

## DICOM Correction Item

Tracking Information - Administrator Use Only	
Correction Number	CP - 54
Log Summary: Unclear example for AT encoding	
Type of Modification: Clarification	
Name of Document: PS 3.5-1993,1996	Version Number:
Rationale for Change:  In Table 6.2-1 "DICOM value representations" (an example for the encoding of Attribute Tags is given. ATs are included in the list of VRs that need swapping when discussing byte ordering (see CP-38). The example does not state byte ordering and is wrong for the default encoding (little endian).	
Sections of Document Affected: PS 3.5-1993,1996, Table 6.2-1	
Suggested Wording of Change:	

AT Attribute Tag	<p>Ordered pair of 16-bit unsigned integers that is the value of a Data Element Tag.</p> <p><del><b>Example: A Value of 001800FFH represents DataElement Tag (0018,00FF)</b></del></p> <p><b><u>Example: A Data Element Tag of (0018,00FF) would be encoded as a series of 4 bytes in a Little-Endian Transfer Syntax as 18H,00H,FFH,00H and in a Big-Endian Transfer Syntax as 00H,18H,00H,FFH.</u></b></p> <p><b><u>Note: The encoding of an AT value is exactly the same as the encoding of a Data Element Tag as defined in Section 7.</u></b></p>	not applicable	4 bytes fixed
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