

DICOM Correction Item

Correction Number		CP-330
Log Summary: Addition of slice order indication for NM IODs		
Type of Modification	Name of Standard	
Enhancement	PS 3.3 2001 and PS 3.6 2001	
Rationale for Correction: The SNM has indicated that it is helpful to know which direction a set of slices progresses through the heart. For example, they need to know if the slices progress from apex to base or from base to apex. Due to anatomical anomalies it is not always possible to determine this based on slice orientations and positions.		
Sections of documents affected PS 3.3 Section C.8.4.15, PS 3.6 Section 6		
Correction Wording:		

Add the following attribute to the PS3.3 Table C.8-15, NM Reconstruction Module attributes

Table C.8-15  
 NM RECONSTRUCTION MODULE ATTRIBUTES

Attribute Name	Tag	Type	Attribute Description
....			
<b>Slice Progression Direction</b>	<b>(0054,0500)</b>	<b>3</b>	<b>Describes the anatomical direction that slices are progressing as the slices are considered in order (as defined by the Slice Vector (0054,0080)). Meaningful only for cardiac images.</b>  <b>When View Code Sequence (0054,0220) indicates a short axis view, then Enumerated Values are:</b>  <b>APEX_TO_BASE</b> <b>BASE_TO_APEX</b>

Add the following attribute to the PS3.6, Section 6 – Registry of DICOM Data Elements

Tag	Name	VR	VM
....	....	....	....

<b>Tag</b>	<b>Name</b>	<b>VR</b>	<b>VM</b>
<b>(0054,0500)</b>	<b>Slice Progression Direction</b>	<b>CS</b>	<b>1</b>
....	....	....	....