

**IHE-RO Technical Committee**  
**Conference call**  
**May 17, 2012 at 1:00-2:30 PM ET**

**Technical Committee Chairs:**  
**Bruce Curran, MS, ME**  
**Chris Pauer, Accuray**

**IHERO Task Force Co-Chairs**  
**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**

Chris Pauer, Accuray (co-chair)  
Sidrah Abdul, ASTRO  
Walter Bosch, ATC  
Eli Stevens, Mobius  
Rishabh Kapoor, Morgridge  
Sanjay Bari, Elekta  
Harold Beunk, Elekta  
Stacy Loesch, Velocity  
Mark Pepelea, Philips

**Minutes (INFORMATIONAL: a quorum was *not* present on the call)**

**I. Call to Order at 1:05pm ET**

- a. Approval of Agenda
- b. Approval of minutes from April 17-20 face-to-face meeting
  - ACTION: Bruce to investigate the potential for (a) updating test tools for MMRO-II (modify from MMRO) and (b) develop test tools for the Dose Compositing Profile. **[Bruce not present]**
  - ACTION: Uli, Sanjay, and Koua to review and simplify machine characterizations. **[no update]**
  - ACTION: Uli to clarify (with WG-6) what information about the QC SCU can be put into the UPS. **[no update]**

- ACTION: Chris to survey QA vendors with a “straw man” set of RT Plan attributes for use in dose calculation to get their response. What attributes are commonly present in the RT Plan instances they process? **[Per QAPV T-con, 5/10, decision not to proceed with survey for now]**
- ACTION: The spreadsheet detailing attribute requirements for various beam types is to be reformatted as a white paper to accompany the ARTI Profile. **[Chris is waiting for input from Sue and Bruce before proceeding]**
- ACTION: Christof to create new ARTI-II Profile with the following changes **[no update]**
  - a) Remove Stereotactic Beam and Stereo Arc Beam
  - b) Add Photon Applicator Beam Type and Arc Photon Applicator Beam Type (with High Dose Rate option)
  - c) Require inclusion of Primary Fluence Mode Sequence (3002,0050) to improve safety
  - d) Clarify requirements for TMS Consumer Actor(s)
- ACTION: TC members to review the ARTI Beam Type Attributes spreadsheet (on BBS) and return comments before May IHE-RO TC Teleconference on May 17. **[TC Committee members reminded to review spreadsheet by May 23. Comments to be posted on BBS]**
- ACTION: Bruce to update IHE website. **[no update]**
- ACTION: Bruce and Uli to prepare draft RFP for IPDW Test Tools. Test data (plans) needed **[no update]**
- ACTION: Bruce to investigate whether MMRO Test Tools can be updated to MMRO-II. **[no update]**
- ACTION: Christof Schadt to draft a MMRO-III Use Case for presentation to the IHE-RO Planning Committee. **[no update]**
- ACTION: Bruce to report to Clinical Trials QA Harmonization Group meeting at ESTRO, May 10, 2012 in Barcelona. **[completed]**
- ACTION: An IHE-RO Brachytherapy sub-group (joint effort with DICOM WG-7) is to be created. Clinical input to be solicited. **[awaiting update from Uli Busch]**
- ACTION: Uli to review the IEC 62C 538E document and report on any issues that affect delivery profiles **[no update]**
- ACTION: Bruce and Walter to draft a proposal for changes to the Dose Compositing Profile; Survey vendors’ requirements for data management (Plan-to-Dose linkage). See proposed modifications above. **[no update]**
- ACTION: Chris to clean up document and post to BBS. **[awaiting feedback from 5/10 Tcon]**
- ACTION: Sue to post current version of Supplement on BBS. COMPLETED Sanjay and Uli to review.
- ACTION: Christof to reply [to Haken Maclean] with clarifications
- ACTION: Bruce to review Christof’s response and address any clarifications suggested by his response in the MMRO-II Supplement. Revised Supplement to be posted to BBS. **[FOLLOW-UP: Chris to follow up with Haken on outstanding issues]**
- ACTION: Walter to review example XML schema /DTD for IHE-ITI ATNA Profile and draft Profile Supplement. (See also [www.w3schools.com](http://www.w3schools.com) for info writing XML Schemas) **[no update]**
- ACTION: Chris to poll for alternate days (other Thursdays?) **[FOLLOW-UP: Sidrah to check with Bruce and set up new Doodle Poll]**
- ACTION: Schedule 2013 meetings, especially Connectathon. **[Connectathon and TC meeting dates have been confirmed. IHE-RO Joint PC/TC meeting at ASTRO]**

**Annual Meeting – suggested change to Monday to avoid conflict with MITA, awaiting response from ASTRO leadership.]**

II. Agenda Items

- a. Review action items from minutes

III. Other Business

- a. New member organization- Micropos Medical AB
- b. IHE Board Report April 2012
  - Current RO Profiles are not listed in IHE Registry: RO Vendors are unable to locate their products in the registry. Chris Carr to investigate.
  - Board suggested that IHE-RO priority should be on update of existing profiles, rather than development of new profiles
- c. Test Tools – no progress reported
  - **ACTION: Chris to follow up on all action items including Test Tools and report status to iherotech mailing list by May 24**

IV. Future Meetings

- A. Connectathon 2012: Sept 10-15 2012, ASTRO HQ, TC Meeting following
- B. ASTRO 2012 – Boston, MA (TC meeting tentatively Oct 31 – Nov 3, 2012)
- C. Connectathon 2013 tentatively May 2013, ASTRO HQ, TC Meeting following

IV. IHE-RO Future Teleconferences (require 7-day advance notice):

- A. **IHE-RO TC Teleconferences – currently scheduled for 3<sup>rd</sup> Thursday of each month at 1:00-2:30pm Eastern Time \*time subject to change, Sidrah Abdul will confirm via email.**
  - a. June 21 at 1-2:30pm ET
  - b. July 19 at 1-2:30pm ET
  - c. August 16 at 1-2:30pm ET
  - d. September – no call, face-to-face meeting at Connectathon
- B. QAPV Advisory Group
  - a. June 14 at 2-3pm ET
  - b. July 12 at 2-3pm ET
  - c. August 9 at 2-3pm ET

V. Adjourn 1:55pm ET