

A Wearable Internet of Things Device for Non-invasive Remote Monitoring of Vital Signs Related to Heart Failure

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1. Arduino Code:

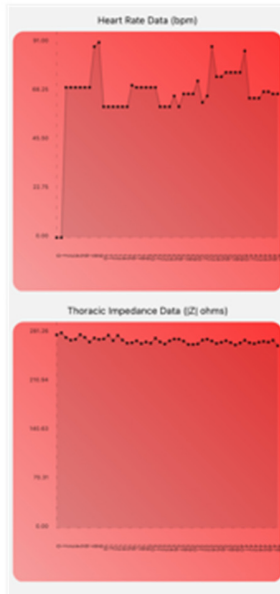
The code for the device along with the Gerber files of the printed circuit board (PCB) can be found here:

<https://github.com/ShkhAsher/A-body-mounted-wearable-sensor-for-monitoring-heart-failure-vitals.git>

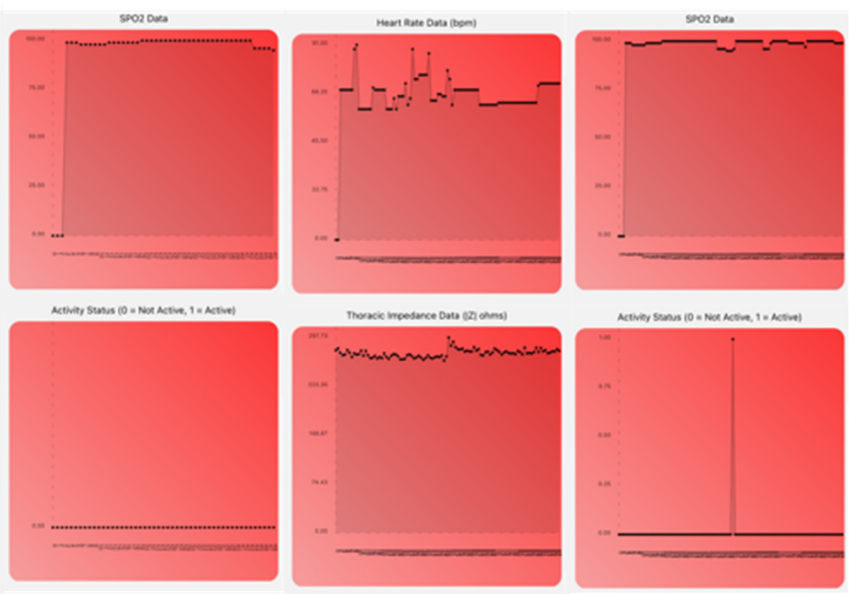
2. Subject Data:

Subject 1:

