IHE-RO DPDW Call
Tuesday, September 26, 2023 10:30am Eastern Time

Attendees:
Harold Beunk (Demcon)
Bruce Rakes (Mevion)
David Wikler (IBA)
Sanjay Bari (Elekta)
Bob Pekarek (Accuray)
Istvan Matyas (Siemens Healthineers)
Thomas Schwere (Varian)
Jill Moton (AAPM)

Minutes:

I. Call to Order at 10:30am ET

II. Workflow Integration using DICOM Unified Worklist:
   a. David presented a proposal how to integrate additional actors in the treatment room for joining a treatment session.
   b. In the proposal the TMS implements UPS Watch and UPS Event as an SCP.
   c. The additional actor(s) can subscribe on the TMS to get notifications whenever an interested UPS is being changed (e.g. by using filtered subscription). Upon receiving the notification they can get the details of the UPS being performed using N-GET (e.g. patient details, treatment session UID, input objects, etc.)
   d. For better decoupling the actors in the treatment room from the TMS, the group preferred the approach to have the UPS Watch/Event services implemented by the TDD. With that the TDD is playing the role of the TSM as defined in DPDW.
   e. ACTION: David to update the proposal along the discussion.

III. Workflow Integration using FHIR/FHIRcast:
   a. Thomas walked the group through the "Usage of FHIR to drive a Treatment Session in DPDW" whitepaper (https://aapm.box.com/s/hizj10czndpqe0dvdzdwzxyxs2m3kbe9).
   b. For the next meeting he will work on a proposal covering a concrete use case (see action items below).

IV. Next Meeting
   a. Next DPDW Committee – October 24, 2023 at 10:30am ET

V. Meeting adjourned at 11:50am ET

Open action items from previous meetings:

ACTION: Thomas to draft a sequence diagram based on FHIRcast (context to be exchanged: Patient, Treatment Session UID)
ACTION: Thomas to present the patient identity verification use case using FHIR/FHIRcast.
Update 2023-08-23: This will be covered by above action item about exchanging context using FHIRcast.