

**IHE-RO Technical Committee  
Conference call  
June 24, 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:**

Bruce Curran, RIH  
Stuart Swerdloff, Elekta  
Walter Bosch, ATC  
Chris Pauer, Accuray  
Harold Beunk, Nucletron  
Sue Reilly, Elekta  
Koua Yang, Philips  
Uli Busch, Varian  
Marc Mlyn, RaySearch  
Sidrah Abdul, ASTRO  
Rishabh Kapoor, UFL

**Minutes:**

- I. Call to Order @ 1:40 pm ET
  - a. Approval of Agenda – approved without objection
  - b. Approval of minutes from May Domain Pre-Testing face-to-face meeting – approval deferred (quorum was not present)
- II. Agenda Items
  - a. Review QAPV Updates (Pauer)
    - Open issue #13 MLC leaf position – consensus that this is a non-issue

- Open issue #14 profile addresses *consistency* between prescription and MU to be delivered only. No check on the absolute number of MUs.
  - Required RT Plan data elements of type 1C, 2C or 3: denote as “R” or “R+”
    - Beam dose point depth information could be (a) calculated from RT Structure Set by QA Checker, (b) stored in RT Plan by TPS or (c) communicated by another means. It is not clear that current applications can do (a).
    - If this information is to be stored in the RT Plan, do we need to specify requirements for the plan provider to ensure the plan is “checkable”?
- b. Discuss AAPM developer session
- AAPM letter to list of QA vendors has gone out. Response so far is positive.
  - Chris has sent outline of agenda to update QA vendors on
    - IHE goals and process
    - Progress to date on Patient Safety profiles
    - Mechanics of DICOM workflow for QAPV profile
    - Outstanding issues
    - Request for participation
  - Sidrah to contact Lisa Giobi, to send out RSVP
- c. Review Results of PC use case prioritization
- Top three use cases have been identified: to be reviewed by PC on Monday’s call
  - Sidrah to send email to TC after PC meeting

### III. Other Business?

- a. Change proposals on Profiles - Bruce is reviewing comments (including those on BBS)
- b. Test Tools – Revision #2 to ARTI Test Tools (no other test tools are expected this year)

### IV. 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 2011** - Thurs Oct 6 – Noon Sat Oct 8 (in Miami) - *confirmed*
- b. IHE-RO TC Future Teleconferences
  - Thursday, July 21, 1:00 – 2:30pm ET
  - Thursday, August 18, 1:00 – 2:30pm ET (**Patient Safety**)
- c. Related meetings
  - ESTRO
    1. ESTRO Ann Mtg. Sept 23-27, 2011, Stockholm, SW
  - AAPM Annual Meeting
    - July 31-Aug 4, 2011, Vancouver, BC
  - ASTRO Annual Meeting
    - Oct 2-6, 2011, Miami, FL

V. Adjourn @ 2:53pm ET