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DICOM Correction Item

Correction Number		CP-238
Log Summary: Add Patient Primary Language to Patient Demographic Module		
Type of Modification	Name of Standard	
Addition	PS 3.3 2000	
<p>Rationale for Correction</p> <p>The existing specification of patient demographic information does not provide a method of describing the languages to use when communicating with a patient. Such information is particularly useful for acquisition modalities wishing to provide automated spoken instructions (e.g. "Please hold your breath") in a language understood by the patient. Allowing Patient Primary Language to be available via a worklist interface would provide a convenient mechanism to obtain such information from a Modality Worklist SCP (if available).</p> <p>Any attributes from the Patient Demographic Module can already be used as type 3 return keys in Modality Worklist. This proposal adds code sequences to the Patient Demographic Module to encode the Patient's primary languages and adds explicit type 3 return keys to Modality Worklist. The language is encoded using Context ID 5000 – Languages with a nested country modifier encoded using Context ID 5001 – Countries. Both Context IDs are already defined in DICOM Part 16 (DCMR).</p>		
<p>Sections of documents affected</p> <p>PS 3.3 C.2.3, Table C.2-3</p> <p>PS 3.4 K.6.1.2.2, Table K.6-1</p> <p>PS 3.6, Section 6</p>		
Correction Wording:		

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2 **Item 1: Add the following lines to Table C.2-3 in PS 3.3**

4 **Table C.2-3
PATIENT DEMOGRAPHIC MODULE ATTRIBUTES**

Attribute Name	Tag	Attribute Description
...		
Patient's Primary Language Code Sequence	(0010,xxx1)	The languages which can be used to communicate with the patient. Zero or more Items may be included in the sequence. The sequence items are ordered by preference (most preferred language to least preferred language).
<i>> Include Code Sequence Macro Table 8.8-2</i>		<i>Baseline Context ID is CID 5000 - Languages.</i>
> Patient's Primary Language Code Modifier Sequence	(0010,xxx2)	A modifier for a Patient's Primary Language. Can be used to specify a national language variant. Exactly one Item may be included in the sequence.
<i>>> Include Code Sequence Macro Table 8.8-2</i>		<i>Baseline Context ID is CID 5001 - Countries.</i>
...		

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8 **Item 2: Add the following lines to Table K.6-1 in PS 3.4**

10 **Table K.6-1
ATTRIBUTES FOR THE MODALITY WORKLIST INFORMATION MODEL**

Description / Module	Tag	Matching Key Type	Return Key Type	Remark / Matching Type
...				
Patient Demographic				
...				
Patient's Primary Language Code Sequence	(0010,xxx1)	O	3	The languages which can be used to communicate with the patient. If returned, the Patient's Primary Language Code Sequence shall contain one or more Items. The items are ordered by preference (most preferred language to least preferred language).
>Code Value	(0008,0100)	O	1	
>Coding Scheme Designator	(0008,0102)	O	1	
>Code Meaning	(0008,0104)	-	1	Code Meaning shall not be used as Matching Key.

>Patient's Primary Language Code Modifier Sequence	(0010,xxx2)	O	3	A modifier for a Patient's Primary Language. Can be used to specify a national language variant. If returned, the Patient's Primary Language Code Modifier Sequence shall contain only a single Item.
>>Code Value	(0008,0100)	O	1	
>>Coding Scheme Designator	(0008,0102)	O	1	
>>Code Meaning	(0008,0104)	-	1	Code Meaning shall not be used as Matching Key.
...				

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Item 3: Add the following lines to Section 6 in PS 3.6

Tag	Name	VR	VM
...			
(0010,xxx1)	Patient's Primary Language Code Sequence	SQ	1
(0010,xxx2)	Patient's Primary Language Code Modifier Sequence	SQ	1

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...