IHE-RO Technical Committee
Face-to-Face
December 9-12, 2019 at 8:30-5:30 PST
December 13 8:30-12:00 PST

Technical Committee Chairs:
Scott Hadley, PhD
Chris Pauer

IHERO Working Group Co-Chairs
Bruce Curran, MS, ME, FAAPM, FACMP, FACR, AAPM / VCU Health
Bridget Koontz, MD, Medical Director, RO Services, Duke Regional

Mission Statement: *The American Association of Physicists in Medicine (AAPM) sponsors a multi-society Task Force to undertake an initiative to promote the Integration of the Healthcare Enterprise (IHE) – Radiation Oncology (RO. Originally formed by the American Society for Radiation Oncology (ASTRO), it fosters seamless connectivity and integration of radiotherapy equipment and the patient health information systems.   The Technical Committee of IHE-RO will undertake use cases defined by 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.*

Agenda:
Monday December 9:
- 8:30 – 9:00 Morning
  - Topic 1: Level Set
    - Review Agenda
      - Note set times for Topics
    - Approve Minutes
    - Updates on IHE-RO activities
      - Planning
      - Working Group
      - Domain Coordination Committee
    - AAPM
    - DICOM WG-7 Update
    - AdvaMed and Standards Effort
- 9:00 – 12:30
  - Topic 2: Treatment Planning – Plan Content (TPPC) Brachy
    - Also TDRC for Brachy
- 1:30 - 2:00
  - Topic 5.5: IHE-RO Technical Framework
  - Topic 3: Profile Disposition / Status
- 2:00 - 5:30
  - Topic 3.5: CT Shift Clinical Impact Statement
  - Topic 5: TPPC – Ion – Status
    - TD RC for Ion
  - Topic 4: Any further action on PC use cases?

- Prescription Exchange – Done
- Patient setup shifts from CT reference to treatment isocenter – Mark Pepelea to work with Jim Percy and Thomas Schwere
- Cancer registry dose summary reporting – Mary Feng to work on CIS
- Share DICOM RT images/structures/plans/dose with Rad
- Scanning tank data beam PPD and profile information – Bjorn Hardemark
- Tuesday December 10:
  - 8:30 – 12:30:
    - Topic 7: DPDW / IPDW / TDIC
  - 1:30 – 5:30
    - Topic 8: DICOM CP 1866
    - Topic 9: Prescription Profile (RXRO)
    - Topic 7: TDIC (continued)
    - Topic 6: RO Treatment History (ROTH)
- Wednesday December 11
  - 8:30 – 12:30
    - Topic 10: DRRO Update
    - Topic 12: Consistent Dose for External Beam (CDEB) Update
    - Topic 13: Basic RT Objects (BRTO) Topics
  - 1:30 – 5:30
    - Topic 13.5: Profile Priorities
    - Topic 14: Query Retrieve in RO (QRRO)
    - Topic 15: Treatment Planning – Image Content
- Thursday December 12
  - 8:30 – 10:30
    - Topic 11: ICT Priorities
    - Topic 16: Treatment Delivery Workflow – II
      - D. Wikler's Notes
    - Topic 18: Future Meetings / Topics
    - Topic 18.5: Range Manager, Surface Tracking other DPDW actors
  - 10:30 – 12:30
    - Topic 17: HIS
  - 1:30 – 5:30
    - Topic 17 (cont): HIS
    - Topic 19: Basic QA Workflow (BQAW)
- Friday December 13
  - 8:30 – 11:30
    - Topic 20: HIS Revisited
  - 11:30 – 12:00
    - Topic 21: Review and Wrap Up

Actions:
- ACTION 190701: Chris to ask Mary Jungers to mark the ARTI, BRTO, MMRO-II and TDW Profiles as retired and update Profile status on wiki.
- Four-D Image Import (FDII) – ACTION 190702: Scott Hadley and Michael Owens to request guidance from IHE-RAD (Change Proposal group).
- ACTION 190704: Chris to start draft of ROTH Profile text.
- ACTION 190705: Chris to update Clinical Impact Statement for ROTH with input from Scott Hadley
- ACTION 190707: Bruce Rakes to clean up v. 0.14 and update TPPCI-ION Profile document on ihe-ro.org wiki.

- ACTION 190708: Chris to update Chapter 7 Spreadsheet to reflect changes from Ion Subgroup.
- ACTION 190709: Chris to check and harmonize Actor names in version 0.14 and save as version 0.15 for next Tcon.
- ACTION 190710: Chris to upload version 1.3 (2019-07-19) to the wiki, update status, and publish with the IHE Domain Coordination Committee.
- ACTION 190711: Chris to publish version 0.14 of TPPC-ION on ihe-ro.org wiki and forward to IHE Domain Coordination Committee for Public Comment.

For more information specific to the IHE-RO Technical Committee, visit www.ihe-ro.org.