

IHE-RO Technical Committee
Conference Call
August 26, 2015

Technical Committee Chairs:
Scott Hadley, PhD
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.*

In Attendance:

Scott Hadley, U Mich
Shannon Regan, ASTRO
Walter Bosch, Wash. Univ.
Jim Percy, Elekta
Sven, Siekmann, Brainlab
Crystal Carter, ASTRO
Uli Busch, Varian
Paul Jacobs, MIM Software
Koua Yang, Philips
Rickard Holmberg, Raysearch
Chris Pauer, Accuray
Harold Beunk, ICT
Kat Bradley, MIM Software
Eli Stevens, Mobius Medical
Kevin Jordan

Minutes:

- I. Call to Order at 1:05 pm. A quorum was declared.
 - a. Review Agenda
 - b. Other broad topics to add
- II. Approval of Minutes from July – deferred to next meeting
- III. Agenda Items
 - a. Connectathon Update

- i. All meeting information is posted on ihe-ro wiki - <http://ihe-ro.org/doku.php?id=meeting:september:2015>
 - ii. Registration was due by Friday, August 21
 - iii. Discussion of anticipated participants and adequacy of test partners. Discussion to be continued at Sept 2015 face-to-face meeting.
 - iv. Test data and planning instructions will be available for download on Sep 7th
 - b. ICT ASTRO Test Tool Support Contract
 - i. Additional development resources are available in the ICT support contract. These will be used to make test tools more useful for content evaluation, e.g., in Connectathons.
 - c. Updates from other IHE-RO committees
 - i. IHE-RO Planning Committee
 - 1. Use Case Results – Chris reported on Use Case prioritization scores from IHE-RO PC
 - a. Treatment Delivery Device Integration
 - i. Content for this use case is addressed in large part by TPPC, TDPC, TPIC, TDIC Profiles. There are some gaps: some devices are not supported and treatment record is not yet included.
 - ii. Workflow is addressed by TDW-II, IPDW, DPDW
 - b. Radiation Oncology Workflow Exchange
 - i. Exchange of demographics and scheduling information. This use case appears to map to CPRO, but also includes scheduling.
 - c. Anonymization
 - i. Multiple use cases appear to be included: technical support, clinical trials data collection, etc.. It is not clear how much vendor buy-in there is.
 - d. Brachytherapy
 - i. A Brachytherapy delivery instruction (DICOM Sup 184) is in development. A Brachytherapy profile is in development in the DICOM Brachy sub-group.
 - e. User Authentication / Authorization
 - i. Should investigate IHE-ITI authentication/authorization profile(s).
 - 2. Further discussion of Use Cases with PC at Oct 2015 meeting at ASTRO.
 - ii. Clinical Advisory Subcommittee
 - 1. Prescription Survey Results – ACTION 150801 Shannon to distribute Prescription Survey results to TC.
 - d. Outstanding Action Item Update
 - i. Review action spreadsheet that can be found at <https://docs.google.com/spreadsheets/d/1AZg-VJOX-MLZjQvL6sCfWbdg74gz3jhW26i-6Zzlcns/pubhtml>

IV. Important Information

- a. Next face-to-face meeting is scheduled for Sept 27, 2015

V. Adjourned at 2:05pm ET