

IHE-RO Technical Committee
Conference Call
May 21, 2018
10:30 am – 12:00 pm EST

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

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.*

Attendees:

Chris Pauer, Sun Nuclear
Jill Moton, AAPM
Walter Bosch, WashU/ATC
Jim Percy, Elekta
Stefan Pall Boman, Raysearch
Rickard Holmberg, Raysearch
Eric Vinson, Northwest Portland Area Indian Health Board
Neelu Soni, Mercy Hospital, Springfield
Koua Yang, Philips
Harold Beunk, ICT
Bob Pekarek, Accuray
Bruce Curran, VCU/AAPM

Minutes:

- I. Call to Order at 10:34am ET – a quorum was declared.
- II. Other committee updates.
 - a. Chris and Jill updated the TC on recent SC and PC activity
 - b. Use case survey sent out May 9, closes May 31. To date there are 8-10 responses on ASTRO link and 117 responses on AAPM link.
- III. Template Update – DICOM Content Addition
 - a. Chris is corresponding with Mary Jungers to request publication of updated DICOM Content material in the IHE Technical Framework.
- IV. Reminder - housing reservations for Nashville and complete the registration
 - a. AAPM Annual Meeting July 29 – Aug 2, 2018 in Nashville, TN
 - b. IHE-RO TC is scheduled Aug 1 (2pm) to Aug 4 (12pm)
 - c. Currently 27 people are registered to attend the TC.
- V. RXRO – added as per Face to Face minutes – not discussed on this call
- VI. Update on Treatment Delivery – Record Content
 - a. Additional content is needed

- b. ACTION 180501 Chris to upload latest version of TDRC profile to ihe-ro.org wiki.
- c. ACTION: 180502 Chris to follow up with (4) people who have expressed interest in the Ion Plan Delivery for the TDRC Profile

VII. Update on QAW – not discussed on this call

VIII. Outstanding Actions

- a. ACTION 180401 Chris to formalize rules for Profile development and testing.
 - i. Add to TF after Connectathon testing
 - ii. Formal Connectathon testing after informal testing
 - iii. CPs for Profiles in TF, revisions before that.
- b. Update on QRRO
 - i. Koua updated the group on QRRO Profile (rev. 1.8)
 - ii. The group reviewed attribute requirements for the first use case shown in the draft Profile. This Use Case supports retrieval of plans by a physician at a review workstation. The TC discussed query key and return requirements for DICOM attributes needed to identify the plan instance(s) to be retrieved. Some related, but distinct Use Cases were discussed, but set aside for now.
 - iii. ACTION 180503 Koua to review and expand use case for RT Plan query/retrieval for discussion in the next Tcon.
- c. Updates on ROTH – not discussed on this call

IX. Any other updates.

- a. Jill reported that the 2018 Connectathon agreement will be distributed June 1, 2018. Response deadline is July 13, 2018. Testing questionnaire will be distributed to participants by July 13, 2018.

X. Meeting was adjourned at 12:00pm ET.