

DICOM Correction Item

Correction Number	CP-828
Log Summary: Meta header attributes illegal in query identifier and response	
Type of Modification	Name of Standard
Clarification	PS 3.4 2008
Rationale for Correction	
PS 3.4 defines the query identifier and response to contain attributes of a Data set; specifically this excludes elements below group 0x0008 including meta information header attributes as defined in PS 3.5.	
However, some folks have attempted to send the Transfer Syntax UID in order to attempt to ascertain the "current" or "preferred" form of encoding of a stored image; this is illegal but obscurely documented so an explicit note is added to remind implementers.	
Sections of documents affected	
PS 3.4 C.4.1.1.3	
Correction Wording:	

PS 3.4: Add note to section C.4.1.1.3:

C.4.1.1.3 Identifier

Both the C-FIND request and response contain an Identifier encoded as a Data Set (see PS 3.5).

Note: The definition of a Data Set in PS 3.5 specifically excludes the range of groups below group 0008, and this includes in particular Meta Information Header elements such as Transfer Syntax UID (0002,0010). The C-FIND request and identifier do not support a mechanism for ascertaining the manner in which an SCP might have encoded a stored image whether it be by requesting Transfer Syntax UID (0002,0010) or by any other mechanism.

PS 3.5: For reference:

7.1 DATA ELEMENTS

... The Data Elements in a Data Set shall be ordered by increasing Data Element Tag Number and shall occur at most once in a Data Set.

...

Two types of Data Elements are defined:

- Standard Data Elements have an even Group Number that is not (0000,eeee), (0002,eeee), (0004,eeee), or (0006,eeee).

Note: Usage of these groups is reserved for DIMSE Commands (see PS 3.7) and DICOM File Formats.

- Private Data Elements have an odd Group Number that is not (0001,eeee), (0003,eeee), (0005,eeee), (0007,eeee), or (FFFF,eeee). Private Data Elements are discussed further in Section 7.8.

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