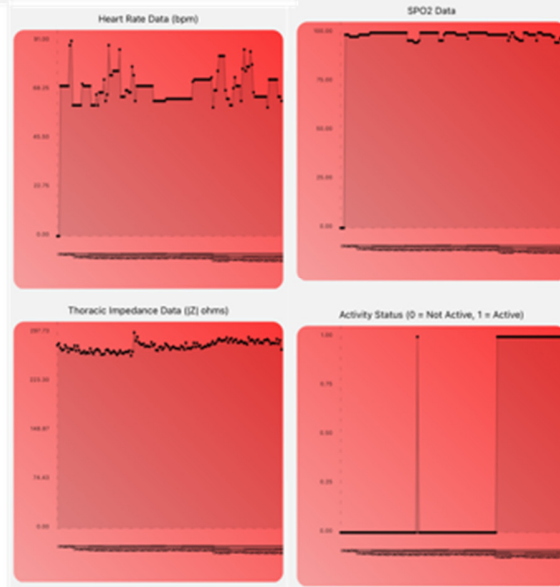
a



b



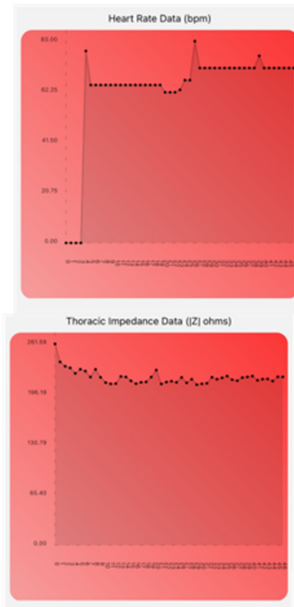
c



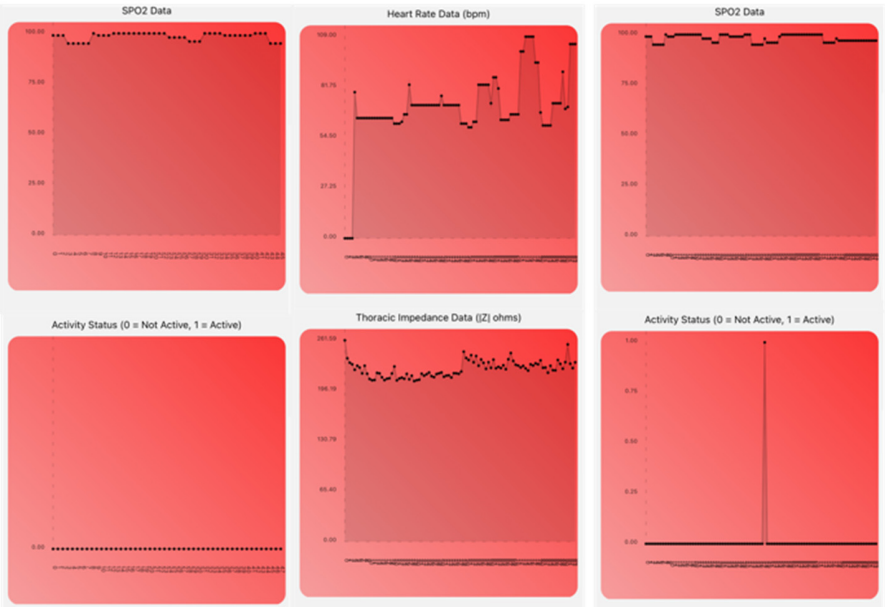
a Subject 1 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.

Subject2:

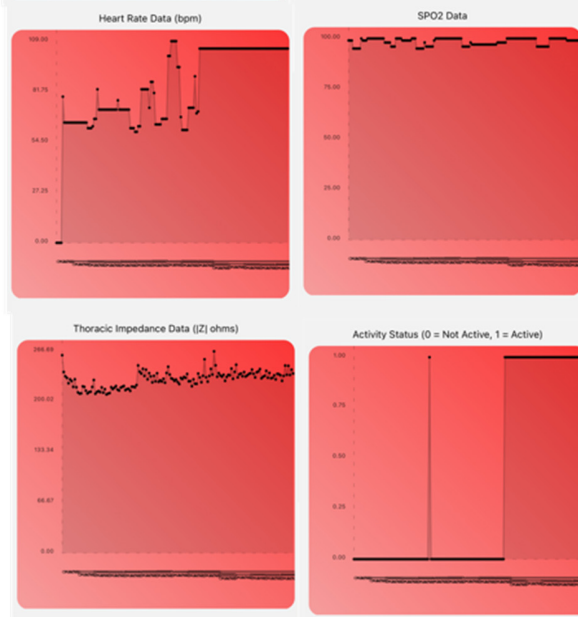
a



b



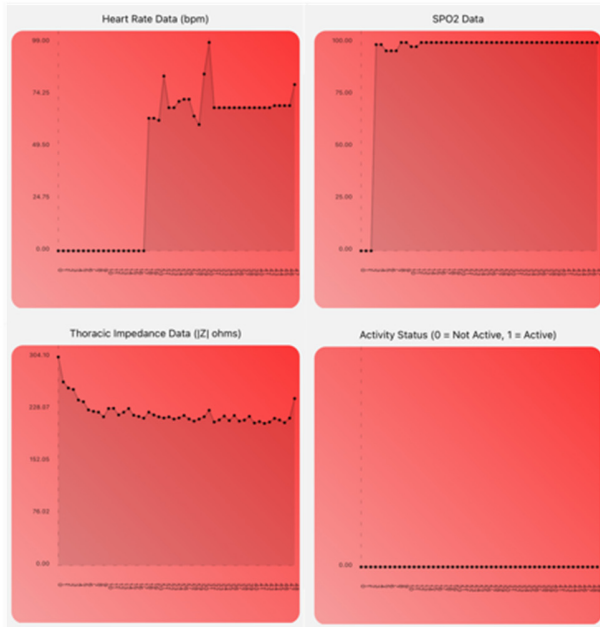
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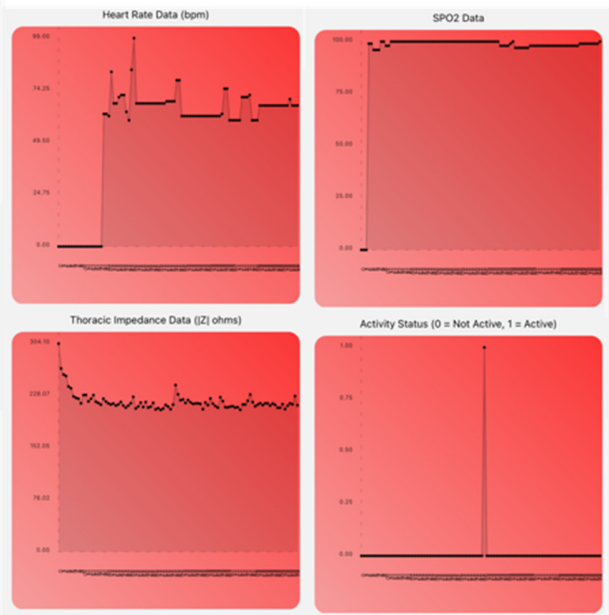
a Subject 2 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.

