

DICOM Correction Proposal

STATUS	Assigned
Date of Last Update	2019/05/12
Person Assigned	Kevin O'Donnell
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Correction Number	CP-1910
Log Summary:	Add "all other attributes" row for Patient Demographics to UPS
Name of Standard	PS3.3, PS3.4
Rationale for Correction:	<p>UPS included "all other attributes" rows in PS3.4 Table CC.2.5-3 for a variety of modules like Patient Medical, but it left out for the Patient Demographic Module (perhaps because the content was partly covered by the UPS Relationship Module).</p> <p>IHE EBIW has highlighted a couple attributes (Weight, Size, etc) for which it would be useful. And more coming with Confidentiality codes, etc.</p>
Correction Wording:	

Modify PS 3.3 B.26.2-1 as shown to add Patient Demographic Module

Table B.26.2-1. Unified Procedure Step IOD Modules

Module	Reference	Module Description
SOP Common	C.12.1	Contains SOP common information
Unified Procedure Step Relationship	C.30.4	References the related SOPs and IEs
Unified Procedure Step Scheduled Procedure Information	C.30.2	Describes the UPS task to be performed including information about place, time, priority and input data
Unified Procedure Step Progress Information	C.30.1	Describes the progress of a UPS task
Unified Procedure Step Performed Procedure Information	C.30.3	Describes the work performed including information about status, place, time and result data
<u>Patient Demographic</u>	<u>C.2.3</u>	<u>Describes a Patient at a specific point in time</u>
Patient Medical	C.2.4	Describes the Patient's medical state or history

Modify PS 3.4 C.2.5-3 as shown

Table CC.2.5-3. UPS SOP Class N-CREATE/N-SET/N-GET/C-FIND Attributes

Attribute Name	Tag	Req. Type N-CREATE (SCU/SCP)	Req. Type N-SET (SCU/SCP)	Final State	Req. Type N-GET (SCU/SCP)	Match Key Type	Return Key Type	Remark/Matching Type
Transaction UID	(0008,1195)	2/2 Shall be empty	(see CC.2.6.3)	O	Not allowed	-	-	Cannot be queried.
SOP Common Module								
...								
Unified Procedure Step Scheduled Procedure Information Module								
...								
Unified Procedure Step Relationship Module								
Patient's Name	(0010,0010)	2/2	Not allowed	O	3/2	R	2	
Patient ID	(0010,0020)	1C/2	Not allowed	O	3/2	R	2	Required if the subject of the workitem requires identification or if the workitem is expected to result in the creation of objects that identify the subject. See Section C.30.4.1 "Patient Identification" in PS3.3
<i>Include Table CC.2.5-2e "Issuer of Patient ID Macro"</i>								
Other Patient IDs Sequence	(0010,1002)	2/2	3/3	O	3/2	O	2	
>Patient ID	(0010,0020)	1/1	1/1	O	-/1	O	1	
<i>>Include Table CC.2.5-2e "Issuer of Patient ID Macro"</i>								
>Type of Patient ID	(0010,0022)	3/3	3/3	O	3/3	O	3	
Patient's Birth Date	(0010,0030)	2/2	Not allowed	O	3/2	R	2	
Patient's Sex	(0010,0040)	2/2	Not allowed	O	3/2	R	2	
Referenced Patient Photo Sequence	(0010,1100)	3/3	3/3	O	3/3	-	3	
<i>>Include Table CC.2.5-2c "Referenced Instances and Access Macro"</i>								
Admission ID	(0038,0010)	2/2	Not allowed	O	3/2	R	2	
Issuer of Admission ID Sequence	(0038,0014)	2/2	Not allowed	O	3/2	R	2	

