

Minutes

Discrete Positioning and Delivery Workflow (DPDW)

Conference Call

August 25, 2022

10:00am – 11:20am 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)
Bob Pekarek (Accuray)
Bruce Rakes (Mevion)
Thomas Schwere (Varian)

1 Call to Order

The meeting was started at 10:00am ET.

2 General

- Thomas created TDOR Rev 1.1 addressing PC feedback as well as additional (editorial) comments from IBA.
- Thomas walked the group through the comments. Most items could be resolved. Some items resulted in longer discussions, e.g. single vs. multiple UPSs scheduled into the same treatment session or how many recording UPS the TMS has to expect for a single treatment sessions. Consensus was to formulate the profile in an agnostic way and not to be too constraining. Thomas to add clarifying statements about this into the Concepts section of TDOR (already added to Rev 1.1).
- A few items need to be discussed with David/IBA in the next scheduled DPDW call.
- TDOR Rev 1.1 was uploaded to Box:
<https://aapm.box.com/s/cj9hvhxgqasdiillcr0r536lsv7ucbay>.
- Thomas provided an outlook that he worked on a “DPDW Whitepaper” addressing FHIR/FHIRcast for the workflow channel as an option to DICOM Unified Worklist Unified and Procedure Step. The plan is to present this whitepaper during the Oct IHE-RO TC meeting.

3 Adjournment

The meeting was adjourned at 11:20am 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

Mailing List:

The mailing list for the DPDW subgroup is:

2022.iherodpdw@aapm.org