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MINUTES

JOINT DICOM WORKING GROUP TWENTY EIGHT (Physics Strategy) AND WORKING GROUP TWO (Projection Radiography)

Date: March 20 – 21, 2017
Joint meeting with WG-02 on March 21

Place/Time: 8AM – 4PM
Hilton New Orleans Riverside - Norwich Room (3rd floor)

(Third)
2 Poydras Street
New Orleans, Louisiana 70130

Voting Members Present

AAPM
EFOMP, ECR
GE Healthcare
Bayer HealthCare
FDA
Siemens Healthcare GmbH

Represented by

Donald Peck
Annalisa Trianni
Francisco Sureda
Ting Lu
Yuan Fang
Heinz Blendinger

Voting Members Not present

AAOMR
ADA
Philips
PixelMed

Represented by

Allan Farman
Veeratrishul Allareddy
Mark Pepelea
David Clunie

Alternate Voting Representatives, Observers, and Guests Present

GE Healthcare
Mayo Clinic
PACSHealth

Pierre Guntzer
Steve Langer
Colby Dillion

Presiding Officers: Annalisa Trianni Co-Chair
Donald Peck Co-Chair

Secretary: Shayna Knazik, AAPM

1. Opening

- a. Members and their employers have been identified.
- b. Agenda was reviewed, revised and approved.
- c. Minutes from the meeting on September 26, 2016 have been reviewed and approved.
- d. Antitrust rules have been reminded by the Secretary.

2. Reviewed all Letter Ballot comments received on Supp191 P-RDSR

- a. Letter Ballot has been approved.
- b. Received comments were reviewed and discussed with necessary changes made.
- c. The updated version for presentation at WG06 on March 29-30, 2017 was uploaded to the WG06 folder.

3. Updated DICOM Strategy Document for WG-28

- a. Annalisa to check for current version and send to Donald or Luiza. **Action: Annalisa Trianni**

4. Continued development of New Work Item on Radiation Dose Structured Reporting for Cone Beam CT

- a. Had extensive discussion on how to develop an extension to the current RDSR to handle cone beam CT or any other system that produces x-rays (not including radiopharmaceutical use). Heinz Blendinger will start the work as “draft editor” then Donald Peck will take over. They will add new TID structure with a new root template to A.35.8 X-Ray Radiation Dose SR IOD, i.e. in Part 3:

A.35.8.3.1.1 Template

The document may be constructed from Baseline TID 10001 “Projection X-Ray Radiation Dose”, Baseline TID 10011 “CT Radiation Dose”, or *Baseline TID 10xxx Extended Radiation Dose SR* invoked at the root node.

- b. Discussed the need to be generic for any modality and therefore can be used instead of the existing RDSR. Also need to renew the current content items and develop new content items.

- c. **Action to Heinz Blender and Donald Peck: coordinate with draft editing of new TID structure with new root template to A.35.8 X-Ray Radiation Dose SR IOD.**

5. Reviewed Dose SR extensions and potential requirements for RDSR/P-RDSR

- a. Reviewed in the joint meeting with WG-02. Need to arrange a discussion with Kevin O-Donnell/WG-06 about CP-1635 Equipment Landmark graphic correction (version 5). **Action: FS**
- b. No new additions are required. This topic is closed until any new requests are received.

6. Reviewed current Work Items, Supplements and CP

- a. Reviewed extensions to current RDSR that need to be done to support Supplement 191.
- b. Reviewed WG-21 Supplement 188 on Multi-energy (ME) CT scanners. **Action to the group: finish reviewing document and share any comments with WG-21.**

7. Discussed any potential New Work Item's

- a. No new items at this time.

8. Reports from liaisons with other groups and organizations

- a. Reviewed IEC issues and documents
 - i. IEC 60601-2-43
 - ii. IEC 60601-2-54
 - iii. IEC 61910-1
 - iv. Waiting for the Second Amendment to 43. Amendment 1 was circulated in February 2017.
- b. FDA Report presented by Yuan Fang

9. Planned Future Meeting Dates

- a. May 22 – 24, 2017 – Palma, Spain
 - i. Meeting location: Hospital University of Palma
 - ii. Room and building: TBD
- b. October 16-18, 2017 – Tentative Athens, Greece
 - i. There is a conflict with schedules and the Finland meeting location is no longer available. Annalisa suggested Athens or Milan as possible new

locations for the fall meeting, and potentially move the Finland trip to the spring meeting in 2018.

10. The meeting was adjourned at 11:00 am local time.

Prepared by Shayna Knazik, Secretary of WG-28

Submitted by Luiza Kowalczyk, DICOM Secretary

Reviewed by Clark Silcox, Legal Consuel