

IEEE P1752.2 Metabolic measure Subgroup
Minutes of conference call held on June 21, 2022, at 8 am Pacific Time
Conference call started at 8:00 am Pacific Time on zoom

Slide deck presented by Chair Dr. Ida Sim (available on subgroup's website)
<https://sagroups.ieee.org/1752/wp-content/uploads/sites/277/2022/06/2022-06-21-1752-metabolic-slides.pdf>

Attendance: 6 attendees

| First Name | Last Name | Affiliation |
|------------|-----------|------------------------------|
| Simona | Carini | UCSF / Open mHealth |
| Kevin | Clark | Cures Within Reach / NSF |
| Antoni | Grzanka | Medical University of Warsaw |
| Sakshi | Sardar | Critical Path Institute |
| Josh | Schilling | Vibrent Health |
| Ida | Sim | UCSF / Open mHealth |

Agenda:

1. Attendance
2. Review of action items
3. Review of tasks
4. Other business

Plan: update existing BG schema as needed + create new schemas to model agreed-upon glucose variability measures + propose additions/amendments to metadata schemas

In defining schemas, attention must be given to the definition of the measure. In the schema it is possible to reference supporting documentation.

Also keep in mind the difference between data stream (e.g., the stream of BG values from a CGM) and biomarker (e.g., GMI), continuous data vs discrete measures. In the schema work so far, we've been focusing on biomarkers.

Discussion on temporal relationship to antihyperglycemic medications:

- There are medications with metabolic effect that don't fall under that label
- A simple before/after indication is not sufficient to correlate to the BG value; a BG value measured right before an insulin dose may be informative, but a value measured after raises the questions: what type of insulin and how long after?

When a precise relationship is needed, alignment of time course of the relevant events provides the information.

Clinician's perspective and analytical perspective

Next call: Tuesday, July 19 at 8 am Pacific time
Minutes taken by WG Secretary Simona Carini, UCSF