

**IHE-RO Technical Committee
Face-to-Face
Oct 22, 2016 at 8:30-12:00, CT
Philips Oncology
Madison WI**

**Technical Committee Chairs:
Scott Hadley, PhD
Chris Pauer**

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

Mission Statement: *The American Society for Radiation 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.*

Attendees:

Name	Affiliation	Email	10/22/16
Chris Pauer	Sun Nuclear	chrispauer@sunnuclear.com	X
Walter Bosch	Wash. Univ.	bosch@wustl.edu	X
Ulrich Busch	Varian	ulrich.busch@varian.com	X
Sven Siekmann	Brainlab	Sven.siekmann@brainlab.com	X 35
Jim Percy	Elekta	Jim.percy@elekta.com	X
Scott Hadley	UMich	swhadley@med.umich.edu	X
Bruce Rakes	Mevion	rbrakes@mevion.com	X 40
Mikael Bertzke	RaySearch	Mikael.Bertzke@raysearchlabs.com	X
Koua Yang	Philips	koua.yang@philips.com	X

Minutes:

- I. Call to Order (Oct 22, 2016 at 9:45 am CDT) –
 - a. 8:47 - a quorum was declared.
- II. Business
 - a. 8:48 - Connectathon Test Results Review
 - i. Monday was largely preparation.
 - ii. Tuesday testing started with ARTI

- 55 iii. In general, there was good profile coverage and passing rates
- iv. BRTO had issues with insufficient test partners
- v. MMRO also had issues with partners for Dose Displayer
- vi. Discussion on export of objects in states that were not adherent.
 - 1. Preliminary data may be made available at manufacturers business needs / choice
 - 2. The specific state of data, if definitely a prerequisite for profile adherence shall be documented in the profile.
- 60 vii. Discussion on Dose Displayer actor not needing RT Plan, but one vendor needed that object present to fulfill rest of adherence.
 - 1. This is likely a fail, or possibly an option in the profile.
- 65 b. 9:35 – Discuss Testing Instruction and Operation Improvements
 - i. Need test instruction review before next Connectathon
 - ii. Possibly a pre-connectathon “Huddle” is needed to spell out naming conventions to ease test workflow and Archive usage.
 - iii. Call to have a Change Proposal to add a note to MMRO, so spell out that some non-axial cases need to be supported.
 - 70 iv. Trial Implementation publication of a profile should include discussion of testability.
 - v. How to streamline testing
 - 1. Possibly exclude later tests if earlier aspects fail.
 - 2. Vendors should be urged to use Test Tools before committing data to the Archive
 - 3. Check Naming convention at this time
 - 75 vi. Vendors should always be lobbied to support and thanked for supporting the other vendors trying to test for adherence.
 - vii. Vendors need to be advocates for their tests, they need to ask for partners. This should be made more clear at the start of the testing.
 - viii. Vendors voiced desire to have physical chart in room to show who had what data available.
- 80 c. Test Tool Discussion
 - i. Still felt that test tools should not be opened to general public
 - ii. Chris has action to discuss with AAPM to make the test tools some kind of managed product or resource under the AAPM umbrella.
- 85 d. TC meeting following AAPM and ASTRO annual meetings
 - i. Consensus that meeting after society meetings is efficient
 - ii. Changes in IHE-RO domain sponsorship raised the question of whether it is more appropriate to schedule IHE-RO TC or DICOM WG-7 meetings in conjunction with the AAPM annual meeting.
 - iii. DICOM WG-7 concerns include scheduling with respect to WG-6 meetings
 - 90 iv. IHE-RO TC concerns include scheduling with respect to the Connectathon and other profile development meetings.
 - v. Consensus to shift IHE-RO TC to the after-AAPM slot for 2017 and re-assess next year.
- e. 2017 Connectathon Venue
 - i. Four European locations were discussed as possible venues for the 2017 Connectathon, tentatively scheduled for Oct 9-14, 2017:
 - 95 1. Venenndaal, the Netherlands (Elekta)
 - 2. Crawley, UK (Elekta)
 - 3. Munich, Germany (Brainlab)
 - 4. Stockholm, Sweden (Elekta)
 - 100 ii. Elekta and Brainlab to check on availability of their respective facilities.

III. Adjournment – meeting adjourned at 12:05 10/22/16