

IHE-RO Technical Committee
Conference Call
February 18, 2021
10:30 am – 12:00 pm EST

Technical Committee Chairs:
Scott Hadley, PhD, University of Michigan
Jon Treffert, RaySearch

Mission Statement: *The American Association of Physicists in Medicine American Society for Radiology Oncology (AAPM) supports 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, 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.*

Attendees

Jon Treffert (Raysearch)
Bruce Curran (VA/VCU)
Jan-Willem Doosje (DEMCON)
Lucas Persoon (DEMCON)
Harold Beunk (DEMCON)
Walter Bosch (Wash U)
Thomas Schwere (Varian)
Bob Pekarek (Accuray)
Jim Percy (Elekta)
Tucker Meyers (Epic)
Anthony DiDonato (MITRE)
Stefan Boman (Raysearch)
David Wikler (IBA)
Sanjay Bari (Elekta)
Sampath Kandala (GE)
Bruce Rakes (Mevion)
Richard Vogele (Brainlab)
Chris Pauer (Sun Nuclear)
Naveen Lakshmana (Phillips)
Jill Moton (AAPM)
Scott Hadley (U Mich)
John Stamm (Epic)

Minutes

- I. Call to Order at 10:35am ET
- II. Review Agenda
 - a. Announcement: IHE-RO Invoices have been distributed to participants
- III. Minutes Review
 - a. Request to identify meeting attendees by the vendor/organization they represent
 - b. Minutes from the 1/21/21 TC Teleconference were reviewed and approved without objection.as amended (with changes to the attendee list)
- IV. Test Tool Maintenance and Development
 - a. DemCon Introduction – Jan-Willem Doosje, Lucas Persoon
 - i. Company founded in 1993, >750 employees, medical device manufacturer, located in the Netherlands and Germany, ISO13485, ISO9001 certified, expertise in multiple disciplines

- ii. Test Tool team consists of Lucas Persoon, Harold Beunk, Andrea
- b. Access to BitBucket code repository to Demcon
 - i. ACTION 210201: Harold to send Jill contact information for Demcon individuals who should have access
- c. Priorities for Tool Maintenance/Development
 - i. Content Validator
 - ii. New Content Profiles
 - iii. UPS Validator
 - iv. New Development
 - 1. XRTS (FHIR) – cross-domain testing?
 - v. Offline (Command-Line) Testing Support

V. Committee updates.

- a. Connectathon preparations
 - i. Pre-testing (Test Tool Results)
 - 1. ACTION 210202: Jill to distribute DropBox invitations to Connectathon participants 1/18/21 – Done
 - ii. Retrieval of datasets and planning instructions (Producer Actors)
 - iii. Testing Schedule
 - iv. New Judges
- b. Introduction of new TC participants
 - i. Sampath Kandala - GE Medical Systems
 - ii. Antohny DiDonato – Mitre M-Code / Codex
- c. XRTS
 - i. Status and Next Steps
 - ii. Arrange TC meeting with stakeholders to discuss scope of Profile
- d. WG7
 - i. Incorporating CP2006 Unattached Contours
 - ii. Discussion of whether to incorporate Unattached Contours as an option in BRTO-* or to create a separate Profile.
 - iii. To be decided in a future TC meeting.
- e. IHE Domain Committee
 - i. ACTION 201202: Product Registry Categories
 - ii. ACTION 210203: Jill to send link to the AAPM “Vendor Compliance and Active Profiles” page to the TC
 - iii. Generating IHE Integration Statements when actor exists but no test partner is available to confirm
 - 1. Insufficient number of test partners, e.g., in TPPC, to fully test.
 - 2. ACTION 210204: Walter to consult with the IHE-RO Testing & Tools Cmte. regarding how to report partial success in Connectathon.

VI. 2021 Goals/Deliverables

- a. Current profiles (partial list)
 - i. TPPC-Brachy – Brachy sub-group continues work (Jim Percy)
 - ii. TDRC-Brachy – depends on TPPC-Brachy (Jim Percy)
 - iii. TDIC, TPIC – work in progress (David Wikler)
 - iv. TDW-II – may need to address feedback from Connectathon
 - v. TDRC
 - vi. TPPC-Ion – any public comments? (Bruce Rakes, David Wikler)
 - vii. TDPC-Ion – to be based on TPPC-Ion (work in Ion sub-group)
 - viii. TDRC-Ion - (work in Ion sub-group)
 - ix. DCOM – no activity
 - x. CDEB – no activity
- b. New profiles (partial list)
 - i. TDOR – (Thomas Schwere, Sanjay Bari)
 - ii. FDII – (Motion-management group?)
 - iii. BQAW – (Chris Pauer)
 - iv. DOSE – (Chris Pauer)

- v. ROTH – Coordinate with RT Course development in WG-07 (Walter Bosch)
- c. Potential new/revisited Profiles/Use Cases to work on
 - i. DPDW revisited (Jon Treffert)
 - ii. Sim Iso
 - iii. Others?
- d. **ACTION 210205**: Jon to summarize priorities for Protocol development in 2021 and distribute to the TC.

VII. Meeting adjourned at 12:07pm ET