

DICOM Correction Item

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| Correction Number CP-358 | |
| Log Summary: Clarify AE Value Representation | |
| Type of Modification | Name of Standard |
| Clarification | PS 3.5 2003 |
| <p>Rationale for Correction:</p> <p>The AE Value Representation is used in attributes with Value Multiplicity 1-n. However, unlike other textual VRs used in attributes with VM 1-n, the backslash character is not specifically excluded from the Character Repertoire.</p> <p>Additionally, Part 4 explicitly provides a meaning for a zero length AE value (“value unknown”) which is semantically identical to 16 spaces, since leading and trailing spaces are non-significant.</p> | |
| <p>Sections of documents affected</p> <p>PS 3.5 Section 6.2</p> | |
| Correction Wording: | |

**Table 6.2-1
 DICOM VALUE REPRESENTATIONS**

| VR Name | Definition | Character Repertoire | Length of Value |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| AE Application Entity | A string of characters that identifies an Application Entity , with leading and trailing spaces (20H) being non-significant. The A value consisting solely made of 16 spaces, meaning "no application name specified", shall not be used. | Default Character Repertoire excluding character code 5CH (the BACKSLASH “\” in ISO-IR 6), and control characters LF, FF, CR and ESC. | 16 bytes maximum |