4.1.2.2 & 3.47.4.2.2.2
Detailed Rationale for Change: In ITI-44 (Feed), the Person.BirthPlace is allowed and explicitly listed. In ITI.47 (Query), the BirthPlace is "omitted" in a list that should describe the restriction brought to the model. It means either that: -BirthPlace is forbidden in ITI-47; allowing it in ITI-44 is then weird because you can't return it in results; or -BirthPlace is allowed but omitted in the profile, probably for brevity. In that case, "omitted" should be clarified, and these omissions should be moved in another paragraph, not to confuse them with actual restrictions. Clarify the use of the word "omitted", move it outside the list of restrictions if needed, allow BirthPlace in ITI-44 and/or forbid it in ITI-47. OE 20231211: The word omitted is also used a lot in Appendix O. The 2008 HL7V3 RMIM (already a HL7v3 restricted models) are further restricted (wording: The following restrictions were made on the original RMIM to arrive at the restricted model ...). The omitted attributes do not appear in the restricted model, however there is no schema defined for the restricted model. The wsdl are using the HL7 RMIM in the definitions. Interesting is also the sentence "The following optional parameters were omitted from the model: PatientTelecom (not omitted if Pediatric Demographics Option is supported)" https://profiles.ihe.net/ITI/TF/Volume2/ITI-47.html In iti-tech the following discussion was between Anne-Gaëlle and John in 2020: https://groups.google.com/g/ititech/c/SFoEITEnC14/m/x49GakDeAAAJ?utm_medium=email&utm_source=footer	

John: Typically when an IHE profile omits saying anything about an element, it means there is no requirements. This the underlying standard is all that defined requirements for that ... snip ... From the given IHE profile perspective they are not forbidden, they are allowed.

It is also noted that it describes the data elements relevant for use with IHE transactions:
<https://profiles.ihe.net/ITI/TF/Volume2/ITI-47.html#3.47.4.1.2.2> (The purpose of the model is to describe the data elements relevant for use with IHE transactions based on HL7 V3 messages.)

Since no validation can anyhow be done to check if the element is sent, I would propose to remove all wording of omitted.

CP Call 2023/12/12:

- add a note to the diagram that no elements are shown
- historically it meant not relevant
- check ITI-55 (and the rest of the framework for omitted)

Proposed Change(s)

Edit the following section after Section 3.44.4.1.2.2:

~~The following roles are omitted:~~

- ~~asPatientOfOtherProvider~~
- ~~birthPlace~~
- ~~guarantor~~
- ~~guardian~~
- ~~contactParty~~
- ~~asMember~~
- ~~careGiver~~
- ~~asStudent~~

~~The following participations are omitted:~~

- ~~subjectOf (administrativeObservation)~~
- ~~coveredPartyOf (coverage)~~

Edit the following section after Section 3.47.4.2.2.2:

The base RMIM can be found on the HL7 V3 2008 Edition CD at

Edition2008/domains/uvpa/editable/PRPA_RM201306UV.htm . The following restrictions were made on the original RMIMs to arrive at the restricted model:

- Exactly one value attribute shall be present in each parameter
- Only the LivingSubjectId, OtherIDsScopingOrganization, and LivingSubjectName parameters can have more than one instance
- ~~The optional attributes ParameterList.id, MatchCriterionList.id, QueryByParameter.responseElementGroupId, QueryByParameter.modifyCode, and QueryByParameter.executionAndDeliveryTime were omitted from the model~~
- QueryByParameter.responsePriorityCode is required and is fixed to I (Immediate)
- QueryByParameter.responseModalityCode is required and is fixed to R (Real Time)
- QueryByParameter.statusCode is defaulted to "new".
- The data type of MatchAlgorithm.value is constrained to ST
- The data type of MinimumDegreeMatch.value is constrained to INT
- The data type of LivingSubjectName.value is constrained to PN
- ~~The optional SortControl was omitted from the model~~
- ~~The optional MatchWeight was omitted from the model~~
- ~~The following optional parameters were omitted from the model:~~
 - ~~PatientTelecom (not omitted if Pediatric Demographics Option is supported)~~
 - ~~PatientTelecom (not omitted if Pediatric Demographics Option is supported)~~
 - ~~PrincipalCareProviderId~~
 - ~~PrincipalCareProvisionId~~
 - ~~MothersMaidenName (not omitted if Pediatric Demographics Option is supported)~~

- ~~○ LivingSubjectDeceasedTime~~
- ~~○ PatientStatusCode~~
- ~~○ LivingSubjectBirthPlaceName~~
- ~~○ LivingSubjectBirthPlaceAddress~~