

DICOM Correction Proposal

Status	Final Text
Date of Last Update	2015/06/02
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Correction Number	CP-1321
Log Summary: Add Telecom Addresses	
Name of Standard PS3.3, PS3.6, PS3.15 2015b	
Rationale for Correction <p>Since the original definition of the Patient Demographics Module, email has emerged as a major communications medium. It is possible in HL7 v2 messaging (since v2.3) to include an email address using the XTN data type in any generic telecom information field.</p> <p>It is proposed to add generic telecom information fields for patients and physicians; these strings may use any format, but informative notes reference the XTN data type and the associated HL7 v2 field.</p> <p>Note that Unified Procedure Step defined an attribute Contact URI within a Procedure Step Communications URI Sequence, which might contain either a phone number or an email address (or other telecom access point) in the form of a URI. The telecom information attributes added herein do not require use of URIs, as the goal is ease of transform from HL7 messages to DICOM.</p>	
Correction Wording:	

10.1 PERSON IDENTIFICATION MACRO

**Table 10-1
Person Identification Macro Attributes Description**

Attribute Name	Tag	Type	Attribute Description
Person Identification Code Sequence	(0040,1101)	1	A coded entry which that identifies a person. The Code Meaning attribute, though it will be encoded with a VR of LO, may be encoded according to the rules of the PN VR (e.g. caret '^' delimiters shall separate name components), except that a single component (i.e. the whole name unseparated by caret delimiters) is not permitted. Name component groups for use with multi-byte character sets are permitted, as long as they fit within the 64 characters (the length of the LO VR). One or more Items shall be included in this Sequence.
...			
Person's Telephone Numbers	(0040,1103)	3	Person's telephone number(s).
Person's Telecom Information	(0040,1104)	3	The person's telecommunication contact information, including telephone, email, or other telecom addresses.

			<p>Notes: 1. This attribute may have internal format or structure in accordance with local agreement or profile. In the absence of such agreement or prior formatting, use of ITU-T E.123 is suggested.</p> <p>2. It is recommended that this attribute be treated as equivalent to HL7v2 (v2.5 or later) field ROL-12, and be formatted in accordance with the HL7v2 XTN data type (without escapes for HL7 message structure reserved characters). See additional notes in the Module invoking this Macro.</p>
...			

C.2.3 Patient Demographic Module

Table C.2-3
PATIENT DEMOGRAPHIC MODULE ATTRIBUTES

Attribute Name	Tag	Attribute Description
...		
Patient's Telephone Numbers	(0010,2154)	Telephone numbers at which the patient can be reached.
<u>Patient's Telecom Information</u>	(0010,2155)	<p><u>The patient's personal telecommunication contact information, including telephone, email, or other telecom addresses.</u></p> <p>Notes: 1. This attribute may have internal format or structure in accordance with local agreement or profile.</p> <p>2. It is recommended that this attribute be treated as equivalent to HL7v2 fields PID-13 and PID-14, or PID-40 (v2.7 and later), and be formatted in accordance with the HL7v2 XTN data type (without escapes for HL7 message structure reserved characters).</p>
...		

C.3.4 Visit Admission Module

Table C.3-4
VISIT ADMISSION MODULE ATTRIBUTES

Attribute Name	Tag	Attribute Description
...		
Referring Physician's Telephone Numbers	(0008,0094)	Referring physician's telephone numbers.
Referring Physician Identification Sequence	(0008,0096)	Identification of the patient's referring physician. Only a single item shall be included in this sequence.

>Include 'Person Identification Macro' Table 10-1		Note: <u>The Person's Telecom Information (0040,1104) attribute in this Sequence may be treated as equivalent to HL7v2 field ROL-12 associated with the referring physician identified in PV1-8.</u>
...		

C.4.12 Imaging Service Request Module

**Table C.4-12
IMAGING SERVICE REQUEST MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
...		
Requesting Physician Identification Sequence	(0032,1031)	Identification of the physician who requested the Imaging Service Request. Only a single item shall be included in this sequence.
>Include 'Person Identification Macro' Table 10-1		Note: <u>The Person's Telecom Information (0040,1104) attribute in this Sequence may be treated as equivalent to HL7v2 field ROL-12 associated with the requesting physician identified in ORC-12 or OBR-16.</u>
Referring Physician's Name	(0008,0090)	Name of the patient's referring physician for this Imaging Service Request.
Referring Physician Identification Sequence	(0008,0096)	Identification of the patient's referring physician. Only a single item shall be included in this sequence.
>Include 'Person Identification Macro' Table 10-1		Note: <u>The Person's Telecom Information (0040,1104) attribute in this Sequence may be treated as equivalent to HL7v2 field ROL-12 associated with the referring physician identified in PV1-8.</u>
...		
Order entered by ...	(0040,2008)	The person who entered the Imaging Service Request into an Information System. Note: <u>This attribute may be treated as equivalent to HL7v2 field ORC-10.</u>
Order Enterer's Location	(0040,2009)	The location at which the Imaging Service Request was entered. Note: <u>This attribute may be treated as equivalent to HL7v2 field ORC-13.</u>
Order Callback Phone Number	(0040,2010)	Telephone Number at which additional information can be retrieved.
Order Callback Telecom Information	(0040,2011)	The telecommunication contact information, including telephone, email, or other telecom addresses, at which additional information about the order can be retrieved. Notes: <u>1. This attribute may have internal format or structure in accordance with local agreement or profile.</u>

		2. It is recommended that this attribute be treated as equivalent to HL7v2 fields <u>ORC-12</u> and <u>OBR-17</u> , and be formatted in accordance with the HL7v2 XTN data type (without escapes for HL7 message structure reserved characters).
...		

Tag	Name	Keyword	VR	VM
<u>(0010,2155)</u>	<u>Patient's Telecom Information</u>	<u>PatientTelecomInformation</u>	<u>LT</u>	<u>1</u>
<u>(0040,1104)</u>	<u>Person's Telecom Information</u>	<u>PersonTelecomInformation</u>	<u>LT</u>	<u>1</u>
<u>(0040,2011)</u>	<u>Order Callback Telecom Information</u>	<u>OrderCallbackTelecomInfor mation</u>	<u>LT</u>	<u>1</u>

Table E.1-1. Application Level Confidentiality Profile Attributes

Attribute Name	Tag	Retired (from PS3.6)	In Std. Comp. IOD (from PS3.3)	Basic Profile	Retain Safe Private Option	Retain UIDs Option	Retain Device Ident. Option	Retain Patient Chars. Option	Retain Long. Full Dates Option	Retain Long. Modif. Dates Option	Clean Desc. Option	Clean Struct. Cont. Option	Clean Graph. Option
<u>Patient's Telecom Information</u>	<u>(0010,2155)</u>	<u>N</u>	<u>N</u>	<u>X</u>									
<u>Person's Telecom Information</u>	<u>(0040,1104)</u>	<u>N</u>	<u>Y</u>	<u>X</u>									
<u>Order Callback Telecom Information</u>	<u>(0040,2011)</u>	<u>N</u>	<u>N</u>	<u>X</u>									