

**IHE-RO Technical Committee
Conference call
July 21, 2011 at 1:30-3 PM ET**

**Technical Committee Chairs:
Bruce Curran, MS, ME
Stuart Swerdloff, PhD**

**IHERO Task Force Co-Chairs
Jatinder Palta, Ph.D.
Prabhakar Tripuraneni, M.D., F.A.C.R., F.A.S.T.R.O.**

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:

Sidrah Abdul, ASTRO
Stuart Swerdloff, Elekta
Walter Bosch, ATC
Chris Pauer, Accuray
Sue Reilly, Elekta
Koua Yang, Philips
Uli Busch, Varian
Rishabh Kapoor, UFL
Christof Schadt, BrainLab
Sam Brain, Stanford University
Sanjay Bari, Elekta
Craig Laughton, LifeLine Software
Jeff Simon, Sun Nuclear
Norman Trapp, Siemens

Minutes:

- Call to Order @ 1:33 pm ET
 - a. Approval of Agenda – approved with additional items added
 - b. Approval of minutes from June 24, 2011 meeting

- Agenda Items
 - a. ASTRO Annual Meeting (Sidrah Abdul)
 - The meeting dates for the Technical Committee meetings at the Annual Meeting were reviewed.
 - b. 2011 Connectathon- Registration (Sidrah Abdul)
 - Connectathon information on ASTRO's webpage is up. The link with the meeting information is <http://astro.org/Meetings/UpcomingMeetings/Connectathon/index.aspx>.
 - Registration will be opening in early August.
 - Pricing structure has been changed.
 - **ACTION:** Sidrah Abdul will be updating webpage with new pricing information. TC will be notified.
 - **ACTION:** Sidrah Abdul will also circulate through email list of profiles/actors available for this year's Connectathon, which will be considered as an informal (not a commitment) response by a vendor. Response will stay within Testing Committee (Bruce, Walter).
 - c. Safety Profile Update (Chris Pauer)
 - Changes were made on the QAPV profile based on the last discussion.
 - The open issues were modified (leaf position and MU vs. prescription checks).
 - The beam dose depth # was pulled out.
 - There was some discussion that restricting to volume-based calculation would limit QA vendors from participating.
 - If people would like to further participate in the QA group, contact Chris Pauer.
 - Further discussion on the QAPV profile will be discussed on the QAPV specific TCON: August 18.
 - d. New Profile Proposal (Uli Busch)
 - Content profile for RT imaging and cone beam imaging.
 - Uli to prepare white paper/proposal for ASTRO Annual Meeting TC Meeting using similar method PC uses for proposing use cases.
 - e. Discuss use cases selected by Planning Committee
 - Integrated Patient QA Checker
 - i. Committee will need to look at the use case in detail to see how it compares to the QAPV profile.
 - Treatment Delivery Device Data Integration
 - i. Includes the FFF into the Advanced RT Objects profile. Has implications that can be used in other profiles (QAPV).
 - On-Line Image Review
 - i. Identified that this use case is the baseline to Uli's proposal.
 - f. Other Business?
 - Schedule of upcoming meetings was reviewed. Additional meetings at the AAPM Annual Meeting were added.
 - No new test tools for this year.
 - Bruce is still reviewing the Technical Frameworks and Supplements.

g. Future Meetings

a. IHE-RO Technical Committee Face-to-Face Meetings

- **Connectathon 2011** – ASTRO HQ, Fairfax, VA, **Sept. 12-18, 2011**

1. Setup Sept 12
2. Testing Sept. 13-16
3. TC meeting Sept 17-18 (ends noon on Sunday)

- **ASTRO Annual Meeting 2011** - Thurs Oct 6 – Noon Sat Oct 8 (in Miami) – *confirmed*

- **Tuesday, October 4**

1. 8-10AM Planning Committee Meeting
2. 12-1PM Joint Technical + Planning Committee Meeting

b. IHE-RO TC Future Teleconferences

- Thursday, August 11, 1:30-2:30pm ET
- Thursday, August 18, 1:00 – 2:30pm ET (**Patient Safety**)

c. Related meetings

- AAPM Annual Meeting

- July 31-Aug 4, 2011, Vancouver, BC
- RO (Safety) Stakeholder's Meeting: August 2, 7-9am
- RT Vendor's Meeting: August 2, 9-11am
- IHE-RO Developer Session Tuesday, August 2: 12-2pm

- ESTRO

1. ESTRO Ann Mtg. Sept 23-27, 2011, Stockholm, SW

- ASTRO Annual Meeting

- Oct 2-6, 2011, Miami, FL