DICOM Correction Proposal Form

Correction Number CP-333	
Log Summary: Clarify Image Type value optionality	
Type of Modification Clarification	Name of Standard PS 3.3
Rationale for Correction The Standard is unclear about whether a Type 1 or 2 multi-valued data element (e.g., Image Type in many SOP Classes) may have some values zero-length. The fact that a Type 1 may have some values zero-length is shown by the DX Image Module, where Image Type (Type 1) Value 3 must be present and must be zero-length, but this is not apparent unless the reader looks at the DX Image Module, which may be irrelevant to his modality of interest.	
Sections of documents affected PS 3.3	
Correction Wording:	

C.7.6.1.1.2 Image Type

…

The Image Type attribute is multi-valued and shall be provided in the following manner:

a. Value 1 shall identify the Pixel Data Characteristics; Enumerated Values for the Pixel Data Characteristics are:

   ORIGINAL identifies an Original Image

   DERIVED identifies a Derived Image

b. Value 2 shall identify the Patient Examination Characteristics; Enumerated Values for the Patient Examination Characteristics are:

   PRIMARY identifies a Primary Image

   SECONDARY identifies a Secondary Image

c. Value 3 shall identify any Image IOD specific specialization (optional)

d. Other Values which are implementation specific (optional)

Any of the optional values (value 3 and beyond) may be sent either with a value or zero-length, independent of other optional values, unless otherwise specified by a specialization of this attribute in an IOD.