

IEEE P1752.2 CardioRespiratory Measures Subgroup

Minutes of conference call held on March 3, 2022

Conference call started at 16:00 UTC (8:00 AM Pacific Time) on IEEE Webex

Attendance: 9 Attendees

Simona	Carini	UCSF / OmH
Sharmila	Devadoss	Medatech Heath Systems, India
Shivayogi	Hiremath	Temple University
Achilles	Kiwanuka	Makerere University, Kampala, Uganda
M. Sabarimalai	Manikandan	Indian Institute of Technology Bhubaneswar
Hamid	Mccheick	Université du Québec à Chicoutimi
Francesco Carlo	Morabito	University Mediterranea of Reggio Calabria, Italy.
Vishnu	Ravi	Stanford Byers Center for Biodesign
Paul	Steiner	Dartmouth College

Agenda:

- Attendance, review of prior minutes
- P1752.2 Cardiorespiratory subgroup's scope : Summary of topical areas
- Topical presentations
 - Respiratory / COPD
 - Overview of clinical monitoring of cardiorespiratory health - existing standards
- Tasks - Discussion of next steps
- Other business
 - Repository of references, resources, drafts.
 - Discussion of regular monthly meeting time preferences
 - Other

A review and summary of the P1752.2 Cardiorespiratory Subgroup's official scope, purpose, and duties (<https://sagroups.ieee.org/1752/cardio-respiratory-subgroup/>) was presented at the start of the meeting. Open discussion about this ensued, and that was followed with an additional brief overview about the subgroup's specific tasks and deliverables to the P1752.2 Main Work Group:

- Deliver a list of common attributes as well as a list of clinically important attributes in the cardio-respiratory domain.
- Propose modified and new schemas relating to cardiorespiratory health, including examples as informed by use cases and the lists of common attributes and clinically important attributes.
- Deliver a review of mappings and/or relationships to other existing cardiorespiratory schemas other than that of Open mHealth.

Out of that, topical areas of focus identified in the subgroup's January meeting then also were summarized again (also listed in the prior minutes). An emphasis was made on the need for the development of relevant use cases for cardiorespiratory measures with the context of these areas of focus.

One of the topical areas of focus were respiratory measures. An overview presentation entitled "Healthcare context aware system for chronic diseases" by Hamid Mccheick, PhD (Université du Québec à Chicoutimi, Computer Science). This presentation particularly focused and pulmonary conditions, particularly COPD.

Following that was an abbreviated discussion about future regular meeting times.

Action Items:

- Discussion on developing specification of use cases - exploring member interest in doing this in the context of their own specific areas of focus and interest.
 - More background to inform the possibility for alignment of data specifications with other sources of "ground truth" cardiorespiratory data
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Next meeting: March 31, 2022 at 16:00 UTC (8:00 AM Pacific Time)

Minutes taken by Paul Steiner (Dartmouth)