IHE-RO Technical Committee Conference Call
Oct. 19, 2023
10:30 am – 11:50 pm ET

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.*

Attendance

Jon Treffert (Raysearch)
Walter Bosch (Wash U)
Bruce Curran (VCU)
Harold Beunk (Demcon)
Bruce Rakes (Mevion)
Jim Percy (Elekta)
Richard Vögele (Brainlab)
Thomas Schwere (Varian)
Dan Pawlak (Epic)
Sanjay Bari (Elekta)
David Wikler (IBA)
Tucker Meyers (Epic)
Bob Pekarek (Accuray)
Scott Hadley (UMich)

Minutes

I.   Call to Order at 10:33am EDT

II. Review Agenda

III. Review Minutes
   a. Minutes from the Aug 17, 2023 TC Teleconference were reviewed. Motion to approve by Jim Percy; seconded by David Wikler; approved without objection or abstention.

IV. Co-chair selection/replacement
   a. Nomination process/timeline
      i. Jill will send call for nominations for IHE-RO industry co-chair after the 10/19/23 TC meeting.
   b. Outstanding Tasks
      i. Update ihe.net – Jim Percy reported progress in moving profile status information from ihe-ro.org wiki to ihe.net and Box.

V.   Profile publication
   a. Approval of new Actors/Transactions
      i. New IHE-RO Actors and Transactions are to be presented for approval at the next IHE Domain Coordination Committee on Oct 24 at 10:00am ET.

VI. TDW-II cleanup/correction [In preparation, please read text in the IHE-RO Box Drive: ihe_ro_supp_tdw-ii_v2-rev21.docx]
   a. David Wikler reviewed updates to the TDW-II Profile (rev 21).

    i. Discussion of UPS Worklist query responses and the relationship between UPSs and treatment sessions in TDW-II.

    ii. Some proposed requirements are duplicative of DICOM.

    iii. Consensus that the requirement for Worklist Query responses in section 3.58.4.2.2 Message Semantics be removed, and that no additional requirements are needed at this time.

3.58.4.2.2 Message Semantics

~~For the Query Worklist for Treatment Sessions Workitems transaction exactly one~~ ==~~Unified Procedure Step (UPS C-FIND RSP in the 'pending' state) shall be returned for each matching treatment session~~==.

Requirements on the Return Key values in the C-FIND RSP are defined in section **Error! Reference source not found.**.

Commented [DW1]: Is this still relevant?

VII. Review TDW-III draft [In preparation, please read text in the IHE-RO Box Drive: ihe_ro_supp_tdw-iii_0.2.docx]

    a. Discussion was deferred to the next TC meeting.

VIII. Connectathon questions

    a. VPN

        i. TC members were reminded to their individual VPN agreements to Jill Moton.

        ii. VPN accounts (profiles and credentials) should continue to work. Users should contact Walter Bosch if a new profile is needed.

        iii. It was noted that VPN profiles distributed by Walter can be used with the latest version of OpenVPN (3.4.2) by removing the "ncp-disable" line in the (.ovpn) configuration file.

    b. Pre-test data have been received by Walter from all Connectathon participants with Producer Actors and will be reviewed before the Connectathon.

    c. 2023 Connectathon Test datasets have been loaded into AAPM Test Archive. They can also be retrieved from the AAPM Test Server via web at http://10.20.38.200/Connectathon-2023/Participant-Data/ (Participants should only retrieve their own datasets.)

IX. Fall Virtual F-F – Discussion was deferred to the next TC meeting.

X. Adjournment at 12:06pm EDT