**Agenda**

**Discrete Positioning and Delivery Workflow (DPDW)**

**Conference Call**

**March 20, 2014**

**11:00am – 12:30pm EST**

**DPDW Subgroup Chair:**

**Ulrich Busch, Varian Medical Systems**

**IHERO Task Force Co-Chairs**

**Dick Fraass, Ph.D., FAAPM, FASTRO, FACR**

**John Buatti, 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.*

# Call to Order

## Approval of Agenda

Members may raise other topics.

# Further Discussions

Follow-up on the last meeting - as needed:

Further talk on state of the profile and further directions etc.

# Review of Transaction Assignments

This is the main part of the TCon:

We will review the first transactions worked out.

# Process / TCons / Meetings

## Location of Documents, Infrastruture, Proceedings

Cross-check, if documents are well accessible, if infrastrusture is in place as needed etc.

## Authoring Transaction

Experiences with authoring transactions.

## TCons

Proposal is to establish a regular TCon scheme (e.g. every 6 weeks.)

Determine the next TCon date.

## Meetings

It should be discussed, when a face-to-face meeting would make sense.

# Other Business

As needed.

# Adjournment

Appendix: Task Assignments

(state along end of last meeting).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TX / Area | Old Number | Item | Group | Owner |
| ./. | ./. | Use Case Delivery-Device Independent Imaging |  | David Wikler |
| RO-DPD-200 | RO-DPD-01 | Worklist Query for Positioning Acquisition | Acquisition | Martin Vonach |
| RO-DPD-201 | RO-DPD-02 | Retrieve Device Position Information | Acquisition | Martin Vonach |
| RO-DPD-202 | RO-DPD-03 | Request RT Patient Position Correction | Correction | Martin Vonach |
| RO-DPD-203 | RO-DPD-04 | Store RT Patient Position Modification Instruction | Correction | Martin Vonach |
| RO-DPD-204 | RO-DPD-05 | Store RT Repositioning Results to Object Storage | Correction | Martin Vonach |
| RO-DPD-205 | RO-DPD-06 | Worklist Query for Repositioning | Correction | Martin Vonach |
| RO-DPD-206 | RO-DPD-07 | Notify on Radiation Delivery Status Change | Delivery | Thomas Schwere |
| RO-DPD-207 | RO-DPD-08 | Retrieve RT Patient Position Correction Instruction | Correction | Jaco Barnhoorn, Jurjen Weistra |
| RO-DPD-208 | RO-DPD-09 | Subscribe/Unsubscribe to Treat UPS Status | UPS Notification | Thomas Schwere |
| RO-DPD-209 | RO-DPD-10 | Notify on Radiation State | Delivery | Thomas Schwere |
| RO-DPD-210 | RO-DPD-11 | Retrieve Positioning Acquisition Results | Registration | Hakan MacLean |
| RO-DPD-211 | RO-DPD-12 | Worklist Query for Positioning Registration | Registration | Hakan MacLean |
| RO-DPD-212 | RO-DPD-13 | Worklist Query for Position Monitoring | Monitoring | Andrea Morgan |
| - removed - | RO-DPD-14 | Retrieve RT Patient Position Modification Instruction | Correction | Martin Vonach |
| - removed - | RO-DPD-15 | Store RT Patient Position Modification Result | Correction | Martin Vonach |
| RO-DPD-213 | RO-DPD-16 | Store Monitoring Results to Object Storage | Monitoring | Andrea Morgan |
| RO-DPD-214 | RO-DPD-17 | UPS Final Update at Session Termination | Framework | Thomas Schwere |
| RO-DPD-215 | RO-DPD-18 | UPS Completed / Cancelled at Session Termination | Framework | Thomas Schwere |
| RO-DPD-216 | RO-DPD-19 | Indicate Ready for Monitoring | Monitoring | Andrea Morgan |
| RO-DPD-217 | RO-DPD-20 | Notify Device to start UPS | UPS Notification | Thomas Schwere |
| RO-DPD-218 | RO-DPD-21 | Create Positioning Acquisition and Positioning Registration UPS | Workflow | Jaco Barnhoorn, Jurjen Weistra |
| RO-DPD-219 | RO-DPD-22 | Create Treat UPS and Radiation Delivery Instruction for Continuation | Workflow | Thomas Schwere |
| RO-DPD-220 | RO-DPD-23 | Notify Treatment Session Actors on Starting Session | UPS Notification | Thomas Schwere |
| RO-DPD-221 | RO-DPD-24 | Notify Device to stop UPS | UPS Notification | Thomas Schwere |
| RO-DPD-222 | RO-DPD-25 | UPS Progress Update for Discrete non-Treatment Steps | UPS Notification | Thomas Schwere |
| RO-DPD-223 | RO-DPD-26 | Worklist Query for Positiong Correction Reconciliation | Registration | Hakan MacLean |
| RO-DPD-224 | RO-DPD-27 | External Verification | External Verification | Sanjay Bari |
| RO-DPD-225 | ./. | Notify Device to resume UPS | Monitoring |  |
| RO-DPD-226 | ./. | Create new Positioning UPS | Monitoring |  |