Attribute Name	Tag	Req. Type N-CREATE (SCU/SCP)	Req. Type N-SET (SCU/SCP)	Final State	Req. Type N-GET (SCU/SCP)	Match Key Type	Return Key Type	Remark/Matching Type
<i>>Include Table CC.2.5-2d "HL7V2 Hierarchic Designator Macro"</i>								
Admitting Diagnoses Description	(0008,1080)	2/2	Not allowed	O	3/2	O	2	
Admitting Diagnoses Code Sequence	(0008,1084)	2/2	Not allowed	O	3/2	O	2	The Attributes of the Admitting Diagnoses Code Sequence shall only be retrieved with Sequence Matching.
<i>>Include Table CC.2.5-2a "UPS Code Sequence Macro".</i>								
Referenced Request Sequence	(0040,A370)	2/2	Not allowed	O	3/2	R	2	Could be "changed" while SCHEDULED by canceling and re-creating with the "correct" values.
>Study Instance UID	(0020,000D)	1/1	Not allowed	O	-/1	O	1	
>Accession Number	(0008,0050)	2/2	Not allowed	O	-/2	R	2	
>Issuer of Accession Number Sequence	(0008,0051)	2/2	Not allowed	O	-/2	R	2	The Issuer of Accession Number Sequence shall only be retrieved with Sequence Matching.
<i>>>Include Table CC.2.5-2d "HL7V2 Hierarchic Designator Macro"</i>								
>Placer Order Number/Imaging Service Request	(0040,2016)	3/1	Not allowed	O	-/1	O	1C	Required if set.
>Order Placer Identifier Sequence	(0040,0026)	2/2	Not allowed	O	-/2	O	2	The Order Placer Identifier Sequence shall only be retrieved with Sequence Matching.
<i>>>Include Table CC.2.5-2d "HL7V2 Hierarchic Designator Macro"</i>								
>Filler Order Number/Imaging Service Request	(0040,2017)	3/1	Not allowed	O	-/1	O	1C	Required if set.
>Order Filler Identifier Sequence	(0040,0027)	2/2	Not allowed	O	-/2	O	2	The Order Filler Identifier Sequence shall only be retrieved with Sequence Matching.
<i>>>Include Table CC.2.5-2d "HL7V2 Hierarchic Designator Macro"</i>								
>Requested Procedure ID	(0040,1001)	2/2	Not allowed	O	-/2	R	2	

Attribute Name	Tag	Req. Type N-CREATE (SCU/SCP)	Req. Type N-SET (SCU/SCP)	Final State	Req. Type N-GET (SCU/SCP)	Match Key Type	Return Key Type	Remark/Matching Type
>Requested Procedure Description	(0032,1060)	2/2	Not allowed	O	-/2	O	2	
>Requested Procedure Code Sequence	(0032,1064)	2/2	Not allowed	O	-/2	O	2	
<i>>>Include Table CC.2.5-2a "UPS Code Sequence Macro"</i>								
>Reason for the Requested Procedure	(0040,1002)	3/3	3/3	O	-/3	-	-	
> Reason for Requested Procedure Code Sequence	(0040,100A)	3/3	3/3	O	-/3	-	-	
<i>>>Include Table CC.2.5-2a "UPS Code Sequence Macro"</i>								
>Requested Procedure Comments	(0040,1400)	3/3	3/3	O	-/3	O	1C	Required if set.
>Confidentiality Code	(0040,1008)	3/3	3/3	O	-/3	O	3	
>Names of Intended Recipients of Results	(0040,1010)	3/3	3/3	O	-/3	O	3	
>Imaging Service Request Comments	(0040,2400)	3/3	3/3	O	-/3	O	3	
>Requesting Physician	(0032,1032)	3/3	3/3	O	-/3	O	3	
>Requesting Service	(0032,1033)	3/1	3/1	O	-/3	R	3	
>Requesting Service Code Sequence	(0032,1034)	3/3	3/3	O	-/3	O	3	
<i>>>Include Table CC.2.5-2a "UPS Code Sequence Macro"</i>								
>Issue Date of Imaging Service Request	(0040,2004)	3/3	3/3	O	-/3	O	3	
>Issue Time of Imaging Service Request	(0040,2005)	3/3	3/3	O	-/3	O	3	

Attribute Name	Tag	Req. Type N-CREATE (SCU/SCP)	Req. Type N-SET (SCU/SCP)	Final State	Req. Type N-GET (SCU/SCP)	Match Key Type	Return Key Type	Remark/Matching Type
>Referring Physician's Name	(0008,0090)	3/3	3/3	O	-/3	O	3	
Replaced Procedure Step Sequence	(0074,1224)	1C/1C	Not allowed	O	3/2	R	3	Required if the UPS replaces another Procedure Step.
<i>>Include Table CC.2.5-2f "SOP Instance Reference Macro"</i>								
<i>All other Attributes of the Unified Procedure Step Relationship Module</i>		3/3	3/3	O	3/3	-	-	
Patient Demographics Module								
<i>All other Attributes of the Patient Demographics Module</i>		<u>3/3</u>	<u>3/3</u>	<u>O</u>	<u>3/3</u>	<u>:</u>	<u>:</u>	
Patient Medical Module								
Medical Alerts	(0010,2000)	3/2	3/2	O	3/2	O	2C	Required if present.
Pregnancy Status	(0010,21C0)	3/2	3/2	O	3/2	O	2C	Required if present.
Special Needs	(0038,0050)	3/2	3/2	O	3/2	O	2C	Required if present.
<i>All other Attributes of the Patient Medical Module</i>		3/3	3/3	O	3/3	O	3	
...								