



[Secretariat: NEMA/MITA](http://www.dicomstandard.org)  
[1300 North 17th Street, Suite 900](http://www.dicomstandard.org)  
[Arlington, VA 22209, USA](http://www.dicomstandard.org)  
<http://www.dicomstandard.org>  
[dicom@dicomstandard.org](mailto:dicom@dicomstandard.org)

# **MINUTES**

## **JOINT VIRTUAL TELECONFERENCE OF**

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

**Logistics:** January 18, 2024 | 9:00am-11:00pm US EST

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

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

**Voting Members Present:**

AAPM  
EFOMP  
IPEM/British Institute of Radiology  
GE Healthcare  
NEMA/MITA  
Siemens Healthineers

**Represented by:**

Nick Bevins  
Alberto Torresin  
Ed McDonagh  
Francisco Sureda  
Shayna Knazik  
Julien Erath

**Voting Members Not Present:**

\*ESR/EFOMP  
\*JSRT  
\*JSRT  
PACS Health  
\*Philips  
\*Philips

**Represented by:**

Annalisa Trianni  
Minoru Kawamata  
Hiroshi Sakamoto  
Steve Massey  
Asha Gopalakrishnan  
P. Prasad

Self Heinz Blendinger  
\*Sir Ketumile Masire Hospital Botswana Tonic Motswakgomo

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

<u>Others Present:</u>	<u>Represented by:</u>
DICOM WG-22 Dentistry	Trishul Allareddy
DICOM WG-22 Dentistry	Chris Bope
DICOM WG-22 Dentistry	Andrew Casertano
GE Healthcare	Steve Nichols
Self	Donald Peck

### 1. Administrative Items

- The teleconference was called to order at 9:03am EST and a quorum was present.
- Staff reminded members of the [DICOM Patent Disclosure Policy](#) and [guidelines for conducting NEMA meetings](#).
- The agenda was reviewed and approved.
- The previous minutes from the December 18, 2023 meeting were reviewed and approved.

### 2. Supplement 245 on RDSR Informative Annex

- WG-22 Dentistry joined the call to discuss their feedback on the dentistry sections. They shared some minor comments but there were no major concerns or edits. WG-22 was encouraged to provide any SR real-world examples they feel would be beneficial. WG-02/28 will continue to send WG-22 the Supplement as it progresses through WG-06 review. **Action:** Shayna will send version 13 of the document to WG-22.
- Members discussed feedback from the First Read with WG-06 which took place on January 11, 2024. Nick and Francisco will continue to edit the document and plan to send it to the group ahead of the next WG-02/28 meeting.

### 3. New HL7 project on Anatomical Inventory and Person Characteristics (FHIR IG)

- Steve Nichols shared that HL7 recently kicked off a project on Anatomical Inventory and Person Characteristics (FHIR IG), described [here](#). This is the “organ inventory” that Steve mentioned during one of the Gender Harmony updates. The use cases may not be

fully vetted but WG-02/28 members may be interested in participating.

#### 4. Updates to the Radiation Dose Summary FHIR IG

- Steve Nichols joined the call to provide an update on the Radiation Dose Summary FHIR IG which can be accessed [here](#).
- There are changes to the following pages:
  - output/CapabilityStatement-RDSP.html (CapabilityStatement-RDSC-intro.md does not seem to be referenced in Server pages)
  - output/archi.html
  - output/background.html
  - output/StructureDefinition-radiation-dose-summary.html
- **Action:** Shayna will add to the next agenda to discuss the definition of DICOM code 113731.

#### 5. Correction Proposals (CPs)

- Members reviewed the advances of CPs discussed in previous meetings, and as well as 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 on this soon. This group will continue to monitor.
CP-2220	Differentiate geometric types of CT imaging sources	Yulong Yan	Christof Schadt	CPack-124	This CP was held back from Final Text for more discussion with WG-21 and WG-07. Members will continue to monitor.
CP-2287	Update mammography dose reference point code meaning	Nick Bevins	Nick Bevins	Final Text	This CP was approved for Final Text at the January 2024 WG-06 meeting and will be removed from future agendas. <b>Action:</b> Supplement Editors will review Supplement 245 to make sure the result of CP-2287 and CP-2288 are incorporated.
CP-2288	Table timing description for Enhanced RDSR	Nick Bevins	Nick Bevins	Final Text	This CP was approved for Final Text at the January 2024 WG-06 meeting and will be removed from future agendas. <b>Action:</b> Supplement Editors will review Supplement 245 to make sure the result of CP-2287 and CP-2288 are incorporated.
CP-2289	Update to TID 10048 Description	Nick Bevins	Nick Bevins	CPack-125	This CP will be included in the CPack-125 Letter Ballot.
CP-2295	KVP attribute in CT Image Module may also be filled in MultiEnergy case	Till Hoenig	Björn Nolte	Assigned	WG-06 asked WG-28 to review this CP and give WG-21 any feedback. <b>Action:</b> Shayna will inform WG-21 that the group reviewed this item and has no feedback.
CP-2317	Duplicate RP definition in RDSR	Nick Bevins	Nick Bevins	CPack-125	This CP will be included in the CPack-125 Letter Ballot.
CP-2318	Cassette-Based X-Ray Total DAP	Nick Bevins	Nick Bevins	CPack-125	This CP will be included in the CPack-125 Letter Ballot.
CP-2319	TID 10007 clarify conditions	Francisco Sureda	Steve Nichols	Assigned	Members discussed WG-06 feedback to this CP. Steve and Francisco will work on this CP and bring back to the group

<b>CP-2322</b>	Record Vendor-specific CT Image Quality Reference Parameters	Till Hoenig	Kevin O'Donnell/ Björn Nolte	Assigned	There has been no progress on this in WG-21. Members will continue to monitor.
<b>CP-2327</b>	Inconsistency (113930,DCM,Size Specific Dose Estimate)	Björn Nolte	Björn Nolte	CPack-125	This CP will be included in the CPack-125 Letter Ballot.
<b>CP-2383</b>	Switch to yes-no CID231 for TID10001 Projection X-Ray Radiation Dose	Heinz Blendinger	Björn Nolte	Assigned	This CP was discussed at the January WG-06 meeting as assigned the number 2383.
<b>CP-XXXX</b>	Update CT Scanning Length Definition	Nick Bevins	n/a	Draft 3	This CP will be discussed in WG-21 on their next teleconference and members will continue to monitor.

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

- There is no progress to report or discuss. Next steps is to follow up on a pending action item from previous meetings:
  - **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. Future Meeting Dates

- March WG-06 meeting – Shayna had reserved a 2-hour slot on this agenda but the group concluded that the supplement is not ready for Public Comment so the group will reassess ahead of the June WG-06 meeting instead.
- London – April 17-19, 2024
  - Audrey House, 16-20 Ely Place, London
  - The meeting room has been reserved. Please begin booking your flight and hotel accommodations.
- Virtual teleconference -- June 13, 2024 from 9-11am EST
  - **Action:** Shayna will schedule this call
- Virtual teleconference -- fall: TBD in London
- Lisbon, Sicily, Milano, Munich – October
  - The group briefly discussed an invitation from EFOMP to meet in conjunction with their September meeting in Munich. Unfortunately, the time frame does not work at this time but the group is happy to consider a future meeting in conjunction with an EFOMP meeting.
- RSNA -- Monday, December 2, 2024 (time TBD)

## 8. New/Old Business

- None at this time.

## 9. Adjournment

- The meeting was adjourned on January 18, 2024 at 11:03am US EST.