

**IHE-RO Technical Committee
Conference Call
July 19, 2016**

**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
Antonella Patio, ASTRO
Bruce Curran, AAPM
David Wikler, IBA
Sven Siekmann, Brainlab
Bruce Rakes, Mevion
Jim Percy, Elekta
Scott Hadley, U. Mich.
Thomas Schwere, Varian
Mikael Bertze, RaySearch Labs
Koua Yang, Philips
Bob Pekarek, Accuray
Harold Beunk, ICT

Minutes:

- I. Call to Order at 10:05 am EDT – A quorum was declared.
 - a. Review Agenda
 - b. Agenda was approved without objection.

- II. Approve Minutes from May and June Meetings
 - a. Minutes from May 9, 2016 meeting in St. Louis were approved without objection.
 - b. Minutes from June 21, 2016 teleconference were approved without objection.

- III. Treatment Delivery – Image Content – Thomas Schwere updated the TC on the status of the TDIC Profile,
 - a. A change in terminology was discussed. “RT Image in Planning State” has been replaced by “RT Image in Planning”, “RT Image in Delivery State” has been replaced by “RT Image *from* Planning”.
 - b. RT Image Module attribute constraints were reviewed. This material has been reorganized.
 - i. Disallow use of Source to Reference Object Distance (3002,0028), since this attribute is redundant and may be inconsistent with explicit pixel dimensions.
 - ii. Referenced Beam Number is not required, but is to be present, if known.
 - c. **ACTION 160701:** Thomas Schwere to continue editing the TDIC and TPIC Profiles in preparation for Public Comment.

- IV. Testing Tools Technical Overview coming in next months – Chris Pauer
 - a. ICT has proposed webinars to provide a technical overview of Test Tools. A sequence of three presentations is planned:
 - i. Test Tool Basics
 - ii. Content-driven Test Tool Details
 - iii. Workflow-driven Test Tool Details
 - b. Development of these webinars has been approved. Presentation is planned in September 2016, before the Connectathon. They will be recorded for future use.
- V. AAPM update – Bruce Curran updated the TC on changes to RO Domain sponsorship.
 - a. AAPM and ASTRO have been discussing the transfer of IHE-RO sponsorship from ASTRO to AAPM. The transfer is subject to final approval by both AAPM and ASTRO boards. Transition is anticipated to take place at the ASTRO Annual Meeting in September, 2016. The intent is to retain the current functioning structure of IHE-RO as much as possible, but some details remain to be worked out. ASTRO will continue to participate and will remain a member of IHE-RO. IHE-RO will remain a part of ASTRO's Treat Safely Program. IHE-RO will continue to work with AdvaMed.
- VI. BRTO-II update – Sven Siekmann updated the TC on issues related to the BRTO-II Profile.
 - a. A requirement to display direction of gravity by default in planning images was discussed. This requirement was associated with the Image Orientation (Patient) attribute.
 - b. It was decided to remove this requirement from the BRTO-II Profile draft.
- VII. Important Information
 - a. Next call is scheduled for August 16, 2016
- VIII. Meeting adjourned at 11:00 am EDT