Subject 3:

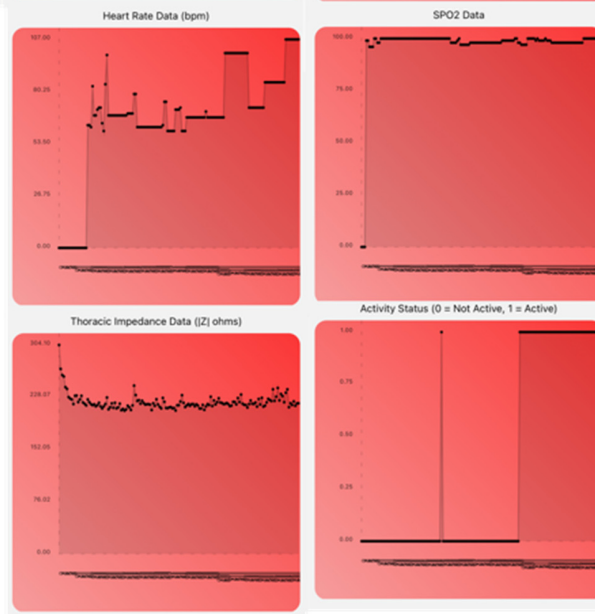
a



b



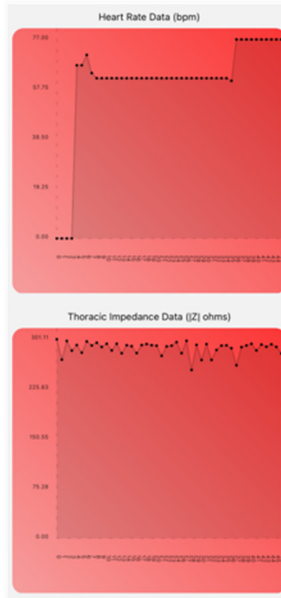
c



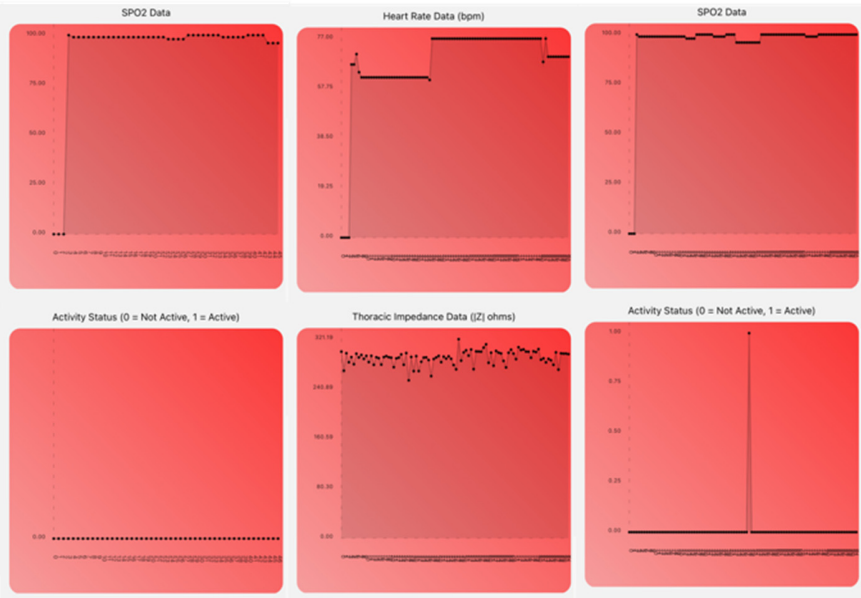
a Subject 3 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.

Subject 4:

