

**IHE-RO Technical Committee
Conference Call
February 21, 2019
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
Harold Beunk, ICT
Jim Percy, Elekta
Scott Hadley, UMich
Stefan Pall Boman, Raysearch
Rickard Holmberg, Raysearch
Walter Bosch, WashU/ATC
Luis Maldonado, IMED Specialists
Koua Yang, Philips
Sanjay Bari, Elekta
Tucker Meyers, Epic
Jon Treffert, Raysearch
Bob Pekarek, Accuray
Bruce Rakes, Mevion
Bruce Curran, VCU

Minutes:

- I. Call to Order at 10:35am ET – a quorum was declared
 - a. The meeting agenda was reviewed.

- II. Minutes Review
 - a. January 2019 IHE-RO TC meeting minutes were reviewed and approved without objection.

- III. Other committee updates.
 - a. PC and SC
 1. PC is meeting 2/21/19
 - i. Clinical Impact Statements are to be reviewed.
 - ii. Chris will present the TC response to proposed Use Cases.
 - iii. Question regarding the RO page on the www.ihe.net site
 - b. IHE Domain Committee
 1. Technical Framework update

- i. Chris is updating the TF to include Final Text Profiles (BRTO-II, MMRO-III, TPPC). BRTO-II content has been included in the TF. Insertion of MMRO-III and TPPC will follow.
- ii. BRTO-II content is *replacing* the corresponding BRTO sections in the IHE-RO Technical Framework. The original BRTO Profile document will be maintained and can be retrieved from the ihe-ro.org wiki site.
- iii. Changes to Profile content after a Supplement is added to the TF are in the form of Change Proposals.

IV. Treatment Delivery – Record Content

- a. Change in Actor names to remove the word “Content”: Treatment Delivery Record ~~Content~~ Producer, Treatment Delivery Record ~~Content~~ Consumer
- b. **ACTION 190201**: Chris to complete editorial changes in the TDR Profile per items v. and vi. from Jan 2019 TC meeting (see ACTION 190117)
 1. IOD Def Table is missing – needs to be replaced
 2. Add Referenced Treatment Record Sequence conditionally (to reference prior treatment record for resumed treatment).

V. Connectathon Survey

- a. A survey of potential Connectathon participants has been sent out. The survey is needed for a “head count” to develop test plans for the 2019 Connectathon. It is not a commitment to participate. A response (via email to wbosch@wustl.edu) is requested by Mar. 8, 2019.

VI. Plan Content for TDW-II

- a. The TDW-II Profile currently requires that the content of the RT Plan adheres to the CDEB Profile and the RT Treatment Record adheres to the TDR Profile. This wording seems to indicate that TDW-II Actors must also adhere to CDEB, TDR in order to pass TDW-II. There was concern that strict cross-profile requirements would limit the number of test participants and greatly complicate the test process.
- b. TDW-II is a Workflow Profile with minimal requirements for RT Plan and RT Treatment Record *content*. The exception is related to patient safety in the context of plan selection.
- c. On further discussion, the cross-profile requirements in TDW-II were softened to indicate the content of plans and treatment records is covered by other IHE-RO Profiles. The wording regarding requirements for RT Plan (RT Treatment Record) *content* was changed to “...is expected to conform to the CDEB (TDR) Profile”.
- d. **ACTION 190202**: Chris to incorporate wording changes into TDW-II Profile test for review and confirmation by the TC.

VII. Other Updates

- a. ICT Unit Testing Update – Harold Beunk announced an update to the IHE-RO Content Validator that includes a complete set of unit tests. Details are in email from Harold (2/21/19). An updated version of the software will be available on the ihe-ro.org wiki.

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