

**IHE-RO Technical Committee**  
**Conference call**  
**March 20, 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 February Face-to-Face meeting.

**II. Agenda Items**

- a. Service Contract Priorities
- b. Connectathon Preparedness
- c. Restructuring Workgroup – Discussion on TF Appendix A
- d. Origin of Beam Limiting Device in RT Image instances of type DRR
- e. Action review from previous meetings:
  - Due
    - **ACTION:** Chris to update the QAPV profile and release updated version on ihe-ro.org by March 8.
    - **ACTION:** Chris to upload modified TF Vol. 2 to ihe-ro.org for continuing work by March 8.
    - **ACTION:** Chris to update CP 1288 and forward to Uli by March 15.
    - **ACTION:** Bruce to solicit an Archive (support) vendor for 2014 Connectathon by March 15.
    - **ACTION:** Uli to update current version of Profile Map to insert content boxes into workflow boxes and send to Chris for posting on ihe-ro.org by March 5.
    - **ACTION:** Chris to set up a meeting of QA vendors to review dose check parameters by March 15.
    - **ACTION:** Amber to make changes to survey by March 5: - **Complete**
      - a. Remove profiles from list for formal testing: TDW-II, QAPV, TPPC.
      - b. Remove “(General)” and “(Beam Specific)” suffixes from Actor names throughout.
    - **ACTION:** Vendors who use Test Tools to provide feedback on opportunities to improve Test Tools and test datasets to Bruce and Chris. Chris to follow up by March 15.

- **ACTION:** Chris to discuss next steps for RO-HIS Profile with IHE-RO Steering Committee by March 15 (next SC meeting).
- **ACTION:** (Restructuring WG) Appendix A to be re-structured and text to be edited appropriately (This will also require changes to MMRO, etc. Supplements.) – revisit next TC meeting
- **ACTION:** Walter to update ROI Template draft for consistency with Supp 147 and CP-1287 (to be included in DICOM 2014 edition) with respect to coding and ROI parameters – to revisit next TC meeting.
- RT Beam Limiting Device Sequence – **requirements TBD** (further discussion tabled)
- **ACTION:** TPS, TMS vendors to investigate the source of BLD and Diaphragm information in RT Image instances of type DRR and how/where it is used by April 8 (for discussion at next TC meeting).
- **ACTION:** ICT to update Test Tool Data Sets to include plans with V120 and remove V80 plans for March 15
- Upcoming:
  - **ACTION:** Chris to revisit a getting-started guide for UPS by April 1.
  - **ACTION:** Chris to set up tickler to remind individuals responsible for action items by April 1.
  - **ACTION:** Walter/Bill to prepare Gazelle tutorial (Webex in mid April). Date to be announced by April 1.
  - **ACTION:** Amber to confirm IT readiness of ASTRO to support high-bandwidth communication for connectathon by April 1.
  - **ACTION:** Chris to provide Walter with example XML schemas by April 8.
  - **ACTION:** Bruce and Chris to contact IHE to ask what constraints there are on organizations that issue standards referenced in IHE profiles by March 24 (next IHE DCC meeting).
  - **ACTION:** Bruce to distribute to the TC an updated revision of ARTI with changes indicated by April 1:
    - For Hard Wedge and Motorized Wedge the Wedge Angle parameter is to be interpreted the physical wedge angle.
    - For Virtual Wedge the parameter is to be interpreted as the equivalent physical wedge angle.
  - **ACTION:** Uli to refer action on addition of a new Effective Wedge Angle attribute in RT Plan to DICOM WG-7 for March 24 WG-7 meeting.
  - **ACTION:** Uli to draft TPIC and TDIC Profiles for review (at least one by April 15).
  - **ACTION:** Walter to prepare CT images HFP (to be treated FFP) and confirm dataset integrity [Data from Jim Percy – phantom with burned-in orientation] for ARTI testing by April 15.
  - **ACTION:** Bruce/Lakshmi to include request to create non-square dose grids, non-uniform grid-frame offsets in planning instructions for BRTO, DCOM profiles by April 15.
  - **ACTION:** Walter to send existing judging checklists to Bruce and Lakshmi by April 1.
  - **ACTION:** Uli to update TDW-II Profile to clarify Tx Record patient header data by April 15.
  - **ACTION:** Bruce to update planning instructions to remove references to V80 machine specs by April 15.
  - **ACTION:** Uli to make brief presentation to WG-6 to discuss the appropriateness of using DICOM non-patient objects for ROI Templates on March 31.
  - **Action (9/13):** Uli to sort out the Concept Code for Treatment Delivery Type with WG-6 – CP is currently in letter ballot. (Results expected 3/31/14.)
  - **ACTION:** Bruce to post the revised BRTO CPs on ihe-ro.org by April 1.
  - **ACTION:** Uli to update draft of TDPC profile and post to the ihe-ro.org wiki by April 15

- **ACTION:** Bruce to distribute updated version of this CP-RO-2013-002 for public comment by April 1.
- **ACTION:** Profile owners to inspect Appendix A and evaluate the scope to see which pieces are applicable to their profiles, which are general, and which do not apply (and why). Chris to follow up by April 8.
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f. Next Meeting

- May 4-6, Washington D.C.