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Meeting Minutes

DICOM WORKING GROUP SEVEN (RADIOTHERAPY)

November 12, 2024

Participants:

Jim Percy (AAPM Affiliate) and DICOM WG 7 Co-Chair
Christof Schadt (Brainlab) and DICOM WG 7 Co-Chair Rollo Moore
Kari Jyrkkala (Varian)
Marcus Bergman (RaySearch)
Walter Bosch (AAPM)
Bob Pekarek (Accuray)
Michael Owens (Reflexion)
Rollo Moore
Uli Busch (personal)
Yulong Yang (AAPM)
David Holst (RaySearch)
Bruce Curran (AAPM)

Meeting came to order at 10:05am EST

The group reviewed the following Correction Proposals:

cp_RT261 Alternate Machine Module for RTPlan (version last updated 10/18/2024)

- A definition is needed for Treatment Management System
- Alternate Machine Data Flag is used to condition the presence of the RT Alternate Machine Data Module and to permit absence of the Beam Limiting Device Sequence
- Review of RT Alternate Machine Data Module
 - Discussion of Creator-Version UID (0008,0123). Need to uniquely identify the configuration of hardware and software to be used for delivery. Three semantic roles were distinguished: Target machine class, Plan creator (identified in Equipment Module), and Format of data (like a mimetype).
 - This module encapsulates “raw data” describing the plan parameters.
 - References to standard RT Plan components are by beam number.
 - This issue is also applicable to the treatment record.

- Questions for next session:
 - How to reference partial beams?
 - Relationship of “alternate” beams to RT Plan beams? 1:1 or N:M?
 - Data model? Create/update E-R diagram.

Meeting adjourned 11:03am EST