

## DICOM Correction Item

Correction Number	CP-965
Log Summary:	Clarify Unicode/GB18030 initial designation in PS3.5
Type of Modification	Name of Standard
Clarification	PS 3.5-2008
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.**