

# IHE-RO DPDW Call

Thursday, November 22, 2022 10:00am Eastern Time

## Attendees:

Jill Moton (AAPM)  
Gergely Parditka (Brainlab)  
Harold Beunk (Demcon)  
Bruce Rakes (Mevion)  
Jon Treffert (RaySearch)  
Istvan Matyas (Siemens Healthineers)  
Thomas Schwere (Varian)

## Minutes:

- I. Call to Order at 10:04am ET
- II. DPDW Activities
  - a. The group discussed about topics to be addressed in the DPDW Committee.
  - b. Potential candidates:
    - i. Recording of “treatment parameters” in the Treatment UPS (see also further below).
    - ii. Support of off-isocenter patient setups (e.g. in-room CT, Leo Cancer Care, etc.).
    - iii. Provide RT Dose object as an additional input information for the IGRT activity.
- III. Recording of “treatment parameters” in the Treatment UPS
  - a. Use cases:
    - i. Captured couch positions that should be re-applied for subsequent fractions as starting position (through the BDI).
    - ii. Captured setup notes that should be available for subsequent fractions.
  - b. There may still be a manual decision in TMS to take-over the recorded parameters for the subsequent fractions.
  - c. Such parameters could be conveyed as coded parameters in the Performed Processing Parameters Sequence of the Treatment UPS. Q: Is the existence or lack of the data instructive enough, or should this be modeled more explicit?
- IV. Imaging extension in TDW-II
  - a. The group re-discussed the approach of creating a new workitem code that combines both imaging and treatment delivery in a single UPS. The role of the objects in the Input Information Sequence may not always be clear when combining multiple activities in a single UPS (though the role of the objects could be specified through additional parameters in the scheduled processing parameters sequence).
  - b. Another approach would be to create a “generic” imaging UPS that only provides the reference data that may be used for the imaging activity but does not specify any additional details about what type of imaging to be performed. Usually, the type of imaging is an ad-hoc decision at the machine depending on the situation of the day. The introduction of the Treatment Session UID in TDOR helps in grouping the treatment UPS and that generic imaging UPS into the same session.
  - c. **ACTION**: Thomas to update David about this discussion.
- V. Next Meeting
  - a. DPDW Committee meetings for 2023 – fourth Tuesday at 10:00am ET
  - b. Next DPDW Committee – Jan 24, 2022 at 10:00am ET
- VI. Meeting adjourned at 11:10am ET