

DICOM Correction Item

Correction Number		CP-610
Log Summary: Add attribute Display Set Label to Hanging Protocol Display Set Sequence		
Type of Modification	Name of Standard	
Addition	PS 3.2, 3.3, 3.6 2004 + Supplement 60	
Rational for correction		
<p>The attribute Image Set Label (0072,0040) is defined in Hanging Protocol IOD as a means for describing the objective of the image set. This attribute can be useful in a hanging protocol editor for identifying a defined image set when assigning an image set to a display set. It can also contain information that is handy when the hanging protocol is applied, meaning that it could be rendered as text associated with the display sets associated with the image set. However, it is more appropriate to add a Display Set Label attribute to the display set that expresses the objective of the display set, as more than one display set may reference the same image set with different intents. For example, two display sets may reference the same image set containing images from a CT study – one filtering away the scouts and the other showing only the scouts. Such display sets have different objectives and ought not share the same image set label</p>		
Sections of documents affected		
PS 3.2: W.8.1.1.1		
PS 3.3: C.X.3		
PS 3.6: 6		
Correction Wording:		

Modify PS3.2, W.8.1.1.1

W.8.1.1.1 Hanging Protocol IOD

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**Table W.8.1-5
 HANGING PROTOCOL DISPLAY MODULE OF CREATED SOP INSTANCES**

Attribute Name	Tag	VR	Value	Presence of Value	Source
Display Sets Sequence	(0072,0200)	SQ	One or more sequence items.	ALWAYS	AUTO
>Display Set Number	(0072,0202)	US	Generated by device.	ALWAYS	AUTO
>Display Set Label	(0072,0203)	LO	From user input.	ANAP	USER
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Modify PS3.3, C.X.3

C.X.3 Hanging Protocol Display Module

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**Table C.X.3-1
 Hanging Protocol Display Module Attributes**

Attribute Name	Tag	Type	Attribute Description
Display Sets Sequence	(0072,0200)	1	Sequence that describes one or more display sets used to present the Image Sets defined in the Image Sets Sequence (0072,0020). One or more sequence items shall be present. See C.X.3.1.
>Display Set Number	(0072,0202)	1	A monotonically increasing integer, starting from 1, incrementing by one, unique within the Hanging Protocol Instance. It shall be used to identify linked display sets in the Display Set Scrolling Group (0072,0212).
>Display Set Label	(0072,0203)	3	Description of the objective of the display set defined by this sequence item.
>Display Set Presentation Group	(0072,0204)	1	Positive integer value that designates this Display Set as part of a specific presentation group. All Display Sets with the same Display Set Presentation Group (0072,0204) value shall be displayed at the same time. The value 1 shall indicate that this Display Set is part of the initial presentation group. Subsequent values incrementing by 1 shall imply successive temporal ordering of display.
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Add to PS3.6 6. Registry of DICOM data elements

Tag	Name	VR	VM
(0072,0203)	Display Set Label	LO	1