

**IHE-RO Technical Committee  
Conference call  
February 25, 2010 at 12:00-2:00 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, RI Hosp.  
Stuart Swerdloff, Elekta  
Walter Bosch, ATC  
Sunita Ranjitkar, ASTRO  
Brian Moravecky, Sun Nuclear  
Ulrich Busch, Varian  
Norman Trapp, Siemens  
Martin Pellinat, Vision Tree  
Bill Bennett, ATC  
Sue Reilly, Elekta (CMS)  
Ulrich, Beifuss, BrainLAB  
Harold Beunk, Nucletron  
Chris Pauer, Tomotherapy  
Nghia Ho, MGH  
Koua Yang, Philips  
Chris Pauer, Tomotherapy  
Summer Mark, Third Way Software

## Minutes

### I. Call to Order

- a. Approval of Agenda – approved without objection
- b. Approval of minutes from January 25-29, 2010
  - Correction: **IHE-RO TC has decided to remove positioning from TDD in the DPDW Profile. Uli is to make changes in profile – to be reviewed by TC.**

### II. Agenda Items

- a. Review of Public Comments
  - Dose Compositing Profile
    - Public comment ends 2/26/2010
    - Two submissions: (1) TC review from Mtn View meeting Jan 2010, (2) Corrections of typos, wording from Sue Reilly 2/24/2010
    - Bruce to send email to TC next week regarding change of status to Trial Implementation – if no objections are received, profile will be published on Wiki and alert HUMIQ (formerly ICT) regarding change of status.
  - Treatment Delivery Workflow Profile
    - 1½ week remains in public comment – no comments to discuss at this time
- b. EMR
  - ASTRO response team evaluating HITECH Act – comments due by March 13, 2010
  - Comments
    - Act is aimed at general practitioners, not specialists, such as Rad Onc
    - Quality measures are not well matched to clinical practice
  - ASTRO is preparing a document on Rad Onc medical records
  - Accrediting body needed for EMRs – one possibility is CCHIT ([www.cchit.org](http://www.cchit.org)), a volunteer organization with no oncology group at present, has a more general scope
    - Should IHE-RO TC take on an accrediting role for EMR in Rad Onc?
    - Alternatively, should ASTRO or IHE-RO TC members participate in CCHIT process?
- c. Authentication and Authorization Profile (Chris Pauer)
  - IHE-ITI XUA profile addressed Authentication only; extension of profile (XUA++) addresses centralized storage of Authentication information, applications make their individual authorization decisions based on this info.
  - Authorization can be separated from Authentication
    - Use Case author has expressed willingness to separate these issues
    - Managing centralized Authorization requires
  - IHE-RO could identify existing ITI profile(s) as the solution to this use case
    - Are there RO-specific issues? RO-specific roles?
    - Incorporate testing for ITI profile(s) during IHE-RO connectathon?
  - Technical aspects of the (Authentication) issue have been addressed – vendors must prioritize implementation of the IHE-ITI profiles before the TC can move forward with testing efforts
- d. IPDW and DPDW Profiles – no changes to report at this time

### III. New Business

- a. Roster has been updated on Wiki – members requested to review and contact Sunita with changes
- b. Bruce is drafting Test Tools RFP to include Dose Compositing Profile, TDW Profile, and update to data for 2009 profiles

### IV. Future Meetings

- a. Face-to-face Meetings:
  1. Domain Pre-Testing (Granada, Spain, June 2-11, 2010).  
Profiles expected to be tested.
    - 2010 TDW
    - 2010 Dose Compositing
    - 2007 Basic RT (Contouring)
    - 2009 ARTI
  2. 2010 Connectathon – Sept 20-26, 2010
    - Mon 9/20 judge, setup day
    - Sat 9/25 TC meeting (all day)
    - Sun 9/26 (9am–12pm) TC meeting at Residence Inn  
(Profiles to be tested depend on results of Domain Pre-Testing)
  3. ASTRO 2010 Oct 31 – Nov 4, 2010 in San Diego, CA
    - Thus 11/4 – Sat 11/6 at or near ASTRO meeting
    - Hotel arrangements? Scripps?
- b. IHE-RO Future Teleconferences:
  1. Thursday, March 25, 12:00 – 2:00pm ET
  2. Thursday, April 29, 12:00 – 2:00pm ET
  3. Thursday, May 20, 12:00 – 2:00pm ET
  4. Thursday, July 29, 12:00 – 2:00pm ET
  5. Thursday, August 26, 12:00 – 2:00pm ET
  6. Thursday, October 21, 12:00 – 2:00pm ET
  7. Thursday, December 16, 12:00 – 2:00pm ET
- c. Related meetings
  1. ESTRO Sept 12-15, 2010, Barcelona, SP
  2. AAPM Annual Meeting July 18-22, Philadelphia, PA
  3. WG-7
    - March 16-19, 2010, at MITA. Starting 9:00 a.m. Tuesday, finishing 12:00 Friday. The positioning group may possibly meet just prior to that meeting.
    - Tentative scheduling for 22-24 July, Philadelphia PA (after AAPM, finish noon on 24<sup>th</sup>).

### V. Adjourn