

DICOM Correction Proposal

| | |
|---------------------|--|
| STATUS | New |
| Date of Last Update | 2019/12/18 |
| Person Assigned | Christof Schadt |
| Submitter Name | Christof Schadt christof.schadt@brainlab.com |
| Submission Date | 2019/07/30 |

| | |
|--|--------|
| Correction Number | CP1968 |
| Log Summary: Clarify term Verify in RT Beams Delivery Instruction | |
| Name of Standard PS 3 2019e | |
| <p>Rationale for Correction:</p> <p>In the RT Beams Delivery Instruction Module, the description of the Enumerated Value VERIFY of attribute Beam Task Type (0074,1022) states: "Beam verification only" – it is though unclear whether this means verification of the beam (like a QA measure for the delivery machine) or the verification of the patient position for a beam.</p> <p>As the latter is intended it is proposed to update the wording in several locations of the Module.</p> | |
| Correction Wording: | |

Update in C.8.8.29 RT Beams Delivery Instruction Module

Table C.8.8.29-1. RT Beams Delivery Instruction Module Attributes

| Attribute Name | Tag | Type | Description |
|---------------------------------------|-------------|------|--|
| ... | | | |
| Beam Task Sequence | (0074,1020) | 1 | <p>Specification of beams to be delivered and/or verified used for verification of the patient position.</p> <p>One or more Items shall be included in this Sequence.</p> |
| >Beam Task Type | (0074,1022) | 1 | <p>Indication whether beam is to be verified, treated (delivered), or both.</p> <p>Enumerated Values:</p> <p>VERIFY Beam verification only Verification of the patient position</p> <p>TREAT Beam treatment only</p> <p>VERIFY_AND_TREAT Beam Patient position verification and treatment</p> |
| ... | | | |
| >Delivery Verification Image Sequence | (0074,1030) | 2C | <p>Beam Patient position verification images to be acquired for current beam.</p> |

| Attribute Name | Tag | Type | Description |
|----------------------------|-------------|------|---|
| | | | <p>Required if Beam Task Type (0074,1022) is VERIFY or VERIFY_AND_TREAT.</p> <p>Zero or one Item shall be included in this Sequence if Beam Task Type (0074,1022) is VERIFY. Zero or more Items shall be included in this Sequence if Beam Task Type (0074,1022) is VERIFY_AND_TREAT.</p> |
| ... | | | |
| Omitted Beam Task Sequence | (300C,0111) | 3 | <p>Beams not to be delivered and/or <u>used for patient position verification verified.</u></p> <p>One or more Items are permitted in this Sequence.</p> |
| >Referenced Beam Number | (300C,0006) | 1 | <p>Uniquely identifies the Beam that is specified by Beam Number (300A,00C0) within Beam Sequence (300A,00B0) in RT Beams Module of referenced RT Plan or within Ion Beam Sequence (300A,03A2) in RT Ion Beams Module of the referenced RT Ion Plan.</p> |
| ... | | | |