

DICOM Correction Item

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| Correction Number CP-551 | |
| Log Summary: RT Plan Intent | |
| Type of Modification Omission | Name of Standard PS 3 2004 |
| <p>Rationale for Correction:</p> <p>Many treatment plans are developed for uses other than delivery to an actual patient. For example, plans may be developed for treatment machine QA, patient-specific QA, service, or research.</p> <p>This Change Proposal adds the ability to specify these intents for a plan, by renaming "Treatment Intent" and adding additional defined terms.</p> | |
| <p>Sections of documents affected</p> <p>PS 3.3, C.8.8.9 (RT General Plan Module)</p> <p>Section 6 (Registry of DICOM Data Elements)</p> | |
| Correction Wording: | |

In PS 3.3, Section C.8.8.9 (RT General Plan Module), Table C.8-45, modify the "Treatment Intent" attribute:

| Attribute Name | Tag | Type | Attribute Description |
|--|-------------|------|--|
| Treatment <u>Plan</u> Intent | (300A,000A) | 3 | <p>Intent of this course of treatment <u>plan</u>.</p> <p>Defined Terms:</p> <p><u>CURATIVE = curative therapy on patient</u></p> <p><u>PALLIATIVE = palliative therapy on patient</u></p> <p><u>PROPHYLACTIC = preventative therapy on patient</u></p> <p><u>VERIFICATION = verification of patient plan using phantom</u></p> <p><u>MACHINE QA= Quality assurance of the delivery machine (independently of a specific patient)</u></p> <p><u>RESEARCH = Research project</u></p> <p><u>SERVICE = Machine repair or maintenance operation</u></p> |

In PS 3.3, Section C.8.8.9 (RT General Plan Module), Table C.8-41, modify the "RT Plan Relationship" attribute as shown:

| Attribute Name | Tag | Type | Attribute Description |
|-----------------------|-------------|------|---|
| >RT Plan Relationship | (300A,0055) | 1C | <p>Relationship of referenced plan with respect to current plan. Required if Referenced RT Plan Sequence (300C,0002) is sent.</p> <p>Defined Terms:</p> <p><u>PRIOR = plan delivered prior to current treatment</u></p> <p><u>ALTERNATIVE = alternative plan prepared for current treatment</u></p> |

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| | | | PREDECESSOR = plan used in derivation of current plan VERIFIED_PLAN = plan which is verified using the current plan. This value shall only be used if Treatment Plan Intent (300A,000A) is present and has a value of VERIFICATION. |
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In PS 3.6, Section 6, rename the following attribute:

| Tag | Name | VR | VM |
|-------------|-------------------------------------|----|----|
| (300A,000A) | Treatment <u>Plan</u> Intent | CS | 1 |