

**IHE-RO Technical Committee
Face to Face Meeting
November 2, 2010 at 12:00-1:00 PM PT**

**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:

Bruce Curran (RI Hosp.)
Colin Field (Cross Cancer Institute)
Mika Miettinen (Varian)
Prabhakar Tripuraneni (Scripps)
Stuart Swerdloff (Elekta)
Sidrah Abdul (ASTRO)
Adam Earwicker (Varian)
Andy Fuller (Tomotherapy)
Christof Schadt (BrainLab)
David Wikler (IBA Group)
Jaap Pijpelink (Nucletron)
Jeff West (Elekta)
Mark Pepelea (Philips)
Martin Pellinat (VisionTree)
Peter Gabriel (University of Pennsylvania)
Ramesh Rengan (University of Pennsylvania)
Rishabh Kapoor (UF/ASTRO)
Uli Busch (Varian)
Ulrich Beifuss (BrainLab)
Sam Brain (Stanford)
Walter Bosch (ATC)

- I. Call to Order @ 12:05pm PT (Bruce Curran)
 - a. Approval of Agenda – approved without objections
 - b. Approval of minutes from September 25-26, 2010 face-to-face meeting – approved without objections

II. Agenda Items

- a. IHE-RO Planning Committee (Colin Field)
 - Colin Field presented the IHE-RO compliant matrix to TC. The matrix currently includes the vendor/integration profile/actor and the year of the test tools and year when actor was passed.
 - Mr. Field requested from vendors the software version numbers and expected release dates for clinical products; vendor representative agreed to provide this information.
 - The Budget was presented to TC with no objections. The flat fee for actors was agreed by all.
 - Re-testing of test tools is up to vendor discretion. PC does not think it is mandatory for vendors to re-test, even with new versions of products.
 - Consensus of the committee was that incentives are needed to encourage vendors to come to Connectathon- possibly giving credits to vendors
- b. Use Cases (Colin Field)
 - Mr. Field presented the following Use Cases to the TC (order as ranked by PC):
 1. Patient Safety
 2. Radiation Oncology Workflow Exchange
 3. Structure Templates: Creation, Export and Import
 4. Prescription Automation
 5. Anonymization
 6. User Authentication and Authorization

(Use Cases (3) and (4) tied in rank.)

There was some concern by vendors that “Patient Safety” is very broad and TC can only address a portion of the issue. TC will help to narrow the topic. Dr. Rengan volunteered to assist with Patient Safety use case. Bruce Curran will provide white paper from 201 about data transfer.

- The TC will provide the PC an update on the use cases at December T-con.

III. New Business

- a. Bruce Curran reported on the ROI initiative for a national radiation oncology patient registry- IHE-RO could possibly play a significant role in this infrastructure.
- b. The Planning Committee requested to have more than one profile developed in a year (not necessarily test).
- c. Real-Time Communication use cases were discussed. Stuart Swerdloff stated that it is gaining standards in NEMA. Mika Miettinen will discuss this topic further with Colin Winfield and report back to committee.
- d. The PC will meet at the Connectathon again for year 2011 on Sept 11-12.
- e. Bruce Curran thanked vendors and all volunteers for their time and efforts in making IHE-RO a model for cooperation between users and vendors.

IV. Future Meetings

- a. IHE-RO Technical Committee Face-to-Face Meetings
 - January 24-28, 2011 in Hampton Inn in Mountain View, CA

- **Domain Pre-testing** May 3-12, 2011 (TC meeting May 3-6, Testing May 7, 9-11, Half-day wrap-up meeting May 12)
 1. Possible venues: Siemens (Heidelberg), Varian (Zurich/PSI), or Elekta (Stockholm) → **TBD 11/6/2010**
 2. Profiles: Dose Compositing, IPDW, new actors on old profiles
- **Connectathon 2011** – ASTRO HQ, Fairfax, VA, Sept. 13-19, 2011 (check availability)
 1. Setup Sept 13
 2. Testing Sept. 14-17
 3. TC meeting Sept 19-20 (noon)
 4. PC meeting Sept 11-12
- **ASTRO 2011** - Tentatively Thurs 10/6/11 – Noon Sat 10/8/10

b. Related meetings

- ESTRO
 1. ESTRO Physics Conf. May 8-12, 2011, London
 2. ESTRO Ann Mtg. Sept 23-27, 2011, Stockholm, SW
- AAPM Annual Meeting
 - July 31-Aug 4, 2011, Vancouver, BC
- ASTRO Annual Meeting
 - Oct 31 – Nov 4, 2010 in San Diego, CA
 - Oct 2-6, 2011, Miami, FL
- PTCOG, May 8-15, 2011 in Philadelphia
- WG-7
 - Dec 7-10, 2010 (MITA, Washington, DC)
 - Mar 29-Apr 1, 2011 (Munich)

c. IHE-RO Potential Future Teleconferences:

- Thursday, December 16, 2010 (12:00 - 2:00 p.m. EST)

V. Adjourn @ 1:00pm PT