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# MINUTES

## JOINT IN-PERSON & VIRTUAL MEETING OF WORKING GROUP TWO (WG-02) (Projection Radiography and Angiography) WORKING GROUP TWENTY EIGHT (WG-28) (Physics)

**Logistics:** **May 17-19, 2023;** 9:00am - 5:00pm US EDT  
240 Elm Street, Somerville, MA 02144  
*(call information at the end of this agenda for virtual participants)*

**Presiding Officers:** Francisco Sureda, Chair WG-02  
Annalisa Trianni, Co-Chair WG-28  
Nick Bevins, Co-Chair WG-28

**Secretariat:** Alberto Torresin (EFOMP)  
Shayna Knazik (MITA/NEMA)

<b>Voting Members Present:</b>	<b>Represented by:</b>
AAPM	Nick Bevins
ESR/EFOMP	Annalisa Trianni
GE Healthcare	Francisco Sureda
IPEM/British Institute of Radiology	Ed McDonagh
MITA	Shayna Knazik
PACS Health	Steve Massey
Self	Heinz Blendinger
Siemens Healthineers	Julien Erath

<b>Voting Members Not Present:</b>	<b>Represented by:</b>
AAPM	Donald Peck
EFOMP	Alberto Torresin
*Philips	Asha Gopalakrishnan
*Sir Ketumile Masire Hospital Botswana	Tonic Motswakgomo

\*Not present at two consecutive meetings and therefore not counted for quorum during this tcon

**Others Present:**

Canon Medical Systems  
 CIMICS  
 CIMICS  
 CIMICS  
 JIRA  
 JIRA  
 Quantivly

**Represented by:**

Kevin O'Donnell  
 Bryan Fan  
 Yuqi Tan  
 Li Wei  
 Go Kinoshita  
 Shinichi Nakano  
 Robert MacDougall

**1. Administrative Items**

- The meeting was called to order at 9:15am US EDT and a quorum was present.
- Staff reminded members of the Guidelines for Conducting NEMA Meetings and DICOM Patent Disclosure Policy: <https://www.dicomstandard.org/patent>
- The agenda was reviewed and approved.
- The previous meeting minutes from the March 2023 meeting in Vienna were reviewed and approved.

**2. Change Proposals (CPs)**

- Members reviewed the advances of CPs discussed in previous meetings, 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 & WG-28
CP-1915	Adapt definition of FocalSpot (0018,1190) to comply with IEC60336 section 8.3	Till Hoenig	Björn Nolte	Assigned	Till reported that this has been suspended in WG-21 because there was no driver/immediate need. Will continue to monitor.
CP-1964	Improve the definition of pixel spacing	Wim Corbijn	Wim Corbijn	Assigned	On hold until Wim Corbijn and WG-16 are able to work on this CP. They hope to pick it back up in the next couple of months. Group will continue to monitor.
CP-2217	Add CID for Radiation Dose Imaging Procedures	Nick Bevins	David Clunie	June 2023 Voting Packet	Set to be included in the June 2023 Voting Packet (CPack-122).
CP-2220	Differentiate geometric types of CT imaging sources	Yulong Yan	Christof Schadt	Assigned	This CP remains assigned until WG-21 and WG-07 come to a resolution and it is returned to WG-06. Will continue to monitor.
CP-2238	Add Reject Flag items in RDSR for X-Ray and CT	Francisco Sureda	Steve Nichols	CPack-121	This CP was balloted in CPack-121. Members discussed Letter Ballot comments regarding the removal of Reject Reasons from the Enhanced RDSR. <b>Action:</b> Nick Bevins will submit a response to the Letter Ballot comments (to David Clunie) ahead of the June WG-06 meeting.
CP-2287	Update mammography dose reference point code meaning	Nick Bevins	Nick Bevins	Assigned	Members reviewed this CP and had no comments. <b>Action:</b> Shayna will email David (and cc: Janet Keyes) to let him know that WG-15 was contacted for their input and no responses were received, so this CP is ready to be discussed as an Assigned CP at the June WG-06 meeting.

<b>CP-2288</b>	Table timing description for Enhanced RDSR	Nick Bevins	Nick Bevins	Assigned	Members reviewed this CP and had no comments. This is set to be discussed as an Assigned CP at the June WG-06 meeting.
<b>CP-2289</b>	Update to TID 10048 Description	Nick Bevins	Nick Bevins	Assigned	Members reviewed this CP and had no comments. This is set to be discussed as an Assigned CP at the June WG-06 meeting.
<b>New</b>	Duplicate mandatory field in TID 10003 and 10003B	Pedro Gimeno	n/a	New	Members discussed this new CP submitted to WG-06 ahead of their June meeting. <b>Action:</b> Nick will rework the conditional statements of the traditional DSR to cleanup any potential duplication, then will resend it to Shayna to upload to WG-06 June folder. Nick will also email David Clunie with the feedback.
<b>New</b>	Inconsistency in mandatory fields between Accumulated and Detailed dose info	Pedro Gimeno	n/a	New	Members discussed this new CP submitted to WG-06 ahead of their June meeting. <b>Action:</b> Nick will reply to the CP submitter with the group's feedback. <b>Action:</b> Francisco will create a separate CP to correct RP conditions for TID 10007.
<b>New</b>	Another inconsistency in mandatory fields between Accumulated and Detailed dose info	Pedro Gimeno	n/a	New	Members discussed this new CP submitted to WG-06 ahead of their June meeting. <b>Action:</b> Nick will reply to the CP submitter with the group's feedback.

