

Minutes

Discrete Positioning and Delivery Workflow (DPDW)

Conference Call

June 15, 2021

10:00am – 11:30am 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)
Bruce Rakes (Mevion)
Jon Treffert (RaySearch)
Harold Beunk (Demcon)
David Wikler (IBA)
Istvan Matyas (Siemens Healthineers)
Sanjay Bari (Elekta)
Thomas Schwere (Varian)

1 Call to Order

The meeting was started at 10:00am ET.

2 Design Topics

2.1. TDW-II: Continue discussion initiated in email after last TCon

The group intensely discussed the semantics on the Procedure Step State (0074,1000) and the Procedure Step Progress (0074,1004) in particular in the context of the TDW-II profile. The TDW-II is about interoperability in the very specific context of a treatment session rather than a generic workflow profile based on Unified Worklist/Procedure Step. Furthermore, the UPS specifies a very concrete workitem code of “RT Treatment with Internal Verification” (verification in this context is referring to the verification of the machine parameters). The Procedure Step Progress is supposed to cover progress in performing this specific activity only, e.g. imaging should not be included here.

David to update the working version of TDW-II according to this discussion (available on [Dropbox](#)).

For interested readers, the recording of the meeting is available on https://zoom.us/rec/share/Eb_c6RPgX7Amc4BwA66jaBuArpjAOcCyqG83aex8DbeKFwZmZCt4LROlttBpUZ-8.KgKWUnQFwaQYyO8g (Passcode: DWM=Ka8r).

2.2. TDW Offline Recording

Thomas asked the members to review revision 0.3 of TDOR (available on [Dropbox](#)) before the next call. Feedback can directly go into the document (Track Changes enabled).

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](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:

2021.iherodpdw@aapm.org