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# Meeting Minutes

## DICOM WORKING GROUP SEVEN (RADIOTHERAPY)

<b>Meeting Location</b>	Online Meeting		
<b>Dates and Times</b>	October 29, 2025		
	Wednesday		10:00 – 12:00 EDT
<b>Presiding Officers</b>	Christof Schadt, Co-Chair Jim Percy, Co-Chair		
<b>Secretary</b>	Shayna Knazik, MITA		



## Participants

Name	Affiliation	Present
Jim Percy	AAPM	X
Walter Bosch	AAPM	X
Yulong Yan	AAPM	X
Bob Pekarek	Accuray	X
Kari Jyrkkälä	Varian	X
Ulrich Busch		X
David Wikler	IBA	X
Christof Schadt	Brainlab	X
David Holst	Raysearch	X
Angus Reid	Accuray	X
Sanjay Bari	Elekta	X

## Topics

The meeting was called to order at 10:05 am EDT. Antitrust and patent policies were reviewed.

Walter Bosch, AAPM, assumed the role of the secretary.

Christof Schadt reported on successful testing of Source Pixel Planes information in the RT Structure Set at the 2025 IHE-RO Connectathon.

## Correction Proposals

The following CPs reached Final Text at the last WG-06 meeting:

- cp2428\_AddDoseReportingModeAndDoseCalculationModelToRTDose
- cp2505\_UPSAndRTMachineVerificationEditorial
- cp2469\_SalvageDetailsInTreatmentRecords
- cp2503\_AddDoseValueToDoseCalibrationConditions

The following CPs are now in Letter Ballot:

- cp2469\_SalvageDetailsInTreatmentRecords
- cp2504\_AddScanSpotGantryAngle
- cp2515\_CorrectCodeMeaningForBackrestPitchAngleShinRestPositionAndHeelStopPosition
- cp2517\_AddNewRtDoseDerivationCodes

The following CPs are now in Voting Packet:

- cp2516\_AddReferenceToTreatmentRecordsInBDI
- cp2535\_AddNewDoseTypesToRtDose

## Rework

### CP-RT258\_Additional RT Asserts

Supports assertions on Series contributing to the creation of ROIs in RT Structure Set and RT Plan. Supports Instance-level references, e.g., to (deformable) registrations. Add Instance Component Sequence inside RT Assertions Sequence in RT Structure Set. Christof to finish editing and submit to WG-06

### cp2446\_AddSegmentCharacteristicsPrecedenceToStructureSet

Yulong to provide examples at next CP session.  
Tabled until Next CP session.

### cp2536\_UPSMatchingRequirementClarifications

David to update CP for consistency with CPAC, etc.  
With WG-06

## cp\_RT274\_Add2ndGenConceptsToRTDose

Tabled for now. Waiting for CP 2535 to proceed to LB.

## New

### cp\_RT277\_Monochrome MPEG2 Profile Clarification'

Approved for review by WG-06

### cp\_RT278\_Image SOP Class Definition

Attempts to clarify what is an image and a non-image in DICOM.

Adds UID Type in SOP Class UID Table to distinguish image and non-image SOP Classes.

Approved for review by WG-06

### cp\_RT280\_Dose Calculation Model Name

Restores Dose Calculation Model Name in Dose Calculation Model Macro.

Rationale was revised.

Ready for WG-06

### cp\_RT279\_Correction of Normative References

Ready for WG-06

### cp\_RT259\_AddRTCBCTImageType

Adding Defined Term RT\_CBCT for Image Type (0008,0008) Value 4 is controversial. This approach has been rejected in the past.

Use of Image Type is a convenient indicator for CBCT, but the existing Standard has 3D RT Cone-Beam Imaging Geometry Optional Macro Attributes.

Indication of synthetic CT and use of other SOP Class (3D Angio) was discussed.

For RT, need to know if the CT is good enough for planning and dose calculation.

David and Yulong to prepare CP for discussion at the next meeting.

CP\_RT259 was retired.

### cp\_RT261\_Alternate Machine Module for RT Plan

Adds RT Alternate Machine Delivery Data Sequence in RT Plan.

Jim presented updated CP for Hybrid RT Plan. Further work in dedicated session.

**ACTION:** Christof to arrange subgroup sessions for the following

- Additional RT Assertions
- Alternate Machine Module in Hybrid RT Plan

The meeting ended 12:02 am EDT.

Next DICOM WG-07 CP Session is scheduled for December 10, 2025 at 10:00am EST.