

Agenda

Discrete Positioning and Delivery Workflow (DPDW)

Conference Call

April 23, 2019
10:30am – 11:30am EST

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.*

1 Call to Order

1.1 Approval of Agenda

Members may raise other topics.

2 Design Topics

2.1 IPDW

- Quick walk-through latest updates in IPDW profile (Rev 2.1 Draft1).
- How to specify imaging only task: Treat UPS/BDI (Beam Task Type: VERIFY) vs. Imaging UPS/Scheduled Processing Parameters (RT Plan UID, Beam Number(s))?
- Re-performing of an imaging procedure: Use same procedure vs. creating a new procedure?

- What to record in case of a deviation to the initially scheduled procedures? (E.g. in case the scheduled image modality is currently not available.)

3 Adjournment

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](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:

2019.iherodpdw@mail.aapm.org

Appendix B: Task Assignments

(state along end of last meeting).

No	TX / Area	Old Number	Title	Group	Owner
1	./.	./.	Use Case Delivery-Device Independent Imaging		David Wikler
2	RO-DPD-200	RO-DPD-01	Worklist Query for Positioning Acquisition	Acquisition	Martin Vonach
3	RO-DPD-201	RO-DPD-02	Retrieve Device Position Information	Acquisition	Martin Vonach
4	RO-DPD-202	RO-DPD-03	Request RT Patient Position Correction	Correction	Martin Vonach
5	RO-DPD-203	RO-DPD-04	Store RT Patient Position Modification Instruction	Correction	Martin Vonach
6	RO-DPD-204	RO-DPD-05	Store RT Repositioning Results to Object Storage	Correction	Martin Vonach
7	RO-DPD-205	RO-DPD-06	Worklist Query for Repositioning	Correction	Martin Vonach
8	RO-DPD-206	RO-DPD-07	Notify on Radiation Delivery Status Change	Delivery	Thomas Schwere, Sanjay Bari
9	RO-DPD-207	RO-DPD-08	Retrieve RT Patient Position Correction Instruction	Correction	Martin Vonach
10	RO-DPD-208	RO-DPD-09	Subscribe/Unsubscribe to Treat UPS Status	UPS Notification	Thomas Schwere
11	RO-DPD-209	RO-DPD-10	Notify on Radiation State	Delivery	Thomas Schwere, Sanjay Bari
12	RO-DPD-210	RO-DPD-11	Retrieve Positioning Acquisition Results	Registration	Chris Pauer
13	RO-DPD-211	RO-DPD-12	Worklist Query for Positioning Registration	Registration	Chris Pauer
14	RO-DPD-212	RO-DPD-13	Worklist Query for Position Monitoring	Monitoring	Stephen Phillips
15	RO-DPD-213	RO-DPD-16	Store Monitoring Results to Object Storage	Monitoring	Stephen Phillips
16	RO-DPD-214	RO-DPD-17	UPS Final Update at Session Termination	Framework	Thomas Schwere, Sanjay Bari
17	RO-DPD-215	RO-DPD-18	UPS Completed / Cancelled at Session Termination	Framework	Thomas Schwere, Sanjay Bari
18	RO-DPD-216	RO-DPD-19	Indicate Ready for Monitoring	Monitoring	Stephen Phillips
19	RO-DPD-217	RO-DPD-20	Notify Device to start UPS	UPS Notification	Thomas Schwere, Sanjay Bari
20	RO-DPD-218	RO-DPD-21	Create Positioning Acquisition and Positioning Registration UPS	Workflow	Thomas Schwere
21	RO-DPD-219	RO-DPD-22	Create Treat UPS and Radiation Delivery Instruction for Continuation	Workflow	Thomas Schwere

No	TX / Area	Old Number	Title	Group	Owner
22	RO-DPD-220	RO-DPD-23	Notify Treatment Session Actors on Starting Session	UPS Notification	Thomas Schwere, Sanjay Bari
23	RO-DPD-221	RO-DPD-24	Notify Device to stop UPS	UPS Notification	Thomas Schwere, Sanjay Bari
24	RO-DPD-222	RO-DPD-25	UPS Progress Update for Discrete non-Treatment Steps	UPS Notification	Thomas Schwere, Sanjay Bari
25	RO-DPD-223	RO-DPD-26	Worklist Query for Positioning Correction Reconciliation	Registration	Chris Pauer
26	RO-DPD-224	RO-DPD-27	External Verification	External Verification	Sanjay Bari
27	RO-DPD-225	./.	Notify Device to resume UPS	Monitoring	Stephen Phillips
28	RO-DPD-226	./.	Create new Positioning UPS	Monitoring	Stephen Phillips
29	RO-DPD-227	./.	UPS Final Update after Positioning Information Acquisition	Workflow	
30	RO-DPD-228	./.	UPS Final Update after Treatment Interruption	Workflow	Thomas Schwere