

Minutes

Discrete Positioning and Delivery Workflow (DPDW)

Conference Call

March 16, 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)
Sanjay Bari (Elekta)
Bob Pekarek (Accuray)
Thomas Schwere (Varian)

1 Call to Order

The meeting was started at 10:00am ET.

2 General

2.1. Update on DPDW Use Cases/New Device Vendors

There is the desire to have a uniform interface for all the different devices to enable online adaptations for example. Jon is trying to arrange a meeting with these new vendors for initial discussion and working out concrete use cases.

3 TDW Offline Recording

- [TDOR Rev 0.2](#) uploaded to the IHE-RO Wiki. Contains two main use cases 1) Deferred Recording and 2) Treating from TDD Local Cache.
- Thomas to continue editing the profile (actors and transactions) along the latest discussions.
- More offline recording use cases?
 - A. Emergency treatment (i.e. “un-managed” workflow w/o receiving the request from TMS but later reconciliation on the TMS and potentially feeding this plan for subsequent fractions). This may even be done w/o the creation of a RT Plan. How do we prevent that this becomes the standard scenario? Follow up with Jon about the concrete clinical scenario he mentioned.

4 Adjournment

The meeting was adjourned at 10:45am 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