

IHE-RO Technical Committee
Face-to-Face with Conference call
May 4-5, 2014 at 8:30-5:30 PM ET, 8:30-12:00 on May 6

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.*

- Sunday May 4
 - 8:30-9:00 Settling and Setup
 - 9:00 – 12:30 Morning Session
 - Call to Order
 - Review Agenda
 - Approval of minutes from February Meeting.
 - Other broad topics to add.
 - Topic 1: Level Set
 - Updates on IHE-RO activities
 - Planning, Oversight, Steering Committees
 - ICT Contracts - Overview only, specific topics later
 - Washington U. Support Update
 - ASTRO news
 - DICOM Update
 - Machine Characterization
 - Topic 1.5 : Revisit Overview of Profiles
 - **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.
 - Topic 2:Connectathon Update
 - Overview of Week
 - Results
 - Gazelle Status
 - Archive Results
 - Test Data Discussion

- **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.
 - Test Tool results 2013-2014
 - **ACTION:** ICT to update Test Tool Data Sets to include plans with V120 and remove V80 plans for March 15
 - **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.
 - Connectathon hosting future
- 12:30 – 1:30 Break
- 1:30-5:30 Afternoon Session
 - Topic 3 Restructuring TF
 - Restructuring workgroup – Discussion on TF Appendix A
 - TF Vol 2 Modifications
 - **ACTION:** Chris to upload modified TF Vol. 2 to ihe-ro.org for continuing work by March 8.
 - Topic 3.5 BRTO Updates (Topic I from 2/26)
 - **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.
 - Topic 4 TP-IC, TD-IC, RT Image Issues(Item n in minutes)
 - Origin of Beam Limiting Device in RT Image instances of type DRR
 - **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:** Uli to draft TPIC and TDIC Profiles for review (at least one by April 15).
- Monday May 5
 - 8:30 – 12:30 Morning Session
 - Topic 5
 - QAPV Changes from DICOM review
 - **ACTION:** Chris to revisit a getting-started guide for UPS by April 1.
 - **ACTION:** Chris to update the QAPV profile and release updated version on ihe-ro.org by March 8.
 - **ACTION:** Chris to update CP 1288 and forward to Uli by March 15 - Complete
 - **ACTION:** Chris to set up a meeting of QA vendors to review dose check parameters by March 15.
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 - Topic 6:
 - DPDW Workgroup
 - Topic 7:
 - Consistent Patient Identification across RO (CPRO) Development
 - 12:30 – 1:30 Break
 - 1:30-5:30 Afternoon Session
 - Topic 8:

- Data Transport Workgroup
- Topic 9:
 - RO-HIS Workgroup
 - **ACTION:** Chris to discuss next steps for RO-HIS Profile with IHE-RO Steering Committee by March 15 (next SC meeting).
- Workgroup Actions:
 - **Action (1/16):** Chris to remind group leaders to bring meeting in Feb. Groups to provide updates at Feb 24-28 meeting. / Tickler Entries
 - **Action (1/16):** Chris to set up WG pages on ihe-ro.org site.
- Topic 10: ARTI
 - **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.
- Topic 11: ROI Templates (see k on 2/26 in minutes)
 - **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:** 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:** 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.
 - **ACTION:** Chris to provide Walter with example XML schemas by April 8.
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- Topic 12 TDW-II
 - **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:** Uli to update TDW-II Profile to clarify what “patient header data” means for Tx Record – by April 15.
- Topic 13 TD-PC
 - **ACTION:** Uli to update draft of TDPC profile and post to the ihe-ro.org wiki by April 15
- Tuesday May 6
 - 8:30 – 12:00 Morning Session
 - Topic 14
 - Synopsis of Activities for Clinical Advisory Group
 - What are the current priorities for TC?
 - What is the TC burn speed/throughput?
 - What would TC feel are the priorities to get finished first?
 - Topic 15: Future Meetings / Next Agenda
 - IHE-RO Meetings
 - IHE-RO Post-ASTRO TC meeting, Sep (17?)*18-20, San Francisco
 - IHE-RO Domain Pre-Testing – Oct 6-10, TC mtg 12-15,

- * Consider extending TC meetings after ASTRO, and test events.
- Other meetings through 2014
 - Mar 24-28 WG-7, NEMA, Washington, DC
 - Mar 31 WG-6, NEMA, Washington, DC
 - Apr 4-8 ESTRO, Vienna (possible meeting with IEC)
 - Jun 8-14 PTCOG, Shanghai
 - Jul 20-24 AAPM, Austin, TX
 - Jul 24-26 DICOM WG-7, Austin, TX
 - Sep 14-18 ASTRO, San Francisco, CA
 - Nov 3-7 DICOM WG-7, Washington, DC
- Outstanding Actions:
 - **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 set up tickler to remind individuals responsible for action items by April 1.
 - **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:** Bruce to post the revised BRTO CPs on ihe-ro.org by April 1.
 - **ACTION:** Bruce to distribute updated version of this CP-RO-2013-002 for public comment by April 1.