

IHE-RO Technical Committee
Conference Call
May 21, 2020
10:30 am – 12:00 pm EST

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

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.*

- I. Call to Order
- II. Review Agenda
- III. Minutes Review – April 2020
- IV. Other committee updates.
 - a. PC and SC
 - b. IHE Domain Committee
- V. Other IHE-RO Items
- VI. Voximetry Healthcare – Paul Wickre
- VII. XRTS (HIS) Profile – Review by PC, pending review with Domain Committee
- VIII. DRRO (Deformable Registration in RO) Profile Topics
 - a. Creation of a deformed image (use case #5 in DRRO):
 - i. Equipment creating the deformed image
 - ii. Add equipment of the two image sets to the Contributing equipment sequence
 - iii. Acquisition DateTime vs. Content Date/Time
 - b. Creation of a deformed structure set (use case #3 in DRRO):
 - i. Add reference to the original structure set
 - ii. Add reference to the deformable registration used to propagate the structures from the original structure set
 - c. Creation of a deformed dose (use case #4 in DRRO):
 - i. Add reference to the original dose
- IX. Agenda for July Meeting
- X. October Meeting in Belgium – Any actions we want to take now?
- XI. Connectathon – can we be cloud-based?