

**IHE-RO Technical Committee
Conference Call
November 15, 2016
11 am – 12:30 pm EST**

**Technical Committee Chairs:
Scott Hadley, PhD, University of Michigan
Chris Pauer, Sun Nuclear**

**IHERO Task Force Co-Chairs
Dick Fraass, Ph.D., FAAPM, FASTRO, FACR
John Buatti, MD**

Mission Statement: *The American Society for Radiology Oncology (ASTRO) has formed a multi-society Task Force to undertake an initiative to promote the Integration of the Healthcare Enterprise (IHE) – Radiation Oncology (RO), fostering seamless connectivity and integration of radiotherapy equipment and the patient health information systems. The Task Force will include members from ASTRO, RSNA, American Association of Physicists in Medicine (AAPM), the American College of Radiology (ACR) and the Medical Imaging and Technology Alliance (MITA). In addition, members of the International community have also been invited to participate in IHE-RO. The IHE-RO Task Force, in close collaboration with radiotherapy product manufacturers, will develop appropriate integration profiles for radiation therapy and setup a demonstration of seamless communication among the full array of radiotherapy products.*

In Attendance:

Chris Pauer, Sun Nuclear
Walter Bosch, Wash. U./ATC
Koua Yang, Philips
Harold Beunk, ICT
Sven Siekmann, Brainlab
Stefan Boman, Raysearch Labs
Scott Hadley, U. Mich.
Bob Pekarek, Accuray
Rishabh Kapoor,
Thomas Schwere, Varian
Rickard Holmberg, Raysearch Labs
Bruce Rakes, Mevion
Antonella Patio, ASTRO
Jim Percy, Elekta
Carla Hull, AAPM

Minutes:

- I. Call to Order at 10:15am EST. At quorum was declared.
 - a. Review Agenda
 - b. Other broad topics to add

- II. Review minutes from September and October
 - a. Minutes from Sept. 28 – Oct. 1, 2016 meeting in Boston were approved without objection.
 - b. Minutes from Oct. 22, 2016 meeting in Madison were approved without objection.

- III. Other Updates
 - a. Carla Hull, AAPM Program Director, will be point of contact and support for IHE-RO Technical Committee, starting in January 2017.

- IV. Review of Treatment Delivery – Record Content
 - a. Chris Pauer reviewed version 0.3 draft of the TDRS Profile.
 - i. Cross-profile requirements with TDPC Beam Types were discussed.

- ii. Referenced Treatment Record Sequence – should a reference to (an incomplete) prior delivery be (conditionally) required? – Consensus that no additional requirements beyond DICOM are needed.
- iii. Requirements for attributes in a Treatment Record (actual values) are not the same as for a Treatment Plan (specifications). For the Treatment Record, the Profile requirements are that attributes be present, and possibly that they be display(able) by the consumer (TMS). It is not yet clear if this will need to be specific to Beam Types.
- iv. Requirements for Beams Specific Attributes including those for wedges, accessories, compensators, etc. were discussed.
- b. Chris will continue working through attribute requirements for TDRC. Discussion of this Profile is to continue on the December 2016 TC T-con. Other draft Profiles can be reviewed in December – authors should contact Chris to be added to the agenda.

V. Upcoming meetings or other final items.

- a. **ACTION 161101** Chris to post meeting details and logistics for the Jan 23-27, 2017 meeting at Sun Nuclear in Melbourne, FL.

VI. Meeting was adjourned at 12:35pm.

Meetings are now an hour and a half to allow enough time to do profile review via Teleconference. This month we'll focus on the Treatment Delivery-Record Content profile.