

**IHE-RO Technical Committee  
Conference call  
July 17, 2014 at 1:00-2:30 PM ET**

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

**IHERO Task Force Co-Chairs  
Dick Fraass, Ph.D., FAAPM, FASTRO, FACR  
John Buatti, MD**

**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.*

**Attendees:**

Chris Pauer (Accuray)  
Bruce Curran (VCU)  
Walter Bosch (Wash. Univ.)  
Harold Beunk (ICT)  
Koua Yang (Phillips)  
Jim Percy (Elekta)  
Sanjay Bari (Elekta)  
Henk Van Dijken (Elekta)  
Sven Siekmann (Brainlab)  
Eli Stevens (Mobius)  
Crystal Carter (ASTRO)

**Minutes:**

- I. Call to Order – Quorum declared at 1:07 PM EDT
  - a. Approval of Agenda
    - Agenda approved with additional item: New Brachytherapy Profile
  - b. Approval of minutes from May 15 and informational notes June 19 Teleconference– May 15 minutes approved without objection.
  
- II. Agenda Items
  - a. Brachytherapy Profile – The DICOM WG-07 Brachy sub-group is exploring options for improved interoperability for brachytherapy plans.

- Suggestion to start with IHE-RO Technical Framework template document (see [wiki.ihe.net](http://wiki.ihe.net) → Technical Frameworks → Official Templates → Supplement Template Word documents )
  - Profile is expected to address content of RT Plan for Brachytherapy. For this purpose, ARTI is a good guide.
  - **ACTION:** Henk to send draft profile to Jim Percy for review prior to TC review.
- b. ICT Update on Test Tools bug reporting and data creation
- Harold reported on updates on progress in latest sprint, and next spring targets. Status of ICT activities are maintained on [ihe-ro.org](http://ihe-ro.org) wiki.
  - Test tools for existing profiles can be downloaded from [ihe-ro.org](http://ihe-ro.org).
  - Current working on trial IPDW Test Tool
  - **ACTION:** Harold to release the latest tool version and work with Kari regarding validation of test data.
- c. MITA RT 2 Standard – reference to implementation of IHE-RO Profile (adherence) as satisfying safety requirements.
- Is reference to (draft) IHE-RO Profiles inappropriate in a standard? Is it pre-mature? Is there a class of “Readiness Check” profiles that can be referenced? This may not be needed.
- d. QAPV Update – Discuss latest suggested changes.
- Reconstituted QA Vendors group is reviewing profile
  - Discussion on proposal from Dave Clunie on reporting results – proposal to create a new RT Quality Assurance Results IOD instead of SR.
    1. A disadvantage noted for creating a new IOD is that support on existing (PACS) applications would be limited.
    2. **ACTION:** Jim Percy to check with Teramedica regarding how much time/effort would be required to support a new RT QA Results IOD.
    3. Discussion of Plan referencing tags. How general should these be? To be further discussed in WG-07 Mtg.
- e. Review update to TDW-II – deferred (Uli not available)
- f. Visit current profile status – More ACTIONS for September?
- g. Review of outstanding actions (“Complete” actions from last meeting have been removed. “Complete” markers here are new since last meeting.)

Chris:

- May 15 – Update WG pages on [ihe-ro.org](http://ihe-ro.org) (split out discussion groups)
- June 7 -With Bruce, investigate Q/R utility licensing with ASTRO **ACTION:** Chris to Clarify requirements for licensing Brainlab Q/R utility **ACTION:** Sven and/or Christof to clarify.
- June 19 – Appendix A work for TF, with Bruce
- June 19 – Updated QAPV – Chris is reviewing relative to the 2014 release of DICOM
- June 19 – QA Vendors group reestablished – **In Progress**
- **ACTION:** Chris to provide username/password for [ihe-ro.org](http://ihe-ro.org) wiki for Crystal Carter.
- **ACTION:** Chris to work with Crystal to distribute future meeting and teleconference invitations.

Bruce:

- June 7 -With Chris, investigate Q/R Utility licensing with ASTRO
- June 19 – Appendix A work for TF, with Chris
- June 19 – Update paragraph in Connectathon agreement regarding return expectation.

- June 19 – Proposed dates for TC Winter meeting and Spring Connectathon
- September – Discuss Brachy Planning / Brachy Delivery Use Cases from DICOM Subcommittee
- October – Discuss Brachy Planning / Brachy Delivery Use Cases from DICOM Subcommittee

Walter:

- June 19 - Update ROI Template draft to be consistent with Supp 147 and CP-1287, review DICOM part 19 – **In Progress**

Vendors:

- June 19 – Send contact information to Chris/Bruce for vendor thank you letters – **Complete**

h. Next Meeting

- Aug 22 Teleconference

III. Adjourned at 2:20 PM EDT.