

## DICOM Change Item

Correction Number		CP-72						
Log Summary: Optional Worklist Matching Key								
Type of Modification Attribute addition	Name of Standard PS 3.6, DICOM Supplement 10 "Modality Worklist"							
<p><b>Rationale for Correction:</b></p> <p>Worklists for modalities with large patient throughput cannot be based only on the fact that a Procedure Step has been scheduled, but have to take into account if the patient has already arrived in the waiting room of the department. Requesting a worklist for only those Scheduled Procedure Steps for which patients are present, avoids unnecessary searching and waiting.</p> <p>To the list of Matching Keys one additional key "Scheduled Procedure Step Status" should be added. The key will initially be set to "Scheduled". When a patient arrives in the waiting room of the department, the reception clerk will type-in the fact that the patient has arrived and thus change the status of the attribute "Scheduled Procedure Step Status" to "Arrived".</p> <p>When the attribute "Scheduled Procedure Step Status" with single value matching (value = "ARRIVED") is added to the Identifier List of the C-Find request, the worklist will show only those Procedure Steps for which patients are present.</p> <p>If the department does not report the arrival of patients to the Information System (department with low patient throughput), the status will stay "Scheduled" and the modality need not include the key in the Identifier List.</p>								
<p><b>Sections of Document Affected:</b></p> <p>Table C.4-10 Scheduled Procedure Step Module Attributes and Table Z.6-2 Attributes for the Modality Worklist Information Model PS 3.6 Section 6</p>								
<p><b>Suggested Modification:</b></p> <p>1. Include the following attribute into Table C.4-10</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 5px;">Description</th> <th style="text-align: left; padding: 5px;">Tag</th> <th style="text-align: left; padding: 5px;">Attribute Description</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Scheduled Procedure Step Status</td> <td style="padding: 5px;">0040,0020</td> <td style="padding: 5px;">Defines the state of the Scheduled Procedure Step Defined Terms:  SCHEDULED</td> </tr> </tbody> </table>			Description	Tag	Attribute Description	Scheduled Procedure Step Status	0040,0020	Defines the state of the Scheduled Procedure Step Defined Terms:  SCHEDULED
Description	Tag	Attribute Description						
Scheduled Procedure Step Status	0040,0020	Defines the state of the Scheduled Procedure Step Defined Terms:  SCHEDULED						

ARRIVED

2. Include the above attribute as an optional matching key into Table Z.6-2:

- Matching Key Type: O

- Return Key Type: 3

3. Include the above attribute into DICOM Part 6, Section 6:

Scheduled Procedure (0040,0020) VR = CS; VM = 1

Step Status