### 3. [Updates on WG-20/HL7 radiation dose summary](#)

- Members mentioned to Kevin O'Donnell that it didn't appear that WG-20/HL7 removed the use cases they said they would from their website. Kevin O'Donnell will check back in with their Co-Chair, Jonathan Whitby, to see if the website can be updated soon.

### 4. [Issue with Station Name](#)

- Members discussed a question from Steve Don/ACR about some issues regarding the Station Name. The group drafted a response which Nick sent to Steve Don.

### 5. [Dose Management: Patient Protocol \(Black Image\) vs. RDSR](#)

- Kevin O'Donnell is working on an IHE Change Proposal to the REM Profile to include a way to create a somewhat standard fashion of displaying summary-level information from RDSRs within a PACS, EMR, etc. to replace the dose pages which are provided by vendors. This effort was initiated by DICOM WG-21 (CT) and taken over by Kevin O'Donnell.
- Kevin joined the call to provide an update on this item. He reported that work is proceeding in IHE Radiology, with informational updates to WG-21 and WG-28 to make

sure everything is on track. WG-28 provided some feedback on the changes to the document since it was last shown to the group.

- The group prepared the dose display options for DX and sent it to Kevin O'Donnell for review.

#### 6. New Supplement on DX and RF Modality Protocol Storage

- The group reviewed Heinz's draft of this Supplement.
- The group checked in on project re: reaching out to vendors to contribute their protocol parameters and merge with the old XA spreadsheet from October 2019.
  - **Action:** Annalisa will continue to assemble the spreadsheet. She will circulate the spreadsheet to WG-02 and WG-28 vendor representatives to fill in the values with their company experts.

#### 7. Supplement on RDSR Informative Annex

- Members reviewed the draft this Supplement, which is currently a merged version from Nick and Francisco's drafts after the last meeting in Vienna. The group created an open item to consider including how to uniquely identify a device.
- Shayna is arranging a First Read slot for this Supplement at the August WG-06 meeting. Francisco, Heinz, and Nick will work on the remaining sections prior to First Read at the August WG-06 meeting.
- The group will meet for 1-hour in July to review the action items from this meeting and homework ahead of the August WG-06 meeting.
  - **Action:** Francisco will provide an example for the XA modality traditional RDSR as well as examples common TIDS.
  - **Action:** Ed will provide an example for DX.
  - **Action:** Nick will provide an example for CT.
  - **Action:** Annalisa will provide an example for MG.
  - **Action:** Shayna to email the merged document to WG-22 Dentistry to ask them to review the real world examples and respond to the questions in comments in Section 3.2.6.

#### 8. Questions from CIMICS

- Three representatives from China Institute for Medical Imaging & Communication Standards (CIMICS) joined the call on Thursday, May 18, 2023 from 9-10am US EDT to discuss some clinical problems. WG-02/28 provided some feedback and encouraged

CIMICS to reach back out with any follow up questions.

#### 9. JIRA DICOM Committee

- Two JIRA representatives, Shinichi Nakano and Go Kinoshita, joined the meeting on Friday, May 19, 2023 from 9-10am US EDT to discuss a Change Proposal which aims to clarify Dose Calibration information in RDSR.
- Nick provided a response via email to JIRA and they were encouraged to keep in touch if they would like additional feedback from WG-02/28.

#### 10. Future Meeting Dates

- Summer teleconference to review homework and progress ahead of August WG-06 meeting -- July 19, 2023 from 10-11am US Eastern
  - **Action:** Shayna will schedule this teleconference.
- Fall -- Mallorca, October 18-20, 2023
  - **Action:** Francisco will reserve the meeting room.
- November 2023 – RSNA
  - 2-hour meeting on Monday or Tuesday morning
  - **Action:** Shayna will reserve a room at McCormick Place.
- 2024 Meetings:
  - Virtual meeting -- January/February
  - London -- Spring (aiming for week of April 15, 2024)
  - Virtual meeting -- June
  - Virtual meeting -- August
  - Lisbon -- October
  - RSNA -- November

#### 11. New/Old Business

- Nuclear Medicine Working Group 03
  - **Action:** Shayna will check in with SNMMI to see if there has been any more talk about reactivating this group.

#### 12. Adjournment

- The meeting was adjourned on Friday, May 19, 2023, at 4:30pm US Eastern.