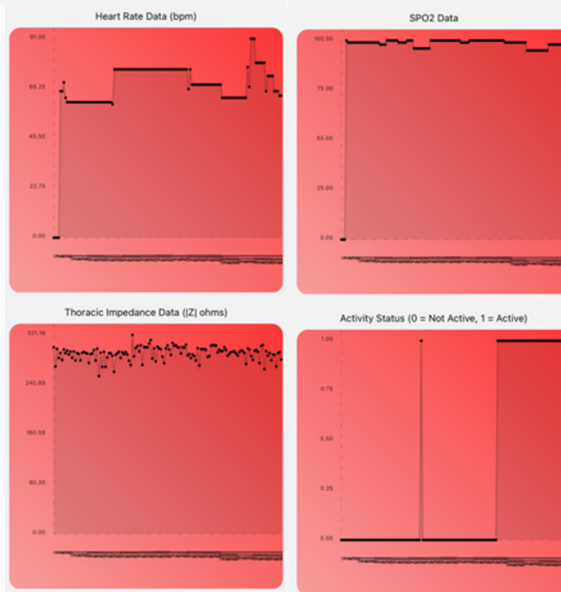
a



b

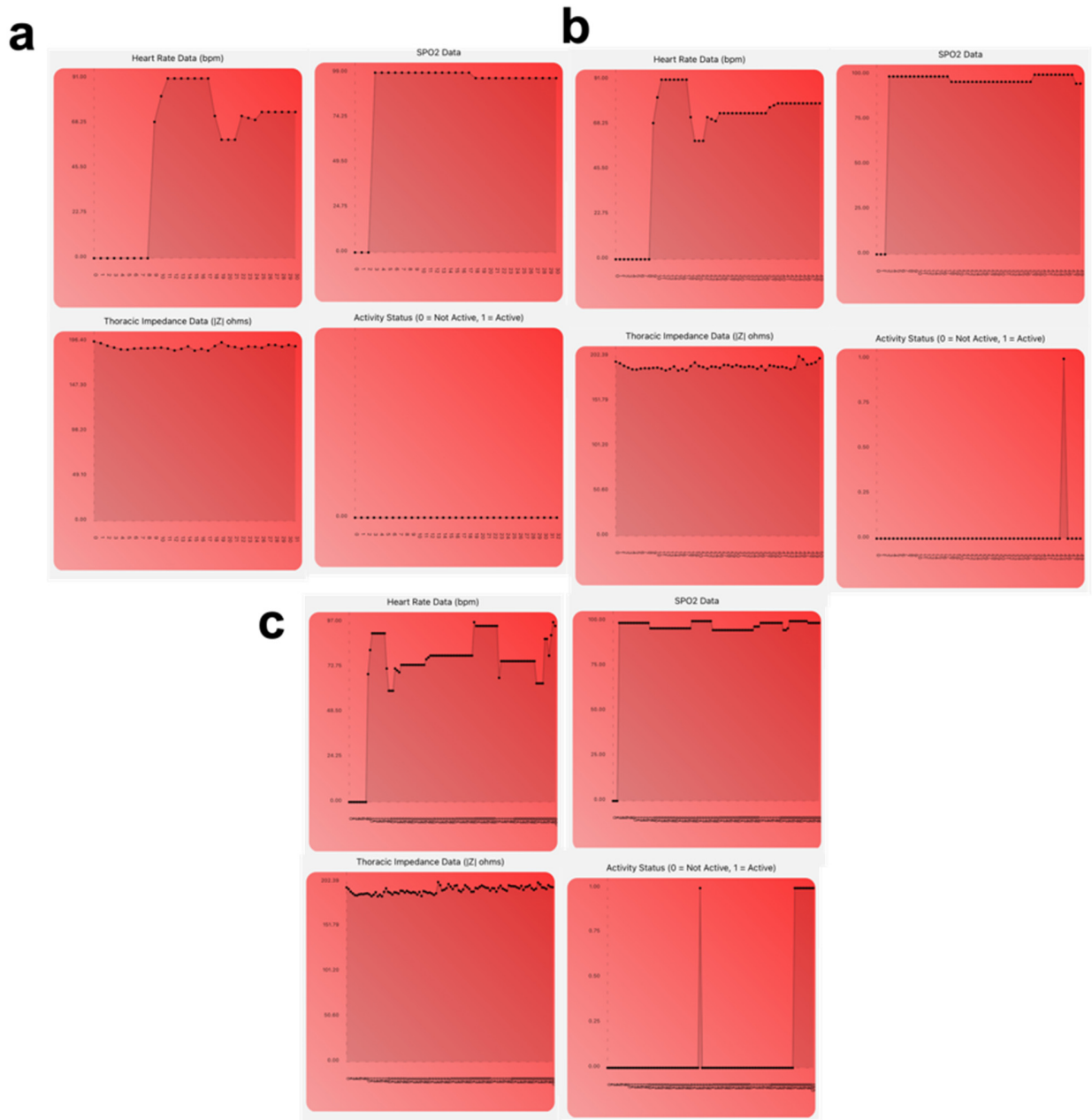


c



a Subject 4 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.

