



DICOM Secretariat/MITA

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Minutes

MEETING NAME **WG-1/12 Joint Meeting**

MEETING PLACE/DIAL IN

DATE & TIME **Monday, January 23, 2023, 11:00AM US ET**

PRESIDING OFFICERS Siemens Healthineers Antje Schroeder, Chair (WG-1)
 Philips India Arul Patchi Prasath, Chair (WG-12)

VOTING MEMBERS Canon Medical Research O'Donnell, Kevin
PRESENT GE Healthcare Nichols, Steve
 Philips Patchi Prasath, Arul
 Seno Medical Bertrand, Allison
 Siemens Healthineers Schroder, Antje

VOTING MEMBERS Agfa HealthCare Inc. Seifert, Paul*
ABSENT American College of Radiology Maddineni, Shekher*
 American Society of Nuclear Cardiology (ASNC) Tilkemeier, Peter*
 Cablon Medical B.V. Dekker, Sander
 Canon Medical Systems USA, Inc. O'Donnell, Kevin
 Chartwise Medical Systems Elion, Jon*
 FUJIFILM Healthcare Americas, Corp. Managuli, Ravi*
 MITA Hull, Carolyn
 Philips India Patchi Prasath S, Arul
 PixelMed Publishing Clunie, David*
 Seno Medical Instruments Inc. Clingman, Bryan*
 University of Utah Bray, Bruce*
 The Advanced Surgical Visualization Consortium Sovelius, Paul*

OTHERS GE Healthcare Pastenrak, Margot Observer
 Philips Jall, Kathrina Observer

Northwestern

Thomas, Jim

Observer

Secretariat

MITA Carolyn Hull

1. OPENING ITEMS

- Call to order – The meeting was called to order.
- Members were reminded of the NEMA Antitrust rules and DICOM Patent Policy:
<https://www.nema.org/docs/default-source/about-us-document-library/guidelines-for-conducting.pdf>, <https://www.dicomstandard.org/patent>.

2. REVIEW AND APPROVE AGENDA - The agenda was reviewed.

3. REVIEW MINUTES-Minutes from the December meeting were approved.

4. TOPICS TO BE DISCUSSED:

- **Vendor and User Chair Search/Recruitment**- Antje Schroeder has to step back from being Chair. If anyone is interested in being Co-Chair, please let Carolyn Hull know: dicom@dicomstandard.org.
- Steve Nichols to check with some people. Suggestion to check with an ACC contact and possibly AAPM as they have a related working group. ACC does have an annual conference and could check in the program for this. Another suggestion was to check with the Heart Rhythm Society (HRS), as many users participate. Steve Nichols to also bring up in next meeting of the HRS.
- **Updates re: General ECG Waveform issue/Storing Waveform Display –**
 - **WG-32 effort** – See below.
- **SNOMED Segment Model** (Kevin O'Donnell)- CP 2256. Accepted for the voting packet. In the past, the 17-segment model was put into DICOM. Recently, we added the 18- and 16-segment models. For 16-segment, did not fully vet it so will remove it. Custom models are allowed. DICOM will stick with mostly 17- and 18-segment.
- **Change Proposal (CP) 2208- Add cardiovascular terms to Pt. 16-** (Steve Nichols) – This CP is at final text. Remove from tracker.
- **New Work Item Proposal: Structural Heart SR Templates (Left Atrial Appendage Closure)** (Steve Nichols)-
 - ESCR templates- Steve Nichols reached out to them and did not hear back yet.
 - Identified terms for procedures
 - Discuss: Is there a preference for TID 5300 over 5200? Most have implemented 5200, rather than 5300. One channel to implement- demos as an example. Background

provided on 5300 that matches what was in the scope and field of application in the supplement.

Action: When modeling new templates for structural heart, WG-1/12 will make a priority of fitting into 5300, then 5200.

- **Review Key Echo Data Elements from ACC/AHA Data Standards Taskforce**
- **Supplement 237 public comment**
 - i. **Includes comment on EKG IODs and Part 16 templates-** use case is usually in EEG.
Cordiana gave feedback. The group reviewed some feedback to the Supplement. WG-32 is the lead on this.

Would like to get WG-1/12 feedback on how codes are being used.

Action: Ask for WG-1 to weigh in on practices for capturing types of ECG procedures: types of device used and purpose of procedure. One specific item was number of leads on device. CID 3670.

One member suggested to handle updates as change proposals (CPs). We could encourage Cordiana to submit CPs.

- 5. **CP 2258- add manufacturer date and insulation date-** driven by physicists wanting to know age of probe, age of tube in X-Ray/potentially cart. This is going to the voting packet, likely be voting packet by summer.

New CP: 2278- OB-GYN templates allowed for a single amniotic sac measurement set. Needed to add an update for multiple fetuses and currently making edits

6. Old Business-

7. New Business-

NEXT TOPICS:

- How to represent strain for machine learning methods? (Will need to consider).
- Review Echo Key Data Elements from ACC/AHA Data Standards Taskforce (review during this meeting). Probably has been out for a few years and there is a series of these JASE papers on quantifying these. Add to the minutes. We have started some work on this.
- Strain: LV-Radial, circumferential (on the back burner).
 - ASE paper
 - IHE profile- *July 2023 submission window. Could theoretically do one of these if needed. Would propose to IHE Radiology.*

- Global longitudinal LV -review example

Number	Name	Submitted	Affects DICOM Part	Assigned	Coded Status	Comments/Actions for WG-1 and WG-12
2208	Add cardiovascular terms to Pt. 16			Steve Nichols	Voting Packet for Nov. meeting	
2105	Shear Wave CODES				Letter Ballot	
2138	Refractor Left Ventricle				Letter Ballot	

OLD BUSINESS/NEW BUSINESS-

8. DATE AND TIME OF NEXT MEETING

Monday, February 13, 2023, 11:00AM US ET

Monday, March 13, 2023, 11:00AM US ET

ADJOURNED: at 12:05PM.