

Minutes

Discrete Positioning and Delivery Workflow (DPDW)

Conference Call

June 28, 2022

10:00am – 10:40am ET

DPDW Subgroup Chair:

Thomas Schwere, Varian Medical Systems
(thomas.schwere@varian.com)

IHERO Task Force Co-Chairs

Bruce Curran, MEng, FAAPM, FACMP, FACR
Bridget Koontz, MD

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.*

In Attendance:

Jill Moton (AAPM)
Gergely Parditka (Brainlab)
Harold Beunk (Demcon)
Sanjay Bari (Elekta)
Bob Pekarek (Accuray)
David Wikler (IBA)
Jon Treffert (RaySearch)
Thomas Schwere (Varian)

1 Call to Order

The meeting was started at 10:00am ET.

2 General

- Mary Jungers prepared the TDOR version for PC.
- The group re-iterated over the candidate topics to work on next as identified in the last meeting.
 - New vendors hopefully showing up at the AAPM meeting might set the priorities of those topics.
 - Guidance is also anticipated by the TC.
 - Sanjay/Elekta investigated DICOMWeb as an alternative to DICOM DIMSE for TDW-II (using the same concept as in BQAW presented by Thomas).
 - DICOM vs. FHIR: Existing TDD as well as TMS vendors invested a lot in building up the infrastructure for DICOM UPS. It might be difficult to get buy-in from their management to work on yet another protocol stack unless there is real benefit.
- Next Steps:
 - Bruce to provide an overview in the “F2F” @ AAPM about what information Mevion is using in the BDI to support setup and imaging use cases.
 - Thomas to present a whitepaper in the “F2F” @ AAPM about using FHIRcast as an alternative to DICOM UPS in DPDW and other workflow profiles.

3 Adjournment

The meeting was adjourned at 10:40am ET.

Appendix A: Administration and Process Information

Documents are published at the following locations. If you have problems in accessing the document, please contact the Chair (thomas.schwere@varian.com).

Process of Authoring:

Steps:

1. Download a local copy of the document from locations below
2. Open this copy and remove all change bars
3. Ensure, that Changes Bars are switched on
4. **Make your changes**
5. Provide the updated version to the Chair

Location of Documents:

DPDW Subgroup Minutes

http://wiki.ihe.net/index.php?title=RO_DPDW_WorkingGroup

DPDW Profile

The DPDW Profile is an IHE-RO document.

The current version is available in the IHE-RO Org Wiki:

<http://www.ihe-ro.org/>

Please find the current document under this page:

<http://www.ihe-ro.org/doku.php?id=doc:profiles>

Supp 160

DICOM Supplement 160 (Patient Positioning and Workflow) in s DICOM WG-07 document.

The current version is available at the DICOM ftp server:

<ftp://d9->

[workgrps:goimagego@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/WG07/Sup/Sup160_PatientPositioningAndWorkflow](ftp://d9-workgrps:goimagego@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/WG07/Sup/Sup160_PatientPositioningAndWorkflow)

Mailing List:

The mailing list for the DPDW subgroup is:

2022.iherodpdw@aapm.org