

**IHE-RO Technical Committee  
Conference call  
January 16, 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.*

**I. Call to Order**

- a. Approval of Agenda
  - New items?
- b. Approval of minutes from December Teleconference meeting.

**II. Agenda Items**

- a. Testing at Connectathon
  - Review of Registration Form from 2013
  - What needs to be changed...
- b. Test Tools and Support Contract
- c. QAPV
  - Tool review
  - CP Review
  - QAPV Changes – Issues Noted During Public Comment
- d. Review of Other Activity for IHE-RO
  - State of Clinical Impact Statements
  - Machine Characterization Group
- e. IHE-RO Working Groups – Touch base
  - Data Transport / Archive Removal
  - CT-Sim and Relevant Use Cases
  - TMS to HIS Communication
- f. Action review from previous meetings:
  - **ACTION:** Chris to set up WG Pages on ihe-ro.org site, link from wiki.ihe.net
  - **ACTION:** Chris to revisit a getting-started-guide for UPS
  - **ACTION:** Chris to send link to QAPV Simulator to Harold – **Complete**
  - **ACTION:** Bruce to issue a call for participation in a Data Transport working group to develop Storage Transparency and Negotiation profiles – **Complete**

- **ACTION:** Bruce to issue a call for participation in a work group to evaluate the available technologies for CT-Sim and identify relevant, existing IHE profiles to address this Use Case – **Complete**
- **ACTION:** Bruce to circulate the proposal to upgrade DCOM Profile to use DICOM 2011 and new MMRO-II version of the Utilize Spatial Registration Transaction to the IHE-RO TC list for comments.
- **ACTION:** Bruce to draft proposals for symposia, suggest topics to IHE-RO PC - **Complete**
- **ACTION:** Bruce to solicit members for a Data Transport sub-group (Christof has volunteered to lead this group.) - **Complete**
- **ACTION:** Bruce to solicit participants for a working group for TMS to HIS communication | - **Complete**
- **ACTION:** Group to prepare drafts of Clinical Impact Statements
- **ACTION:** Bruce to post the revised BRTO CPs on ihe-ro.org
- **ACTION:** Chris to draft Test Tools RFP for Nov 6. - **Complete**
- **ACTION:** Uli to remove Performed Processing Parameters Sequence in the UPS Performed Procedure Sequence of TDW-II.
- **ACTION:** Uli to update TDW-II Profile to clarify Tx Record patient header data
- **ACTION:** Koua to present IHE-RO suggestions to MITA RT Section Machine Characterization Group - **Complete**
- **ACTION:** Gantry Pitch Angle (300A,014A) – change Specific Rules from “If not present, shall be assumed to be nominal position, If present, may not be ignored.” to “If not present, shall be assumed to be zero. If present, shall be zero.” (Zero angle = no rotation.)
- **ACTION:** For attributes Table Top Eccentric Angle (300A,0125), Table Top Pitch Angle (300A,0140), and Table Top Roll Angle (300A,0144), change Specific Rules to “Shall be zero.”
- **ACTION:** Update planning instructions (remove V80 machine) for BRTO, ARTI, DCOM for March 1, 2014
- **ACTION:** Update Test Tool Data Sets to include plans with V120 and remove V80 plans for March 1, 2014
- **ACTION:** Christof to incorporate changes from ARTI into the TPPC draft for distribution to TC by the end of 2013. - **Complete**
- **ACTION:** Collect a list of profile-adherent, legal variations in test data
  - Feet-first plans on head-first scans (Jim Percy to supply initial data)
  - Non-square dose grids, non-uniform grid-frame offsets

g. Next Meeting

- Feb 24-28, Holiday Inn San Diego Bayside