DICOM Correction Proposal Form

Tracking Information - Administrator Use Only	
Correction Proposal Number	CP-110
STATUS	Assigned
Date of Last Update	October 1, 1997
Person Assigned	A. Simon

Log Summary: Update Conformance Statement to improve HC/SC relationship	
Submitter Name A. Simon	Submission date September 24, 1997
Type of Modification Clarification	
Name of Document PS 3.4	Version Number 1996

Rationale for Correction

A critical need in PACS is the ability to identify and correlate images shown or filmed by the original imaging modality and those displayed as softcopy by a PACS or other destination system.

DICOM attempts to make this possible by providing fields for temporal, identity and other information, e.g. spatial position. However, the standard does not require that modalities identify which DICOM fields correlate with output directly from the modality.

There is no consistent, agreed upon useage of DICOM attributes communicated through C-STORE that allow images printed on film or displayed on a scanner's console to be matched to those displayed on other softcopy display devices.

Although it is not possible to force which attributes are to be used to appropriately communicate image identification, this situation can be improved by suggesting that vendors document in their conformance statement how they've chosen to map the needed values to DICOM.

Sections of document affected:

Section B.4.3.1 Conformance Statement for an SCU

Suggested Wording of Correction

Add to the end of section B.4.3.1:

- document the data fields that are used to annotate an image on a scanner's softcopy and hardcopy output, and the DICOM tags chosen to communicate this information (e.g. a typical set of attributes may include: Study ID, Series number, Image number, Study date, Study time, Image date, Image time, image location and orientation).