

DICOM Correction Proposal

STATUS	Final Text
Date of Last Update	2017/01/30
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Correction Number	CP-1600
Log Summary: Clarify Graphic Annotation in Volumetric Presentation States	
Name of Standard	PS3.3 2016e
Rationale for Correction:	The specification for Graphic Annotation is clear with respect to its original use in 2D Presentation States, but confusing as to its use in Planar MPR Volumetric Presentation States. The IOD states that Graphic Annotations “have no spatial relationship to the current view”, but that makes no sense as the only thing Planar MPR VPS defines is a current view, and “annotation may continue to be displayed after the view is changed” assumes application behavior that is outside the scope of the IOD.
Correction Wording:	

Amend PS3.3 Section A.80.1.4.3

A.80.1.4.3 Graphic Annotation Module

The following attributes, if present, shall have a value of DISPLAY:

- Bounding Box Annotation Units (0070,0003)
- Anchor Point Annotation Units (0070,0004)
- Graphic Annotation Units (0070,0005)
- **Compound Graphic Units (0070,0282)**

The Display coordinates are relative to the Volumetric Presentation View produced by this Presentation State.

~~This Module shall only be used to create annotations that have no spatial relationship to the current view as the annotation may continue to be displayed after the view is changed.~~

Note

See Annex XXX “Volumetric Presentation States (Informative)” in PS3.17 for guidance on usage of the graphic annotation styles available in this IOD.

Amend PS3.3 Section C.10.5

C.10.5 Graphic Annotation Module

This Module defines Attributes of vector graphics and text annotation that shall be made available by a display device to be applied to an image. The graphics and text are defined in position and size relative to

the image pixel coordinates or the Specified Displayed Area space (defined in Section C.10.4); **in the context of a Volumetric Presentation State IOD, the annotation is relative to the Volumetric Presentation View (e.g., the MPR view defined in Section C.11.26).** A Graphic Annotation shall be related to an Image.

Note

See Section A.80.1.4.3 for constraints on attributes in this Module when used in the Planar MPR Volumetric Presentation State IOD.