

1	Status	Assigned
2	Date of Last Update	2016/09/05
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6	Submission Date	2016/08/17

7	Correction Number CP-1648
8	Log Summary: Correct requirement for conversion source in legacy converted images and tractography results
9	Name of Standard
10	PS3.3
11	Rationale for Correction:
12	The Image Frame Conversion Source Macro is required to encoded the SOP Instance UIDs of the images from which the converted instances were converted, but this requirement precludes the use of the IOD for images that have been converted from another format. Make the requirement conditional.
13	
14	
15	The Tractography Results Module also requires the Referenced Instance Sequence, which precludes the use of the IOD for tractography results that were not created from DICOM images.
16	
17	Correction Wording:

Amend DICOM PS3.3 as follows (changes to existing text are bold and underlined for additions and ~~struckthrough~~ for removals):

A.70.4 Legacy Converted Enhanced CT Image Functional Group Macros

Table A.70-2. Legacy Converted Enhanced CT Image Functional Group Macros

Functional Group Macro	Section	Usage
Image Frame Conversion Source	C.7.6.16.2.25.3	MC - Required if created by conversion from a DICOM source. May not be used as a Shared Functional Group

A.71.4 Legacy Converted Enhanced MR Image Functional Group Macros

Table A.71-2. Legacy Converted Enhanced MR Image Functional Group Macros

Functional Group Macro	Section	Usage
Image Frame Conversion Source	C.7.6.16.2.25.3	MC - Required if created by conversion from a DICOM source. May not be used as a Shared Functional Group

A.72.4 Legacy Converted Enhanced PET Image Functional Group Macros

Table A.72-2. Legacy Converted Enhanced PET Image Functional Group Macros

Functional Group Macro	Section	Usage
Image Frame Conversion Source	C.7.6.16.2.25.3	MC - Required if created by conversion from a DICOM source. May not be used as a Shared Functional Group

C.12.1 SOP Common Module

Table C.12-1. SOP Common Module Attributes

Attribute Name	Tag	Type	Attribute Description
Conversion Source Attributes Sequence	(0020,9172)	1C	The set of images or other composite SOP Instances that were converted to this instance. If this instance was converted from a specific frame in the source instance, the reference shall include the Frame Number. One or more Items shall be included in this Sequence. Required if this instance was created by conversion from a DICOM source , and Conversion Source Attributes Sequence (0020,9172) is not present in an Item of Shared Functional Groups Sequence (5200,9229) or Per-Frame Functional Groups Sequence (5200,9230).
>Include Table 10-3 "Image SOP Instance Reference Macro Attributes"			

C.8.33.2 Tractography Results Module

Table C.8.33-2. Tractography Results Module Attributes

Attribute Name	Tag	Type	Attribute Description
...

Attribute Name	Tag	Type	Attribute Description
Referenced Instance Sequence	(0008,114A)	1 <u>C</u>	The set of images used for tractography for all Track Sets within this Instance. One or more items shall be included in this Sequence. <u>Required if this instance was created from DICOM images.</u>
<i>>Include Table 10-3 "Image SOP Instance Reference Macro Attributes"</i>			