

MINUTES

DICOM WORKING GROUP TWO (Projection Radiography and Angiography)

Date: February 12 and 13, 2013

Place: Disney's Coronado Springs Resort
Lake Buena Vista (Orlando Area)
32830 Florida, USA

Presiding Officer: Francisco Sureda, Chair

Members Present

American College of Radiology
European Society of Radiology
GE Healthcare
Philips Healthcare
Siemens Healthcare
American Association of Physics in Medicine

Represented by

Donald Peck
Annalisa Trianni, Secretary
Francisco Sureda
Bas Revet
Heinz Blendinger
William Pavlicek

Members Absent

European Federation of Organisations for Medical Physics

Voting Representative

Renato Padovani

1. Preliminary Events

- The meeting was called to order at 09.15.
- Members identified themselves and their employments. A quorum was present.
- Members reviewed the agenda that was approved as such.
- The minutes from the meetings of October, 18–19, 2013 Paris (FR) (see document [WG-02-2012-10-18-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 from WG-02 October 2012 meeting
CP 1127	Add fields for Organ Dose to Dose SR	Kevin O'Donnell	Kevin O'Donnell	Assigned	Agreement that WG-28 should address this CP. To follow up by WG-02.
CP 1173	Clarify basis for Total Fluoro Time and Total Acquisition Time in XA Dose Report	Kevin O'Donnell	Kevin O'Donnell	Assigned	Change definitions according to CP1254 and submit for the next WG-06 meeting (Action: Francisco Sureda)
CP 1201	Correct Calibration Factor CI Definition (TID 10002)	Blendinger/WG-02	Nolte, Björn	Final text	No further action.
CP 1217	Add Extensible SR SOP Class for new types of Content Item	David Clunie	Clunie, D.	Assigned	No further action.
CP 1218	Correct further errors in UCUM codes and related meanings	Heinz Blendinger	Revet, B.	Letter Ballot	To be improved (editorial changes) by WG-15. To be follow up by WG-02.
CP 1223	Additional Items for Dose SR (by IEC PT 61910-1)	Blendinger	Revet, B.	Voting Package	New version submitted to be reviewed by WG-06. To follow up.
CP 1253	Clarify Recommended Viewing Mode Usage	Heinz Blendinger	Revet, B.	Letter ballot	No further action.
CP 1254	Correct Definition of Irradiation Duration	Heinz Blendinger	Revet, B.	Letter ballot	No further action.
CP 1285	CP_fs_IrradiationEvent UIDinX-Ray3D_01.doc	Francisco Sureda	Revet, B.	Assigned	Reviewed by WG-02. Version 02 to be prepared. To be brought to the attention of WG15 and WG22. (Action: Francisco Sureda)
CP 1284	CP_fs_CorrectTyposIn X-Ray3D_01.doc	Francisco Sureda	Revet, B.	Assigned	To follow up by WG-02.
CP 1282	cp_dac214_VMOfPositionerIncrements.doc	David Clunie	Clunie, D.	Assigned	Definitions of increment to be modified. Keep one value if increments are constant, use angles in the per-projection sequence otherwise. (Action: Francisco Sureda)

3. X-Ray 3D: New Supplement for Informative Annex

- Members reviewed the [sup167_X-Ray_3D_Angiography_Informative_Annex_Draft12.docx](#). Minor changes discussed in this meeting have to be made by February 22 and sent to the group for review. (**Action: Francisco Sureda**). Comments to be sent by February 28. (**Action: all**). Depending on the comments received, a Tcon could be organized on March 20 to have a new version ready for submission to WG-06 in April.

4. Frame Of Reference

- No updates since last meeting.

5. Dose Structured Report

- [Dose SR extension to enable skin dose calculation in X-Ray Projection](#): Members reviewed and updated the document produced jointly with the WG-28 containing the list of data needed, and not stored in the RDSR at present (see [DICOM_WG28_PDSR Base Info_WG-02_2013_02_13](#)) “The CP 1223 “Additional Items for Dose SR (by IEC PT 61910-1)”, which includes information useful

for skin dose calculation, is already in Voting Package. A new CP for additional data to Dose SR will be created. (**Action: Francisco Sureda**)

- [Patient Dose SR](#): Not discussed in this meeting.

6. [Injector Record SR](#)

- The document *Contrast use workflows analysis Interventional Radiology DRAFT 01* has been discussed. It will be updated with most recent comments made by WG-06 Contrast SR Ad-hoc. (**Action: Francisco Sureda**).

7. [DICOM Conference 2013](#)

- The oral presentation proposed by Francisco Sureda on Current developments in DICOM WG-02 Projection Radiography and Angiography was accepted. The presentation will be prepared by February 22 for review. (**Action: Francisco Sureda**). Comments needed for February 26. (**Action: all**).

8. [MITA Interventional X-ray Standard XR 27-2012 User QC Standard](#)

- Members discussed the potential needs for “DICOM-izing” the new MITA standard Interventional X-ray Standard XR 27-2012 User QC. The group concluded that there is no need to create additional attributes in the current DICOM standard. The MITA standard does not require to implement all the data exchange in DICOM, only some data is required to be exchanged by using the definitions of the DICOM 2011 standard.

9. [Follow –Up Topics](#)

- [X-Ray Angiography Application cases for the Multi-dimensional Presentation State](#): A joint meeting with WG-11 took place on Wednesday morning, hosted by WG-11. Refer to WG-11 meeting minutes for more details.
- [Promotion of the Enhanced XA/XRF SOP Class and Radiation Dose SR SOP Class](#): Members reviewed the dataset produced by **Heinz Blending**. It will be shared with **Francisco Sureda** and **Bas Revet** for review before uploading it to the public DICOM ftp area.
- [IHE REM Profile](#): No new CPs since last meeting.
- [Guidelines on how to collect dose data in DICOM](#): No updates since last meeting. WG-02 will not follow up the topic in the future.
- [Detailed protocol settings](#): WG2 will continue to follow up the Sup121 “Modality Procedure Plan and Protocol Storage”. This supplement was not reviewed during this meeting.
- [Ambient Dose in X-Ray Projection](#): No updates since last meeting. To follow up by WG-02.
- [Operator Dose](#): No updates since last meeting. To follow up by WG-02.

10. [Reports from liaisons with other groups and organizations](#)

- **Annalisa Trianni** reported on the DICOM liaison group inside EFOMP.
- **Annalisa Trianni** and **Donald Peck** reported on the DICOM WG-28 “Physics”.

