

IHE-RO Technical Committee
Face-to-Face with Conference call
February 24-27, 2014 at 8:30-5:30 PM PT, 8:30-12:00 on Feb 28

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.*

- Monday February 24
 - 8:30-9:00 Settling and Setup
 - 9:00 – 12:00 Morning Session
 - Call to Order
 - Review Agenda
 - Approval of minutes from January Telecon.
 - Other broad topics to add.
 - Topic 1: Level Set
 - Updates on IHE-RO activities
 - Planning, Oversight, Steering Committees
 - ICT Contracts
 - Washington U. Support Update
 - ASTRO news
 - DICOM Update
 - Machine Characterization
 - Topic 2: Connectathon Update
 - Support Activities and Needs
 - Test Tools
 - Other Judges Issues
 - What prep is still needed? What can we do at this meeting?
 - **Action (1/16):** Chris to request RT Plan and Delivery Instruction from TMS, TDD vendors for TDW-II Profile for ICT
 - **Action (1/16):** Uli to request tags Table Top Longitudinal, Lateral Parameters from TMS, TDD vendors to reconcile inconsistencies between Part 3 and Part 6 of DICOM CP

- **ACTION:** Uli to update TDW-II Profile to clarify Tx Record patient header data
 - 12:00 – 1:30 Break / Steering Committee Call
 - 1:30 – 5:30 Afternoon Session
 - Topic 3: Touch Base with Work Groups
 - What are next steps? Do you have plenary / breakout needs?
 - DPDW Workgroup
 - Consistent Patient Identification across RO (CPRO) Development
 - Data Transport Workgroup
 - RO-HIS Workgroup
 - **Action (1/16):** Chris to remind group leaders to bring meeting in Feb. Groups to provide updates at Feb 24-28 meeting.
 - **Action (1/16):** Chris to set up WG pages on ihe-ro.org site.
 - Topic 4: Clinical Impact Statements
 - Any items to address at this meeting?
 - Action followup: Chris to send list of DCOM actors to Amber
 - Topic 4.5: Adjustments to Agenda based on Steering/Advisory priorities.
- Tuesday February 25
 - 8:30 – 12:30 Morning Session
 - Topic 5: QAPV
 - Review latest changes to profile
 - Review the DICOM Change Proposal for the Structured Report and other content
 - **Action:** Chris to revisit a getting-started guide for UPS
 - Topic 6: DPDW
 - Plenary topics
 - 12:30-1:30 Break
 - 1:30 – 5:30 Afternoon Session
 - Topic 7: ROI Template
 - Update. Review for work that can be done at breakout
 - Topic 8: TDW-II
 - **Action(9/13):** Uli to sort out the Concept Code for Treatment Delivery Type with WG-6
 - Topic 8.5: Other Actions
 - **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:** Group to prepare drafts of Clinical Impact Statements
 - **ACTION:** Bruce to post the revised BRTO CPs on ihe-ro.org
 - **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:** 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

- Wednesday February 26
 - 8:30 – 12:30 Morning Session
 - Topic 9: Treatment Planning – Plan Content (TPPC)
 - Topic 10: Treatment Planning – Image Content
 - 12:30 – 1:30 Break
 - 1:30 – 5:30 Afternoon Session
 - 1:30: Group Breakout Planning
 - 2:00- Group Breakout
 - 4:30 Plenary

- Thursday February 27
 - 8:30 – 12:30 Morning Session
 - 8:30 – 9:00 Plenary
 - 9:00 – 12:00 Breakout Sessions
 - 12:00 – 12:30 Plenary
 - 12:30 – 1:30 Break
 - 1:30 – 5:30 Afternoon Session
 - 1:30: Group Breakout
 - 4:30 Plenary

- Friday February 28
 - 8:30 – 12:00
 - Next Step - Actions
 - Topic 11: Future Meetings / Next Agenda