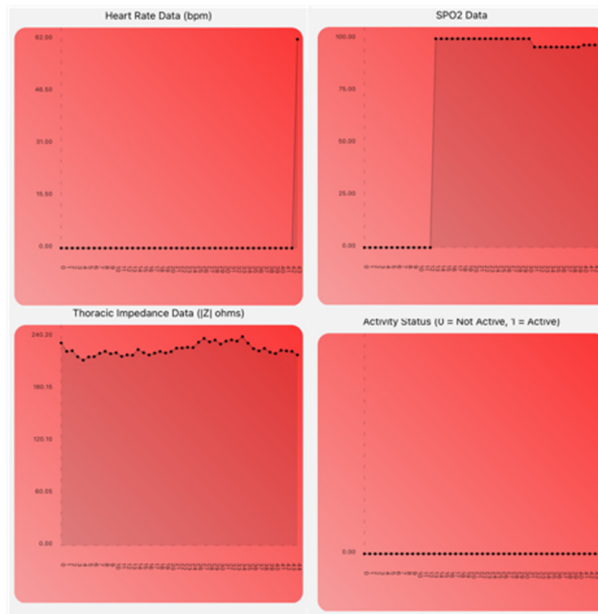
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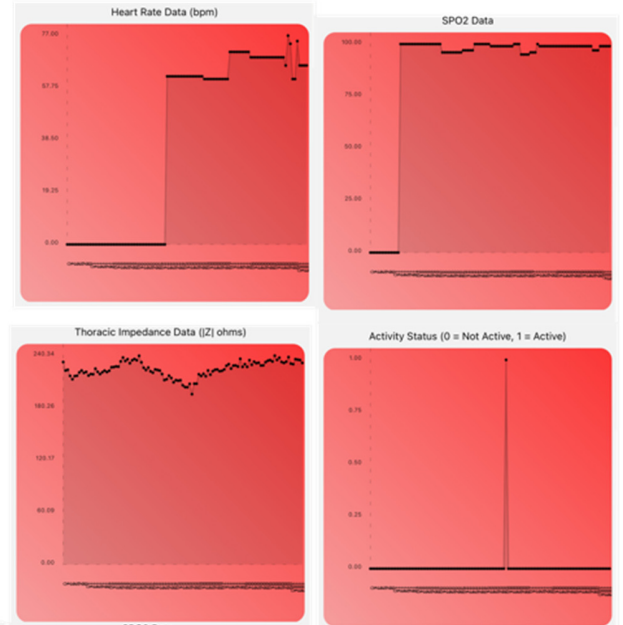
a Subject 5 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.

Subject 6:

