**DICOM Correction Item**

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<th>Correction Number</th>
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<td>CP-965</td>
<td>PS 3.5-2008</td>
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**Log Summary:**
Clarify Unicode/GB18030 initial designation in PS3.5

**Type of Modification:** Clarification

**Rationale for Correction:**
Since the addition of Unicode and GB18030, the first value of Specific Character Set is not necessarily a single byte character set.

**Sections of documents affected**
PS 3.5 Section 6.1.2.5.4

**Correction Wording:**

6.1.2.5.4 Levels of Implementation and Initial Designation

a) Attribute Specific Character Set (0008,0005) not present:

7-bit code

Implementation level: ISO 2022 Level 1 - Elementary 7-bit code (code-level identifier 1)
Initial designation: ISO-IR 6 (ASCII) as G0.
Code Extension shall not be used.

b) Attribute Specific Character Set (0008,0005) single value other than “ISO_IR 192” or “GB18030”:

8-bit code

Implementation level: ISO 2022 Level 1 - Elementary 8-bit code (code-level identifier 11)
Initial designation: One of the ISO 8859-defined character sets, or the 8-bit code table of JIS X 0201 specified by value 1 of the Attribute Specific Character Set (0008,0005), as G0 and G1.
Code Extension shall not be used.

c) Attribute Specific Character Set (0008,0005) multi-valued:

8-bit code

Implementation level: ISO 2022 Level 4 - Redesignation of Graphic Character Sets within a Code (code-level identifier 14)
Initial designation: One of the ISO 8859-defined character sets, or the 8-bit code table of JIS X 0201 specified by value 1 of the Attribute Specific Character Set (0008,0005), as G0 and G1. If value 1 of the Attribute Specific Character Set (0008,0005) is empty, ISO-IR 6 (ASCII) is assumed as G0, and G1 is undefined.
All character sets specified in the various values of Attribute Specific Character Set (0008,0005), including value 1, may participate in Code Extension.

d) Attribute Specific Character Set (0008,0005) single value “ISO_IR 192” or “GB18030”:

variable length code

Implementation level: not specified (not compatible with ISO 2022)
Initial designation: as specified by value 1 of the Attribute Specific Character Set (0008,0005)
Code Extension shall not be used.