

Minutes

<u>MEETING NAME</u>	WG-01/12 Joint Meeting	
<u>MEETING PLACE/DIAL IN</u>	https://global.gotomeeting.com/join/626192869 United States: +1 (312) 757-3119 - One-touch: tel:+13127573119,626192869# Access Code: 626-192-869 International numbers in the meeting invitation and DICOM calendar	
<u>DATE & TIME</u>	Monday, July 20, 10:00AM ET	
<u>PRESIDING OFFICERS</u>	Univ. of Utah School of Medicine Siemens Healthineers Cablon Medical	Bruce Bray, Chair (WG-1 and 12) Antje Schroeder, Chair (WG-1) Sander Dekker, Chair (WG-12)
<u>VOTING MEMBERS PRESENT</u>	Cablon Medical Laitek Seno Medical Siemens Healthineers Univ. of Utah School of Medicine	Sander Dekker Harry Solomon, Alt-Voting Bryan Clingman, Voting Antje Schroeder Bruce Bray
<u>VOTING MEMBERS ABSENT</u>	Agfa American Society of Nuclear Cardiology (ASNC) Chartwise Medical Systems European Society of Cardiology Harvard Medical School Hitachi Healthcare Americas LightLab Imaging, Inc. Philips PixelMed Publishing	Paul Seifert* Peter Tilkemeier* Jon Elion* Nico Bruining* Gary Tearney* Ravi Managuli* Joel Friedman* Ruud van Silfhout* David Clunie*
<u>OTHERS</u>	AAPM ASVC Esaote Northwestern Medicine Seno Medical Siemens Healthineers	Donald Peck, Observer Paul Sovelius, Observer Stefano Pedri Jim Thomas, Observer Allison Bertrand, Alt-Voting Ernie Liu, Observer

1 OPENING ITEMS

- Call to order: The meeting was called to order. Ms. Hull recorded attendance and confirmed a quorum was present.
- NEMA Antitrust rules and DICOM Patent Policy: Ms. Hull reviewed the Guidelines for Conducting NEMA Meetings.

2 REVIEW AND APPROVE AGENDA

The agenda will be reviewed.

FYI- will now be splitting up Cardiac and AAPM physics topics.

3 REVIEW MINUTES

The minutes of the previous meeting June 22, 2020 was reviewed and approved.

4 TOPIC ITEMS TO BE DISCUSSED

- Quality/Physics Topics
- AAPM Quality Assurance Elements status update
 - Members reviewed the status of current CPs re: AAPM topic:

Number	Name	Submitted	Affects DICOM Part	Assigned	Coded Status	Comments/Actions for WG-1 and WG-12
1975	Active image region overlay	Dekker	3	Solomon	2- assigned	Was submitted- Harry will need to go to a WG-6 meeting to move this particular CP forward (bitmapped overlay). Stuck on assigned—

					means more work before it can be voted. Sander to join Harry Solomon on list. CPs- Usually have one or two windows.
1951					Currently in CPack in letter ballot mode.

Another project: Vendors—pixel values for both display lookup project pixelmed

Q for group: Should we begin another project? Input on this? One question is on Image Parameters:

Coming up with a list of what might be worth taking up a QI. Goal is to figure out whether this is a reasonable agenda item. DICOM Tag additions.

Action: Add to next agenda topic—

August –Strain and LA and Segmental for next time-Cardiac- Trying to finish by August Meeting- will try to get codes mapped in.

Priorities for next month’s topics among these? Need-updated list. Saying LD is pretty well sketched up the way we were updating it? Global longitudinal is fairly well specified, but next topics, had drafted topics of LV and RA. RV could be modeled after LV in a more simplified fashion.

Other topics for next month: Dispersion.

Action: KOD to send out STRAIN in next week.

CP- Think it’s correct/complete as it stands.

Action: CH can add link in the minutes for people to review.

Display LUT Status update (will invite to August 2020 meeting to update)

– Status: This is on hold until the survey is complete.

Other tags on the AAPM proposed attributes list

- **Lead:** Sander Dekker, Dr. Lu and others from AAPM
- Status: On hold until Display LUT, PixelMap and Transducer S/N projects have been completed, however, continued research should continue.
- **Note: The below notes are from the 2019-11-25 update from Dr. Liu. These are left in this agenda to help the WG remember the key points and action items.**
- The AAPM Ultrasound Committee made a list and presented to DICOM WG12 a year ago. Great progress has been made. She thanked WG12, particularly Harry Solomon for his help on this task.
- AAPM TG-316 is working to determine methodology for the ultrasound presentation consistency that will need: 1) DICOM GSDF compliant scanner monitors; 2) Digital ultrasound images in P-values to be sent to PACS; 3) Built-in test patterns on ultrasound scanners for performance verification and quality control testing.
- IEC TC87 WG9 plans to add an amendment to IEC/TS62736 that describes testing methods for diagnostic ultrasound imaging systems.
- At the Oct 2019 IEC TC87 WG9 meeting, ultrasound vendors pushed back because the current ultrasound scanner displays were not DICOM GSDF compliant. Will impact their production.
- She received feedback at IEC meeting, only 1/5 vendors in agreement with this commitment
- IEC SC62b WG51 is working on a new technical standard on Medical Imaging Display in General (IEC62563-2) that will set the performance criteria. Ultrasound is one of the modalities and should be included in the consideration of that standard.

Next steps as listed from the last tcon on 2019-11-25:

- a) A good value statement is needed.
- b) A statement that is consumable by end user, the non-technical side of the vendors
- c) Dr Lu will work on value statement and AAPM task group reports and their timeline is to have the reports ready by the end of 2020
- d) Dr. Bray will try to go back and review the presentation
- e) Dr. Lu will create a short version to emphasize the value and a cardiac example

5 OLD BUSINESS/NEW BUSINESS

6 DATE AND TIME OF NEXT MEETING

Monday, August 17, 10:00AM ET (Strain and ECO measurements—cardiac topics?) or Doodle

Monday, September 21, 10:00AM ET

Monday, October 19, 10:00 AM ET

7 ADJOURNED: at 11:00AM ET.

Reviewed by Counsel Peter Tolsdorf on 8-5-20

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SUBMITTED BY Carolyn Hull

SUBMITTED ON 7/30/20

LEGAL APPROVAL Enter approval date.

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