

# **P1752.2 Metabolic Subgroup Meeting**

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

19 March 2024

Teleconference

# Agenda

1. Attendance
2. Review of tasks
3. Other business

# Review of Tasks

# Body temperature schema

Open mHealth [body-temperature](#) schema

IEEE [temperature-unit-value](#) schema

# Body temperature schema: properties

```
"body_temperature": {
  "$ref": "#/definitions/temperature_unit_value"
},
"effective_time_frame": {
  "$ref": "#/definitions/time_frame"
},
"descriptive_statistic": {
  "$ref": "#/definitions/descriptive_statistic"
},
"measurement_location": {
  "description": "The value set is taken from SNOMED CT and LOINC. For common temperature locations, the adjective is used rather than the actual location name (e.g., axillary rather than armpit). Forehead indicates the use of a disposable strip.",
  "type": "string",
  "enum": [
    "axillary",
    "finger",
    "forehead",
    "oral",
    "rectal",
    "temporal artery",
    "toe",
    "tympanic",
    "wrist",
    "vagina"
  ]
},
"temporal_relationship_to_sleep": {
  "$ref": "#/definitions/temporal_relationship_to_sleep"
}
```

# Body temperature: sample data

```
{  
  "body_temperature": {  
    "value": 97,  
    "unit": "F"  
  },  
  "effective_time_frame": {  
    "date_time": "2013-02-05T07:25:00Z"  
  },  
  "measurement_location": "forehead"  
}
```

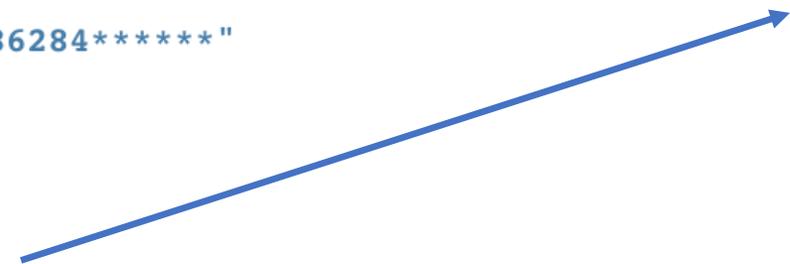
```
{  
  "body_temperature": {  
    "value": 96.5,  
    "unit": "F"  
  },  
  "effective_time_frame": {  
    "date_time": "2013-02-05T06:25:00Z"  
  },  
  "temporal_relationship_to_sleep": "on waking"  
}
```

basal temperature

# Body temperature: data from an API

```
"TemperatureDataList": [  
  {  
    "DataID": "c2c779fa91ea*****",  
    "DataSource": "FromDevice",  
    "LastChangeTime": 1554262191,  
    "Lat": -1,  
    "Lon": -1,  
    "MDate": 1554328179,  
    "Result": 67.22222222222214,  
    "TimeZone": 8,  
    "Note": "",  
    "userid": "89b7fd5886284*****"  
  }  
  .....  
],  
"TemperatureUnit": 0,
```

temperature ←



## TemperatureUnit

Unit	Value
°C	0
°F	1

# Body temperature schema

## Questions:

1. any additional properties needed?
2. any more/fewer values in measurement\_location value set?

# Summary of Action Items

Next Meeting

# Upcoming Meeting

- Metabolic subgroup:
  - Tuesday, April 23 at 8 am Pacific