

IHE-RO Technical Committee
Conference Call
July 17, 2017
10:30 am – 12:00 pm EDT

Technical Committee Chairs:
Scott Hadley, PhD, University of Michigan
Chris Pauer, Sun Nuclear

IHERO Task Force Co-Chairs
Bruce Curran, MS, ME, FAAPM, FACMP, FACR, AAPM / VCU Health
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.*

In Attendance

Chris Pauer, Sun Nuclear
Bruce Rakes, Mevion
KunZhang, Viewray
Jim Percy, Elekta
Scott Hadley, UMich/AAPM
Sven Siekmann, Brainlab
Walter Bosch, WU/ATC
Stefan Pall Boman, Raysearch
David Wikler, IBA

Minutes

- I. Call to Order at 10:40am EDT – a quorum was declared
 - a. Review Agenda - approved
 - b. Review and Approve Minutes – April, May and June – Approved without objection or abstention.
- II. Update on Steering Committee Meeting and Planning Committee
- III. August Meeting
 - a. Logistics Posted
 - b. Agenda Review
- IV. Connectathon Progress timeline was reviewed by Chris
 - a. Participant Poll has been Edited
 - b. Poll has been reviewed and approved, to be published ASAP
 - c. Actor Poll Returned by Vendors by August 1
 - d. Judges Meeting / Teleconference on or about August 9.
 - e. Vendors Reminded about Test Tool Requirements / Outstanding Poll Returns – August 15

- f. Equipment / Electrical and Net Access Verified by August 15
 - g. Hotel / Travel Information Communicated by August 15
 - h. Full Connectathon Information Available on wiki – August 15
 - i. Test Tool Results given to Judges – 2 Weeks Prior to Start of Connectathon – by 9/25
- V. Review State of Treatment Delivery – Record Content profile – Chris
- a. IHE-RO Content Definitions Edit
 - b. Profile Review
 - c. Chris to review TDRC CPs to incorporate RT Ion Beams content from T*PC Profile.
- VI. Expected attendance at Denver IHE-RO TC meeting
- a. Chris P, Walter B, Jim P, Bruce R, David W, Yury N, Scott H, (Sven via webex), Rickard H
- VII. Ion Therapy Subgroup report
- a. The group has identified 6 RT Ion Plan beam types. David had drafted DICOM attribute requirements for each beam type for T*PC Profiles.
 - b. Draft to be reviewed at the IHE-RO TC meeting in Denver (~ 1 hour) tentatively, Thursday 1:00 or 1:30pm (David to coordinate meeting time)
- VIII. Review of IHE-RO CPs
- a. TDW-II
 - i. Updated ID and title: CP-RO-TDW-II-001, “Correct Content Reference for TDW-II”
 - ii. Made change instructions specific to “Treatment delivery workflow-related content” sections
 - b. CDEB – awaiting Final Text of DICOM CP
 - i. Chris will check status of DICOM CP 1659
- IX. Upcoming meetings or other final items.
- a. Proposal to address overlays in DRRs using DICOM Presentation State
 - i. Stefan B. is drafting a proposal for review by TC.
 - ii. Add to agenda for Denver TC meeting (morning)
 - b. The HIS group has requested a slot ~10:30am Thursday
- X. Meeting was adjourned at 11:55am EDT