

Minutes

Discrete Positioning and Delivery Workflow (DPDW)

Conference Call

February 22, 2022

10:00am – 11:10am 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)
Istvan Matyas (Siemens Healthineers)
Sanjay Bari (Elekta)
Bob Pekarek (Accuray)
David Wikler (IBA)
Bruce Rakes (Mevion)
Jon Treffert (RaySearch)
Ondrej Sevela (Advanced Oncotherapy)

Thomas Schwere (Varian)

1 Call to Order

The meeting was started at 10:00am ET.

2 Status Update to PC

Sanjay walked the group through the slide deck presented to the PC for a status update on the workflow profiles. The presentation to the PC was very well perceived.

3 Design Topics

3.1. TDW Offline Recording

The group reviewed preliminary version 0.6 of TDOR. There were a few findings/comments only:

- Non-intermittent network outages should be added as variations to the use cases. After a couple of retries, they will end up in the very same situations.
- The question was brought up if we should define the behavior for a scenario where a session is on-going at a TDD and the very same TDD initiates the deferred recording of another previously failed session. It was decided that this is not in scope of this profile but should rather be mentioned in the documentation of the particular TDD and TMS implementations.
- The profile should not define the error code to use when rejecting the N-CREATE of the “Record Treatment Session” UPS. This should be left up to the TMS together with an appropriate documentation in the DICOM Conformance Statement.

Thomas will incorporate above findings and will upload version 0.6 to Box. People should then review prior to the next subgroup call. Goal is to vote TDOR for Public Comment during the next TC meeting/call.

4 Adjournment

The meeting was adjourned at 11:10am 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