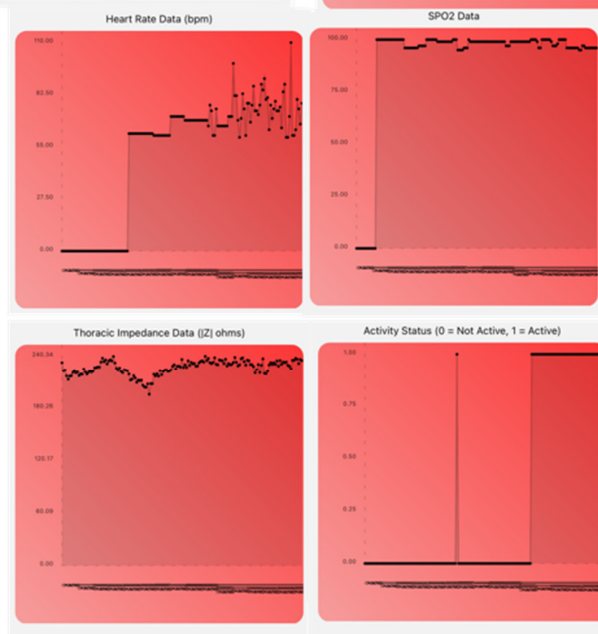
a



b



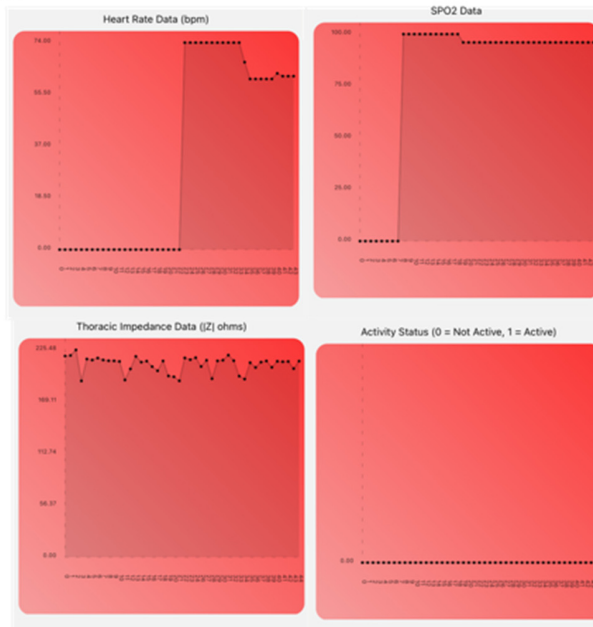
c



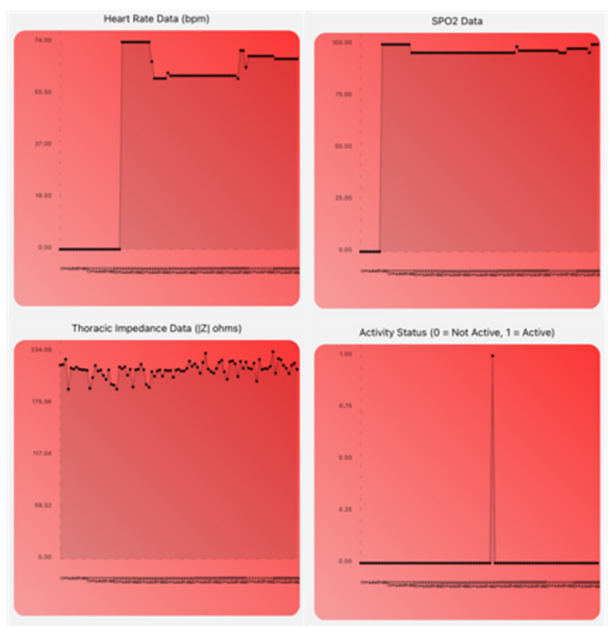
a Subject 6 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.

Subject 7:

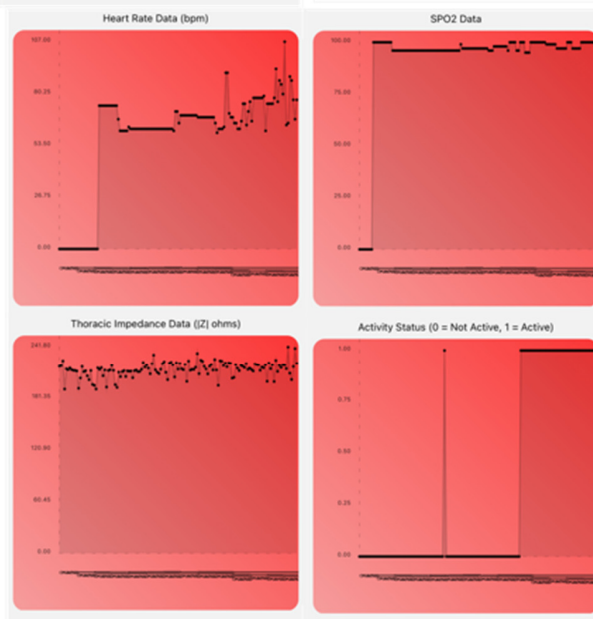
a



b



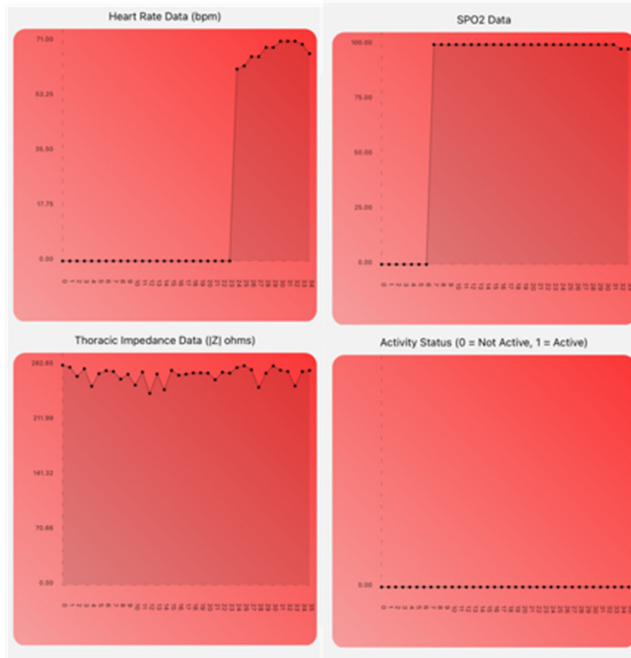
c



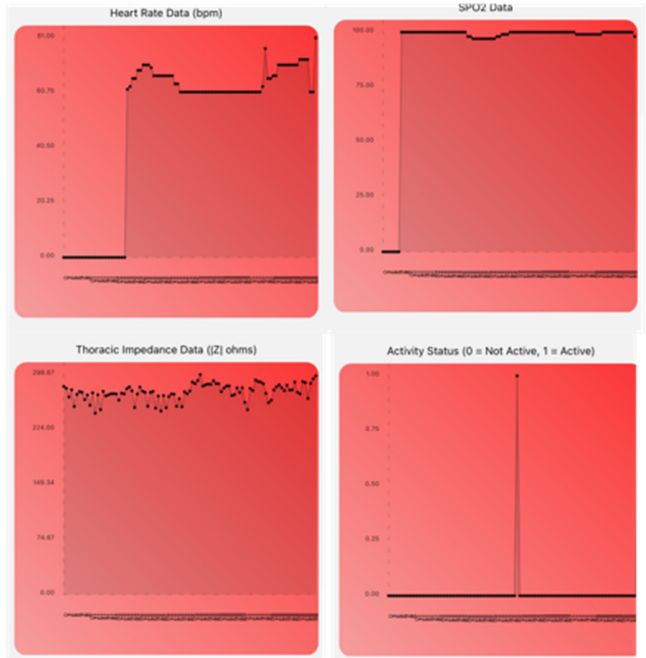
a Subject 7 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.

