

P1752.2

Cardiorespiratory Subgroup Teleconference

Working Group Sponsored by IEEE Engineering in
Medicine & Biology Standards Committee

July 28, 2022
15:00 UTC

P1752.2

Cardiorespiratory Subgroup

Agenda

July 28, 2022

Attendance

Review of prior minutes

Discussion: Use cases

- *“Fitness / performance / athleticism”*
 - *Focus on heart rate recovery*
- *“Health care”*
 - *Follow up on atrial fibrillation*

Other business

- *Collaborations / stakeholder engagement*
- *Next meeting*

P1752.2 Standard for Mobile Health Data

Cardiorespiratory Subgroup

Scope

The P1752.2 Cardio–Respiratory (CR) Subgroup will review Open mHealth schemas related to CR measures and propose updates and additional schemas as needed. The scope includes but is not restricted to the following measures of CR health: blood pressure, heart rate, heart rate variability, RR interval, respiratory rate, and O2 saturation. *The focus of this Subgroup’s work is on modeling data pertaining to CR function, not on current or future individual devices or apps that measure various aspects of CR health.*

Duties

By reviewing the clinical aspects of cardio–respiratory health and existing relevant devices and apps, the Subgroup shall deliver a list of common attributes as well as a list of clinically important attributes in the cardio–respiratory domain as scoped above. The Subgroup shall propose modified and new schemas relating to CR health, including examples as informed by use cases and the list of common and clinically important attributes. Finally, the Subgroup shall deliver a review of mappings and/or relationships to non–Open mHealth CR schemas.

Use case paradigms for developing P1752.2

Athleticism
*Fitness
Performance*

Self Care
*Health Maintenance
Wellness*

Health Care
*Chronic Disease Monitoring
Post-Intervention Recovery*

Maintain alignment with existing

- DiMe Society Playbook*
- **Clinical Research**
 - **Clinical Care**
 - **Public Health**

Next meeting August 25 (15:00 UTC)

