



# MINUTES

## DICOM WORKING GROUP TWO (Projection Radiography and Angiography)

Version 1

**Date:** March 10, 2015 (*joint WG-02, WG-28*)  
March 11, 2015 (*WG-02*)

**Place:** AGES – Division of Radiation Protection  
Traisengasse 5  
1200 Wien Austria

**Presiding Officer:** Francisco Sureda, Chair

### Members Present

ACR  
AAPM  
ESR  
GE Healthcare  
Philips Healthcare  
Siemens Healthcare

### Represented by

Donald Peck  
Ioannis Sechopoulos  
Annalisa Trianni (**Secretary**)  
Francisco Sureda  
R. Karthigai Balan  
Heinz Blendinger

### Alternate Voting Representatives, Observers, or Guests Present:

PACSHealth Steve Massey  
PACSHealth Daniel Tuffelmire

## 1. Opening

- The meeting was called to order at 13.30 on March 10, 2015.
- Members identified themselves and their employers. A quorum was present.
- Members reviewed the agenda that was approved as such.
- The minutes from the meeting of September 29 - 30, 2014 in Erlangen, GE (see document [WG-02-2014-09-29-Min.docx](#)) has been reviewed and approved.

## 2. CP Review

- Members reviewed the advances of the CPs and new CPs related to the scope of WG-02.

Number	Name	Submitted	Assigned	Coded Status	Comments/Actions for WG-02
<b>CP 1319</b>	Frame Of Reference Reliability	Francisco Sureda, et al.	Ulrich Busch	Assigned	To contact Sven Flossmann to understand the situation of the CP. <b>Action: Francisco Sureda</b>
<b>CP 1412</b>	LOINC code updates in SR templates and context groups	David Clunie	David Clunie	Final Text	Final text. No further action.
<b>CP 1418</b>	Add UDI (Universal Device ID) to objects	Kevin O'Donnell	Kevin O'Donnell	Assigned	Reviewed by WG-02. To follow up.
<b>CP 1451</b>	Remove retired Point Index List attributes in PS3.5 Annex A	Heinz Blendinger	Nolte	Assigned	No further action
<b>CP 1452</b>	Correct Recommended Presentation Opacity explanation	Heinz Blendinger	Nolte	Assigned	No further action
<b>CP 1455</b>	Add exposure attributes to X-Ray 3D Craniofacial Image IOD	Casertano	Casertano	Assigned	Reviewed by WG-02. To suggest WG-22 to modify the module C.8.21.3.3 to include the information required. <b>Action: Heinz Blendinger</b>

A new CP should be created to clarify dose definitions in PS3.3. **Action: WG-28.**

## 3. Supplement 167: X-Ray 3D Angiographic Informative Annex

- The supplement 167 was approved for Final Text at the WG-06 meeting in January, 2015. It's already included in the annex TTT of the DICOM Standard, edition 2015a.

## 4. XA Protocol Storage XA (new supplement)

- Members discussed on the supplement for **XA Protocol Storage** (DICOM Work Item 2006-04-E) inspired on the mechanisms defined by the Sup121 "Modality Procedure Plan and Protocol Storage" of CT.
- Members decided wait for the CT document to be completed and to adapt it to XA.
- It was decided to explain how protocols are used today in DICOM in the different steps (worklist, equipment,....). **Action: Francisco Sureda**

## 5. RDSR Implementation Guide

- Members discussed the supplement to replace the Annex AA of Part 17 with guidelines to encode the RDSR object on the different equipment configurations (Angio, Mammography, surgical mobile, CR/DR). It will cover various clinical scenarios (e.g. repeat/reject analysis) and dataflow.
- The current working document is [SupXXX\\_RDSR\\_Informative\\_Annex\\_AA\\_Draft02\\_20151103.docx](#). It contains three sections to be completed:
  - First section “*User needs in terms of reporting*” (**Action: Donald Peck, Ioannis Sechopoulos, Alberto Torresin, Annalisa Trianni**)
  - Second section “*Define the landscape of all types of equipment configuration*” (**Action: Francisco Sureda**)
  - Third section “*Examples of filling content items from real world scenarios*” (**Action: Heinz Blending, Francisco Sureda**)See the document for more details.
- The submission will be considered after the enhanced RDSR is completed.

## 6. Follow –Up Topics

- [Injector Record SR](#): No updates since last meeting.
- [Sup 156: Planar MPR Volumetric Presentation State](#): The next supplement in the family of volumetric presentation states is Sup 182 for Curved MPR. WG-02 will follow up the advances of this work.
- [IHE REM Profile](#): No updates since last meeting.

## 7. WG-28 Physics joint discussion

- [Extensions to the X-Ray Projection RDSR](#): Members reviewed the possible extensions to the XA RDSR. See the document [Dose\\_SR\\_enhancements\\_for\\_P-RDSR\\_2015\\_03\\_11.xlsx](#). It was discussed the possibility to include a fixed Room Coordinate System to facilitate the calculations of patient dose. It was decided to not include it for the moment.
- [Cone Beam 3D](#): No updates since last meeting.
- [Operator Dose](#): No updates since last meeting.

## 8. Reports from liaisons with other groups and organizations

- No updates since last meeting.

## 9. New Work Items for WG-02

- No new work item.

## 10. Planned Meeting Dates in 2015

Members continued defining the calendar for 2015 meetings.

- **June 1 to 3** at NEMA Headquarters, *Washington DC* (right after SIIM)
- A Tcon will be organized in **August** if needed
- **Sept 21 to 23** in *Barcelona* – to be confirmed

Refer to the document [NextMeetingsWG-02\\_2015\\_rev05.pptx](#) for a more detailed planning of the next meetings and interactions with the DSC, WG-06, WG-11 and WG-28.

## 11. New Business

- No new business.

## 12. Adjourn

The meeting was adjourned at 5 pm on March 11, 2015

Submitted by Annalisa Trianni, Secretary

Reviewed by Clark Silcox, Legal Counsel