

# MINUTES

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

**Logistics:** **September 14-16, 2022; 9:00am to 5:00pm CEST**  
**Santa Chiara Hospital, Sala 6**  
**Via Paolo Orsi, 1, 38122, Trento, Italy**

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

<b><u>Voting Members Not Present:</u></b>	<b><u>Represented by:</u></b>
AAPM	Donald Peck

<b><u>Others Present:</u></b>	<b><u>Represented by:</u></b>
GE Healthcare	Steve Nichols
Self	Uli Busch

## 1. Administrative Items

- The virtual teleconference was called to order and a quorum was present.
- DICOM antitrust and patent guidelines were reviewed.
- The agenda was reviewed and approved.
- The minutes from the WG-02/WG-28 virtual meeting on June 6-7, 2022 were approved.

## 2. Correction 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-1319	Frame Of Reference Reliability	Francisco Sureda	Uli Busch	Assigned	Uli Busch joined the meeting on Thursday, September 15 at 2pm to discuss feedback from WG-07. The conclusion of the discussion is that there is nothing else for WG-02/28 to do and that the CP will return to WG-07 for final resolution.
CP-1915	Adapt definition of FocalSpot (0018,1190) to comply with IEC60336 section 8.3	Till Hoenig	Björn Nolte	Assigned	Till Hoenig reported that this has been suspended because there was no driver/immediate need. Members will continue to monitor in case this item is reactivated in WG-21.
CP-1964	Improve the definition of pixel spacing	Wim Corbijn	Wim Corbijn	Assigned	Shayna Knazik reached out to Wim asking for a status update on CP-1964. Wim replied that David Clunie didn't want to change the Attribute Description in Part 3 unless there were errors. He is willing to accept that the changes go into Part 17 as informational text. He recommended that WG-02 should change the CP and move the text to a new annex in Part 17. The group disagreed with Wim's proposed approach and suggests not to change the Attribute Description for pixel spacing in Part 3.  <b>Action:</b> Francisco Sureda will reply to Wim that WG-02 does not plan to take over the CP.
CP-2144	Cleanup PS3.17 section AA to refer to IHE REM profile and figures	Heinz Blendinger	Kevin O'Donnell	CPack-116	This CP was included in CPack-116 which closed June 2, 2022 and has been incorporated into the Standard. <b>Action:</b> Shayna Knazik will remove this from future agendas.
CP-2198	Correct row reference in Content Item Description of TID 10003	Heinz Blendinger	Björn Nolte	CPack-117	This CP was included in CPack-117 which closed on August 24, 2022. Members will continue to monitor until it makes it to Final Text.
CP-2217	Add CID for Radiation Dose Imaging Procedures	Nick Bevins	David Clunie	Assigned	Members discussed recommendations from Kevin O'Donnell. <b>Action:</b> Nick Bevins will respond to David and Kevin and will continue talking to ACR.
CP-2218	Add Note in PS3.16 TID 10007 row 3	Francisco Sureda	Steve Nichols	Assigned	Steve Nichols joined the meeting on September 14 to discuss this CP before it is presented to WG-06.
CP-2219	Add Note in PS.16 to Table Position Codes	Francisco Sureda	Steve Nichols	September 2022 Voting Packet	This CP is set to be included in the September Voting Packet.
CP-2220	Differentiate geometric types of CT imaging sources	Yulong Yan	Christof Schadt	Assigned	David Clunie requested that WG-02 (and WG-21) weigh in on this CP and let him know if it is sufficient to describe the detectors. The group discussed this CP in detail and determined that the rationale does not match with the changes listed. <b>Action:</b> Francisco Sureda will draft a response to David Clunie.
CP-2238	Add Reject Flag items in RDSR for X-Ray and CT	Francisco Sureda	Steve Nichols	Assigned	This CP was assigned number 2238 at the June WG-06 meeting with Steve Nichols as the Assignee.

CP-2243	Add Source-based Reference Point to CID 10025	Nick Bevins	Steve Nichols	Assigned	This CP was assigned number 2243 at the June WG-06 meeting with Steve Nichols as the Assignee. Steve uploaded this CP to the WG-06 ftp folder for their September meeting. The group discussed and came up with a few issues which were shared with Steve in preparation for presentation at the WG-06 meeting.
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### 3. Virtual Clinical Trials Standard proposed AAPM TG

- Nick Bevins shared that AAPM has a new Task Group which is preparing a report on consensus guidelines for collaboration, sharing, and interoperability of the components of the Virtual Imaging Trials (VIT) pipelines. The proposal document is on the FTP for this meeting, so members can reach out to the group if they are interested in participating. Nick will let the group know as things progress with the group, but this can be removed from the agenda for now.

### 4. AAPM letter to WG-20/HL7 regarding the radiation dose summary

- Several members of WG-28 met with WG-20/HL7 II in July to discuss this item. A consensus was not able to be reached so WG-20 said they would discuss internally and reach back out to WG-28 when they are ready to discuss again.
- Action:** Shayna will reach out to Carolyn to get an update on how WG-20 is progressing with this item and let her know WG-28 would like to get back on the agenda.

### 5. Gender Harmony Impact (Steve Nichols)

- Steve provided an update on this item and the work of WG-06 Ad Hoc on Gender and Sex Encoding. They have been focused on providing comments to the recent HL7 Ballot, and are now getting back to work on CP-1927/the text which will likely be transitioned into a Supplement (to be discussed at the upcoming DICOM Standard Committee meeting).

### 6. Dose Management: Patient Protocol (Black Image) vs. RDSR

- Kevin O'Donnell (as part of a WG-21 effort) is working on a CP 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. We should review the CT efforts and see if there's a way to incorporate a similar effort for XA, radiography, etc.
- Action:** Steve Massey will put together a summary document with all the XA vendor RDSR/protocol pages.

### 7. Supplement on RDSR Informative Annex

- Members continued drafting this Supplement, beginning with a review of Chapter 3 (excluding dentistry) and then moving on to Chapter 4.
- Action:** Nick will contact WG-22 to discuss the codes of the proposed CID for CP-2217.
- Action:** Shayna to contact David Clunie for an editorial change regarding TID 10003 content item descriptions rows 21 and 22 which should be rows 22 and 23.
- Action:** Nick will review the dentistry sections ahead of the next meeting, so that WG-22 can be invited to participate and discuss.

- **Action:** Francisco will merge his and Nick's versions to create the official draft 6, which will then be posted on the FTP.

## 8. Meeting Dates in 2022 & 2023

- Members will hold a meeting on Monday, November 28, 2022 at RSNA from 9am-12pm US Central Time.
- Members discussed plans for 2023 meetings and put a hold on the following dates:
  - Spring -- Vienna after ECR, March 6-8
  - Summer -- Boston, May 17-19
  - Fall -- Mallorca, October 18-20

## 9. Old and New Business

- New Work Item Proposal
  - Heinz proposed the inclusion of radiography and radiofluoroscapy protocol storage as new objects. The group agreed this is worth pursuing as a new Supplement.
  - **Action:** Heinz will draft a New Work Item Proposal and circulate it to the group for comments before submission ahead of the DICOM Standard Committee (DSC) meeting at RSNA.
  - **Action:** Shayna to add to the WG-02/28 March 2023 meeting agenda.

## 10. Adjournment

- The meeting was adjourned on Friday, September 16, 2022 at 12:02pm CEST.

Prepared and submitted by Shayna Knazik

Legal Bezalel Stern 1-17-23