Minutes

MEETING NAME

WG-1/12 Joint Meeting

MEETING PLACE/DIAL IN

GTM

DATE & TIME

Monday, December 13, 2021, 10:00 AM  US ET

PRESIDING OFFICERS

Univ. of Utah School of Medicine  Bruce Bray, Chair (WG-1)
Siemens Healthineers  Antje Schroeder, Chair (WG-1)
Philips India  Arul Patchi Prasath

VOTING MEMBERS

PRESENT

VOTING MEMBERS

ABSENT

OTHERS

GE Healthcare  Brian Nantz
Philips  Moorothy, Easwara
KSP Consulting  Patten, Karla

PRESIDING OFFICERS

1. OPENING ITEMS

• Call to order: The meeting was called to order.


2. REVIEW AND APPROVE AGENDA - The agenda was reviewed.
3. REVIEW MINUTES-Minutes from the last meeting were reviewed and approved.

4. Co-CHAIR SEARCH – WG12 Ultrasound vendor co-chair announcement (Carolyn Hull)
   - Arul Patchi Prasath (Philips) was elected vendor co-chair of WG12 Ultrasound. Congratulations and thank you for offering to serve!

5. TOPIC ITEMS TO BE DISCUSSED
   - CP-1950 Cardiac Strain change proposal was approved

   - Strain

   - How to represent strain for machine learning methods?
     - Propose core precoordinated measures for cardiac strain.
     - Strain: LV-Radial, circumferential.

     There is another document coming out ASE. This is a paper on simplification. Focused on clinically relevant and validated indices; mostly longitudinal.

     Next steps: Simpler to label a specific measurement coming out as one that is relevant. Global is done and waiting on others. Need to identify which are most clinically relevant. May have the precoordinated we need and for others post-coordinated is valid.

     Wait to review the more clinically relevant guidelines, see if there are any gaps and then add those down the road.

     **Action:** Kevin will share the language of CP 1950 with the group.

     IHE has an upcoming profile for using AI for measurements. Could also add the AI as a “contributing equipment.” It could also be labelled as version/assign unique identifier for that particular statement. IHE profile describes how to express in DICOM. We could make sure it is applicable to others. Elements are in DICOM and expressed in the profile.

     **Action:** For next time, look at this IHE profile and see if it fits.

     Question is global longitudinal out there clinically as detected by AI?

     https://dicom.nema.org/medical/dicom/current/output/chtml/part16/sect_TID_5240.html

     5240 is included at the bottom of 5200 just below the Wall Motion section:

Would not need a CP - would call it device observer. The UID is method/version types of things would go. Within a version

**Action:** Review an example next time what would look like for global longitudinal LV.

  - Upcoming tasks

  - **Ambulatory ECG waveform annotations and presentation – Part 17**-
    
    Review of this presentation.

    **Action:** Come up with additional items. Also, discuss the scope. Potential to come up with a proposal on the HL7 side. Interest in making this work for SR and waveforms. Cross-group project working group.

    Cross group, CIC, and II. Discuss some use cases and where to begin, on both sides.

    **Action:** Steve Nichols-review LOINC codes;

    **Action:** Bruce Bray to review orders.

Next meeting-continue on these topics.

  - **Review Echo Key Data Elements from ACC/AHA Data Standards Taskforce**- Issue is to review and see which gaps there may be for ultrasound.

  - **Elastography SR Template**-

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<th>Submitted</th>
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OLD BUSINESS/NEW BUSINESS-

6. DATE AND TIME OF NEXT MEETING

Scheduled for one hour later at 11:00AM US ET.

ADJOURNED: at 11:10AM US ET