

Minutes

Discrete Positioning and Delivery Workflow (DPDW)

Conference Call

May 18, 2021

10:00am – 11:30am ET

DPDW Subgroup Chair:

Thomas Schwere, Varian Medical Systems

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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)
Bob Pekarek (Accuray)
Ondrej Sevela (ADAM SA)
Thomas Schwere (Varian)

1 Call to Order

The meeting was started at 10:00am ET.

2 Design Topics

2.1. TDW-II: Continue discussion from the TC Meeting May 4-6, 2021

The group decided on the following:

- The link to the Beam Number in any N-SET Progress Update shall be optional.
- The TMS shall not use the Procedure Step Progress to determine the overall status of the (therapeutic) treatment delivery. This shall be based on the information in the Tx Record(s) only.

David will update the TDW-II profile on the [Dropbox](#) accordingly. The group should then review the updated document prior to the next meeting using the online commenting method.

David introduced the group to the restructuring of the current workflow module definitions. The UPS attributes will be specified as part of the appropriate use-case specific service definition (e.g. N-SET, C-FIND, ...) in section 7.5. The TDOR profile will use the same approach.

2.2. TDW Offline Recording

Thomas walked the group through working revision 0.3 of TDOR. He will continue authoring/cleaning up and upload TDOR to the Dropbox for review by the group.

3 Adjournment

The meeting was adjourned at 11:29am 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