



Delegated DICOM WG-28 Secretariat (U.S.)

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Delegated DICOM WG-28 Secretariat (Europe)

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MINUTES

JOINT DICOM MEETING

WORKING GROUP TWO (WG-02) (Projection Radiography and Angiography) WORKING GROUP TWENTY EIGHT (WG-28) (Physics)

Version 1

Logistics:

October 21-23, 2019; 09:00 to 17:00
Société Française de Radiologie (Room 3)
47 Rue de la Colonie, 75013 Paris, France

Presiding Officers:

Francisco Sureda, Chair WG-02
Donald Peck, Co-Chair WG-28

Secretary:

Shayna Knazik (AAPM)
Alberto Torresin (EFOMP)

Voting Members Present

AAPM
EFOMP
GE Healthcare

Represented by

Donald Peck
Alberto Torresin
Francisco Sureda

1. Preliminary Events

- The Secretary identified participants and reviewed the antitrust rules and DICOM Patent Disclosure Policy.
- Members reviewed the agenda and revised as needed.
- Reviewed and approved the minutes from the June 3-5, 2019 meeting in Dublin, Ireland.
- All documents discussed at this meeting can be found at:

<ftp://medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/WG28/2019/2019-10-21/>

<ftp://medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/WG02/2019/2019-10-21/>

2. CP Review

- Members reviewed the advances of the CPs discussed during the last meeting, and reviewed new CPs related to the scope of WG-02 and WG-28.

Number	Name	Submitted	Assigned	Coded Status	Comments/Actions for WG-02 and WG-28
CP 1319	Frame Of Reference Reliability	Francisco Sureda, et al.	Ulrich Busch	Assigned	WG-02 agrees with the version 13 and contacted Ulrich Busch asking to include examples of SPECT-CT or PET-MRI. No response has been received.
CP 1915	Adapt definition of FocalSpot (0018,1190) to comply with IEC60336 section 8.3	Till Hoenig	Björn Nolte	Assigned	Members will continue to monitor this CP.
CP 1927	Patient Sex and Gender clarifications	Horn	Horn	Assigned	Members will continue to monitor this CP.
CP 1964	Improve the definition of pixel spacing	Wim Corbijn	Wim Corbijn	Assigned	The group reviewed this CP and determined the changes were only editorial, but the group will continue to monitor.
CP 1966	Explicitly define the order of pitch and roll rotations	Jyrkkälä	Schadt	Assigned	Members reviewed this CP. They have no comments at this time but will continue to monitor.
CP 1974	Overlay usage with Multi-frame Image unclear	Wim Corbijn	Wim Corbijn	Assigned	Members reviewed this CP and agreed to investigate the repercussions for XA.
CP 1975	Active image region overlay	Dekker	Solomon	Assigned	Members reviewed this CP and will continue to monitor.
CP 1977	Correct Multi-energy Sequence Nesting	Hoenig	Nolte	Assigned	Members reviewed this CP and will continue to monitor its progress.

3. Supplement 212: XA Protocol Storage

- Members reviewed Draft 21 of the supplement and its corresponding Powerpoint, focusing on open issues and updates since the September WG-06 meeting. The supplement will return to WG-06 in November to prepare for Public Comments. Work in progress includes the addition of examples to Part 17 as soon as the IOD Modules and Attributes are “stabilized” following WG-06 comments.

- The main topics discussed included:
 - The Technical Highlights section of the Powerpoint was discussed in relation to comments from the first proposed version, concerning the DICOM work list, acquisition equipment and the DICOM Patient Study.
 - The DICOM Patient Study content of the Powerpoint was changed following the comments received from WG-06.
 - The “Protocol and Image Cross References – Acquisition and Reconstruction on different devices” and “Example of Defined Acquisition Protocol Selection in the acquisition equipment” were also discussed and updated in the Powerpoint in response to comments received from WG-06.
 - The Information Object Definition was harmonized in relation with the PS 3.3 of the DICOM Standard.
- The discussion then focused on the definition of new modules in the Supplement (Word). All changes have been documented in the Draft 22 of the supplement and its corresponding Powerpoint.

4. Supplement 214: Cone Beam Radiation Dose Structured Reporting

- Members reviewed version 24 (creating version 25) of the current supplement and its corresponding Powerpoint. Two members of WG-22 on Dentistry joined the meeting remotely: Chris Bope (WG-22 Co-Chair) and Andrew Casertano (WG-22 member). The group focused on open issues and updates since the September WG-06 meeting and made changes to the Supplement based on the comments from WG-06.
- Nick Bevins will work on informative slides taking the proposed examples for Part 17 as a starting point. The intention is to return the Supplement to WG-06 in January to finalize the Public Comment version of the document.
- **Action Item (Nick):** Get an 8am spot on the WG-06 agenda to discuss this supplement.
- For a better understanding of Supp 214_rev25, integration of DICOM WG28 CBCT_RDSR.ppt document was applied in accordance with document part16, 17 (DICOM Standard) and other related ones.
- The discussion focused on the transformation matrix, geometry set-up, and the relationship between modalities.

5. Follow –Up Topics

- **IHE MAP and REM Profiles:** Members followed up the development of these IHE Profiles and the related CPs (ftp://ftp.ihe.net/Radiology/TF_Maintenance/). The group reviewed the IHE site and there are no new CPs at this time.
- **MRI Supplement 210 and MRI Protocol Storage Supplement:** Members agreed to remove this item from future agendas. There are now physics representatives on WG-16 (MRI) so there is no longer a need for WG-02 and WG-28 to continue monitoring the progress of this supplement.

6. Reports from liaisons with other groups and organizations

- Heinz Blendinger reported that he submitted a liaison report on WG-02 and WG-28 activities to IEC SC 62B regarding relevant radiation dose reporting. There was no information to report regarding MITA X-Ray Interventional activities.

7. New Work Items

- There were no new activities or joint activities with other WGs to discuss at this time.

8. Planned Meeting Dates in 2020

- Members continued to define the calendar for 2020 meetings.:
 - Alexandria, Virginia (March 25-27, 2020);
 - Barcelona, Spain (May 18-20, 2020); and
 - Taormina, Italy in fall (tentative).

9. New Business

- There was no new business to discuss at this time.

10. Adjourn

- The meeting was adjourned.

Prepared by Shayna Knazik, AAPM, Secretary of WG-28

Reviewed by Luiza Kowalczyk, DICOM Secretariat

Reviewed by legal counsel: Clark Silcox, January 8, 2020.