

**IHE-RO Technical Committee
Conference call
August 22, 2014**

**Technical Committee Chairs:
Bruce Curran, MS, ME
Chris Pauer, Accuray**

**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.*

Attendees:

Chris Pauer (Accuray)
Bruce Curran (VCU)
Crystal Carter (ASTRO)
Walter Bosch (Wash. Univ.)
Shannon Regan (ASTRO)
Koua Yang (Phillips)
Rishabh Kapoor (VA)
Scott Hadley (AAPM)
Eli Stevens (Mobius)
Uli Busch (Varian)
Jim Percy (Elekta)

Minutes:

- I. Call to order at 1:00pm EDT**
 - a. Approval of agenda
 - i. New items added: Connectathon, TC Meeting at ASTRO meeting
 - b. Approval of minutes from July teleconference – **approved without objections**
- II. Agenda Items**
 - a. Brachytherapy profile
 - i. Follow-up on draft profile – Milena has started profile creation.
 - ii. Uli assisted, reports progress. Too early to do review.

- iii. CDA profiles: investigate Clinical Document Architecture – define a DICOM template for use by IHE at large...
- iv. Brachy profile should continue
- v. **ACTION:** Scott Hadley to explore what is needed to define a DICOM content profile
- vi. Uli has asked Ion group to start working on a profile
- b. ICT Update on Test Tools bug reporting and data creation
 - i. Follow up on the latest test tool
 - ii. ICT has given an update on Test Tools for ARTI
 - iii. Bruce has worked with Kari and Jim Percy. Bruce has fixed the problems that were identified in ARTI plans
 - iv. ARTI Test Tools have been released with updated plans. Known problems (Elekta machine definition and V80-to-V120 update) to be addressed at connectathon.
 - v. **ACTION:** Manufacturers to run test tools prior to Connectathon and submit test tool *problem reports* to Bruce by Sept 10, submit test tool *results* by Sept 20.
- c. QAPV Update – Discuss latest suggested changes.
 - i. Follow up regarding how much time/effort would be required to support a new RT QA Results IOD. Chris is drafting a Change Proposal to submit to DICOM WG-7 in November.
 - ii. Dose reference attribute requirements should be further evaluated at Sept TC meeting.
- d. Connectathon Preparedness... what needs to be done?
 - i. **ACTION:** ASTRO survey for participants is online. Response expected by September 1 to allow adequate time for test data preparation.
 - ii. **ACTION:** Participants to send hotel registrations to Uli as soon as possible.
- e. Review update to TDW-II. Uli has prepared Rev. 8. Message semantics to further discussed at September TC meeting.
- f. Possible meeting room at Sun Nuclear in Melbourne, FL with a Linac. This venue may be a viable alternative to ASTRO HQ for future Connectathons.

III. Next meeting

- a. Annual Meeting (Face-to-Face meeting)
 - i. IHE-RO PC and TC Meeting
 - 1. Sunday, September 14 at the Marriott Marquis Hotel in room Foothill E at 7:00-9:00am
 - ii. IHE-RO Technical Committee Meeting at the Marriott Marquis Hotel in room Foothill E on the following days:
 - 1. Agenda
 - a. Review Brachy profile
 - b. Dedicate time to defining, prototyping separating content profile and splitting out transactions profiles – need to define a DICOM content profile for use in IHE (just as there exists a CDA content template)
 - c. Define names and initial items for Brachy and Ion profile development
 - 2. Schedule
 - a. Wednesday, September 17 at 8:30-6:00pm
 - b. Thursday, September 18 at 8:30-6:00pm
 - c. Friday, September 19 at 8:30-6:00pm
 - d. Saturday, September 20 at 8:30 – 12:30pm

IV. Adjourned at 2:04 pm EDT