Subject 8:

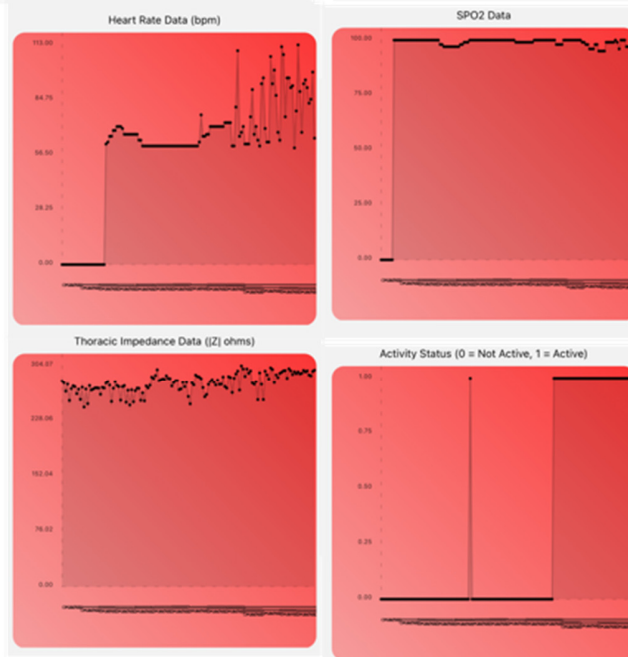
a



b

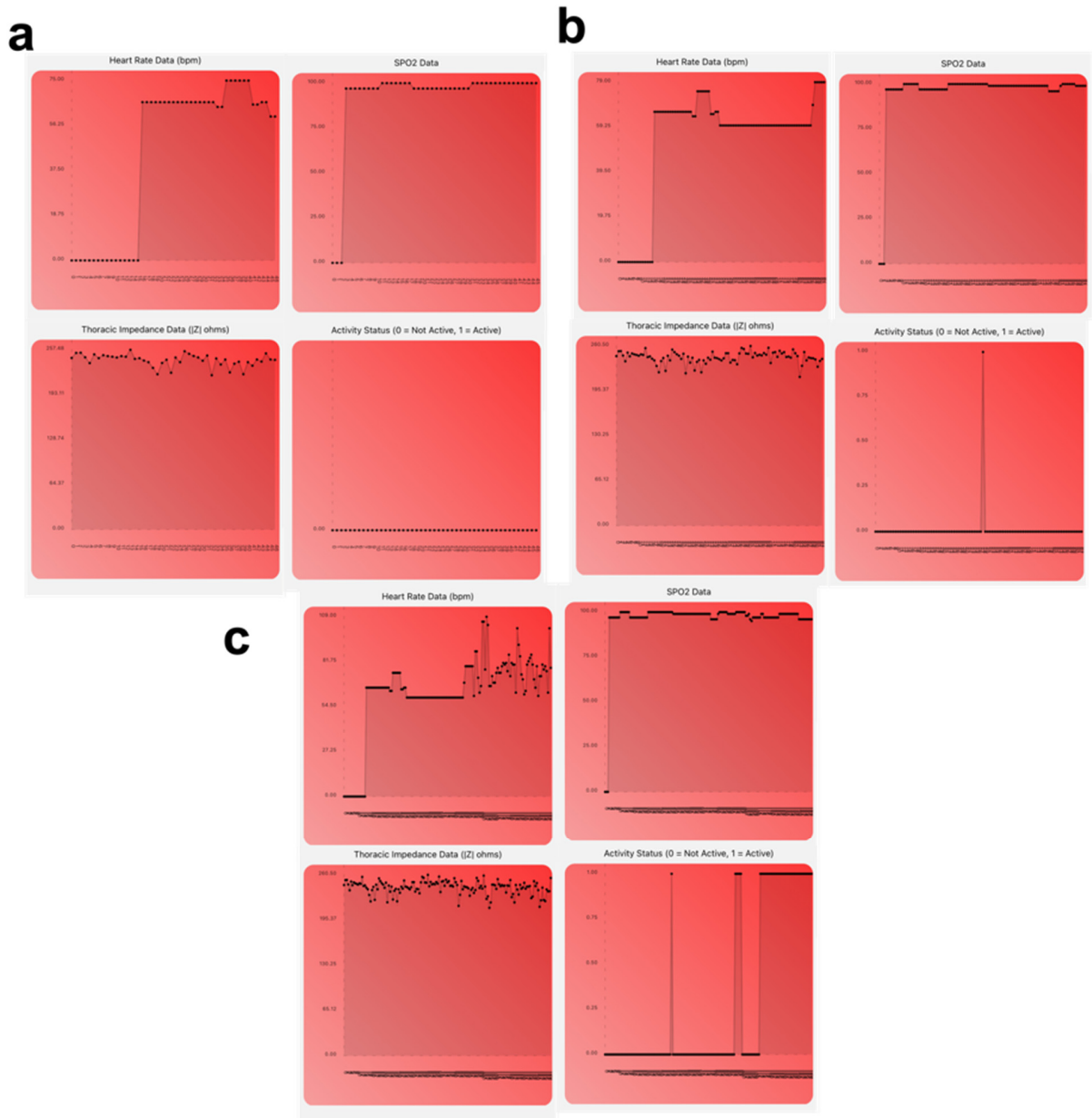


c



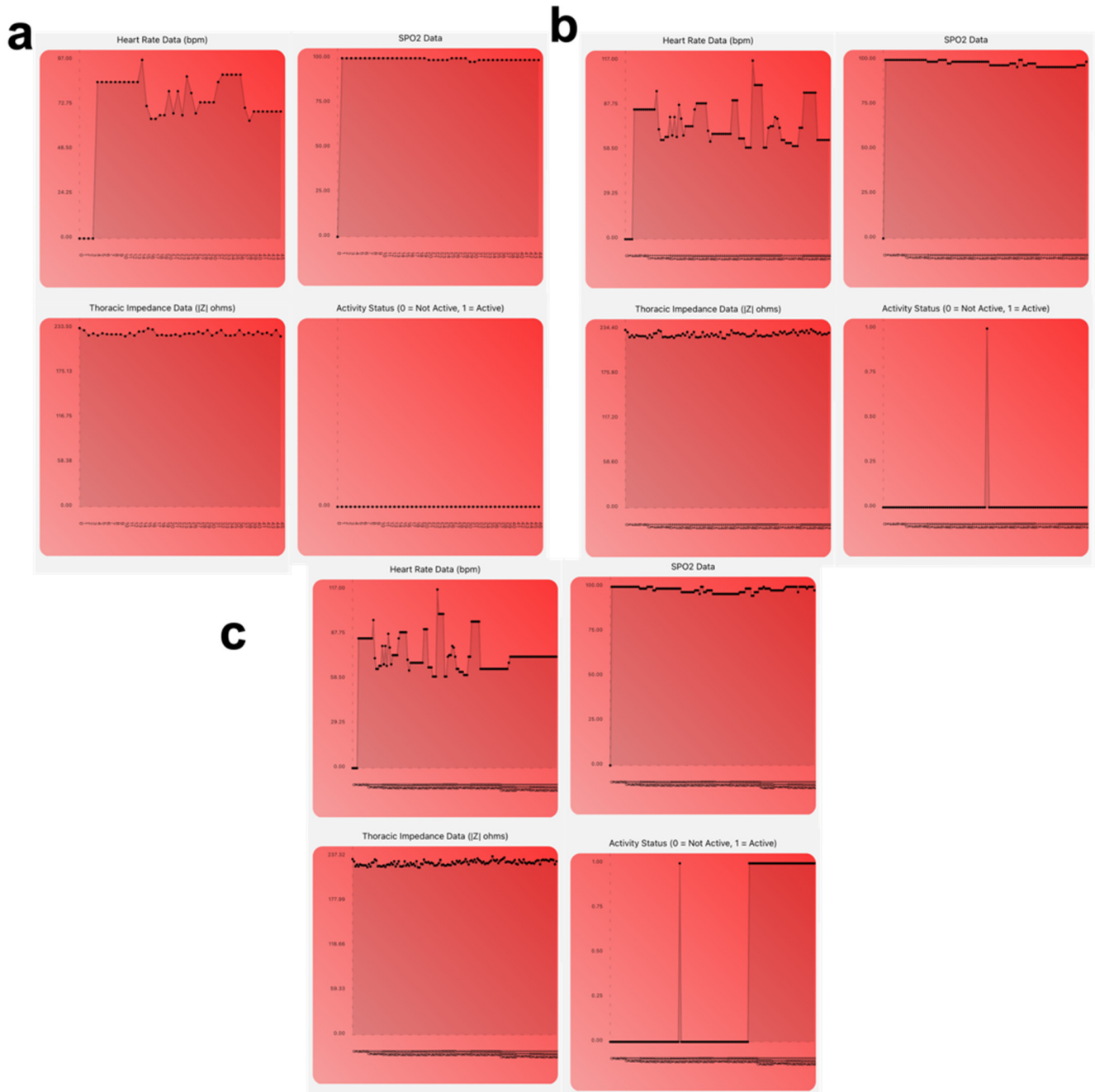
a Subject 8 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.

Subject 9:



a Subject 9 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.

Subject 10:



a Subject 10 parameters while sitting b. Patient 1 parameters while standing c. Patient 1 parameters while walking.