P1752.2 Metabolic Subgroup Meeting

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

14 February 2023
Teleconference
Agenda

1. Attendance
2. Review of action items
3. Review of tasks
4. Other business
Review of Tasks
Use cases: measures relating to energy

- Clinical: Thyroid, adrenal, acid-base, diabetes
- Scenario: data for med titration or logging
  - Diabetes: carb load, medication,
    - Data: BG, weight
  - Heart failure
    - Data: weight, body water
  - Infection monitoring
    - Data: body temp
  - Obesity
    - Data: weight, BMI, body fat
  - Athletic performance
    - Weight, BMI, body fat, BG, electrolytes, body water, max O2 consumption (VO2max)
  - Frailty, sarcopenia
    - Muscle mass, bone mass,
Continuing the discussion

• Review landscape document to select measures shared by clinical and personal perspectives

• Landscape analysis of weight and body composition measuring solutions
Summary of Action Items
Next Meeting
Upcoming Meeting

• Metabolic subgroup:
  • Tuesday, March 14 at 8 am Pacific