P1752.2
Cardiorespiratory Subgroup Teleconference

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

July 28, 2022
15:00 UTC
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)