P1752.2 Metabolic Subgroup Meeting

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

12 September 2023
Teleconference
Agenda

1. Attendance
2. Review of action items
3. Review of tasks
4. Other business
Review of Tasks
Body weight: Draft schemas

Draft schemas available for review in iMeet folder
Body weight:

Digital Medicine Society’s [Library of Digital Endpoints](#)

- **NCT05874635**: CGM use, change in weight as one of primary outcomes (no info on type of scale)
- **NCT05877547**: treatment of NASH, change in weight as one of secondary outcomes “Body weight (kg) will be measured using a standardized, digital scale”
- **NCT05869812**: BIA, change in fat mass, muscle mass “body composition analysis via bioelectrical impedance analysis for total and segmental muscle and fat mass, skeletal muscle mass, and body fat percent”
Blood Glucose: Draft Food Entry Schema

• Food intake (important for BG measures) modeled as Food entry
  o Protein
  o Carbs
  o Fats
  o Portions (1 or 2 or weight)
  o Macro only or macro + micro?
  o Calories
  o Sodium
Food Diary Example
Data Model

Consider for modeling:

**Food Entry**

**Serving**

**Food**

Or maybe omit **Serving** and focus on the consumption of food in terms of grams or kcals for each of the related entries.
Summary of Action Items
Next Meeting
Upcoming Meeting

- Metabolic subgroup:
  - Tuesday, October 3 am Pacific