

DICOM Correction Item

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| Correction Number CP-734 | |
| Log Summary: Additional Treatment Positions for Ion Therapy | |
| Type of Modification Addition | Name of Standard PS 3.3 2007 |
| Rationale for Correction: There are treatments where the patient is sitting, particularly in Proton treatments. | |
| Sections of documents affected PS 3.3 | |
| Correction Wording: | |

In PS 3.3, section C.8.8.12 (RT Patient Setup Module), modify the Attribute Description for Patient Position as follows:

| Attribute Name | Tag | Type | Attribute Description |
|-------------------|-------------|------|---|
| >Patient Position | (0018,5100) | 1C | Patient position descriptor relative to the equipment. Required if Patient Additional Position (300A,0184) is not present. See Section C.7.3.1.1.2 C.8.8.12.1.2 for Defined Terms and further explanation. |

In PS 3.3, section C.8.8.12 (RT Patient Setup Module), add the following normative text section:

C.8.8.12.1.2 Patient Position

Defined Terms for Patient Position shall be those specified in Section C.7.3.1.1.2, plus the following:

SITTING

In the sitting position, the patient's face is towards the front of the chair.

In PS 3.3, section C.8.8.2 (RT Image Module), modify the Attribute Description for Patient Position as follows:

| Attribute Name | Tag | Type | Attribute Description |
|-------------------|-------------|------|---|
| >Patient Position | (0018,5100) | 1C | Patient position descriptor relative to the patient support device. Required if Isocenter Position (300A,012C) is present. May be present otherwise. See Section C.7.3.1.1.2 C.8.8.12.1.2 for Defined Terms and further explanation. Note: The orientation of the patient |

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| | | | <p>relative to the patient support device is denoted in the same manner as in the RT Patient Setup module. It defines the relation of the patient-based DICOM coordinate system identified by the frame of reference module of the RT Image to the IEC coordinate system and together with the Isocenter Position (300A,012C) allows the RT Image to be placed into the patient frame of reference. It also allows a system using an RT Image to verify that the patient is setup in a similar position relative to the patient support device. Patient position descriptor relative to the patient support device.</p> |
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