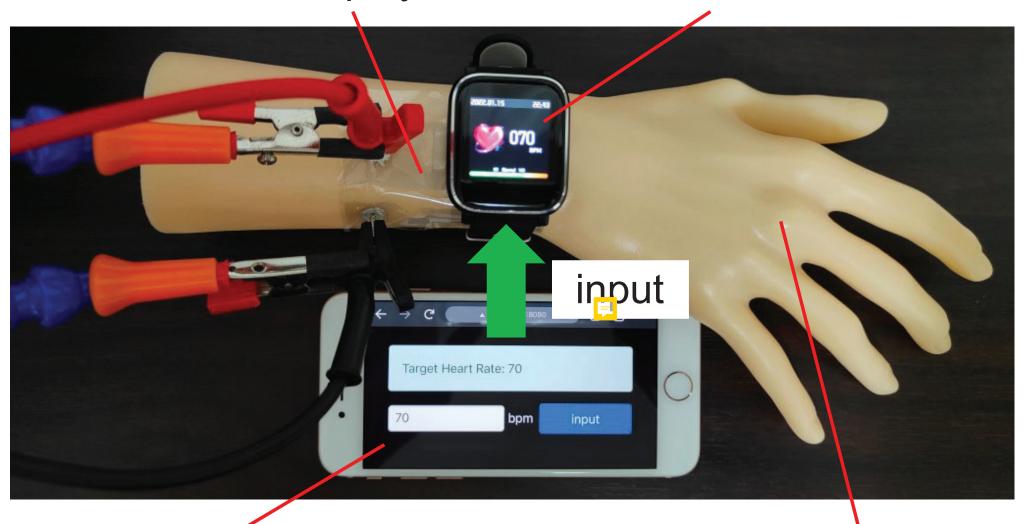
Display

Smartwatch



Control application

Artificial arm

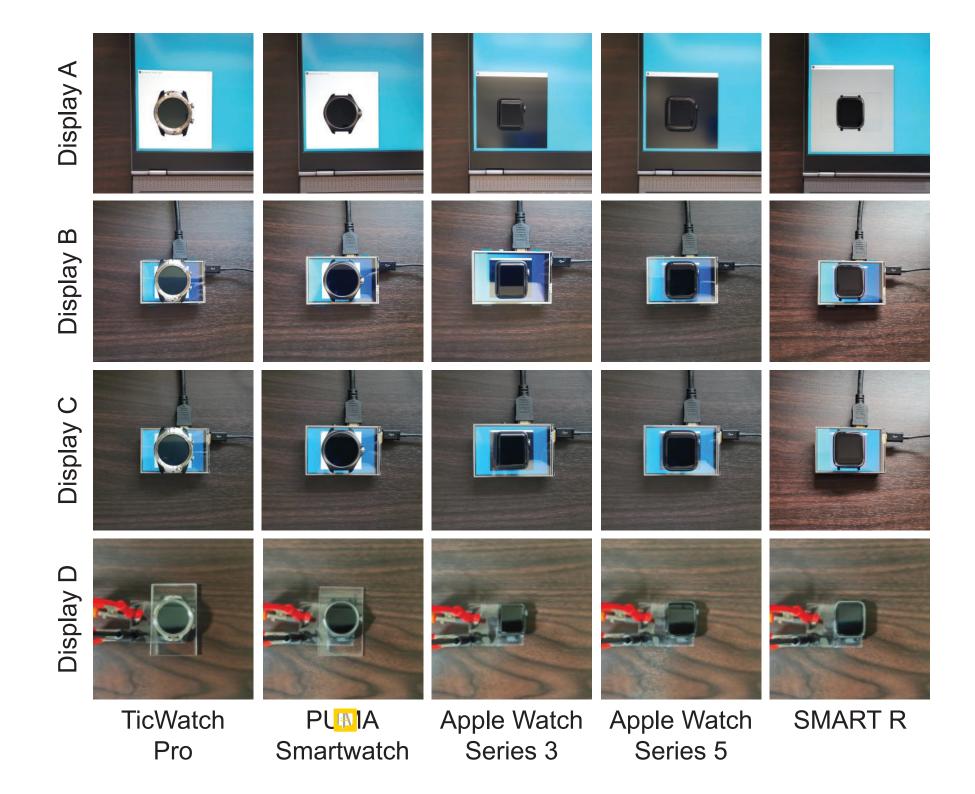
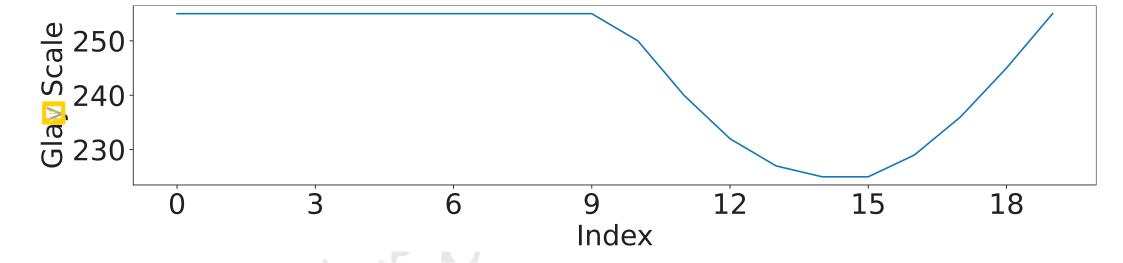


Fig. 3



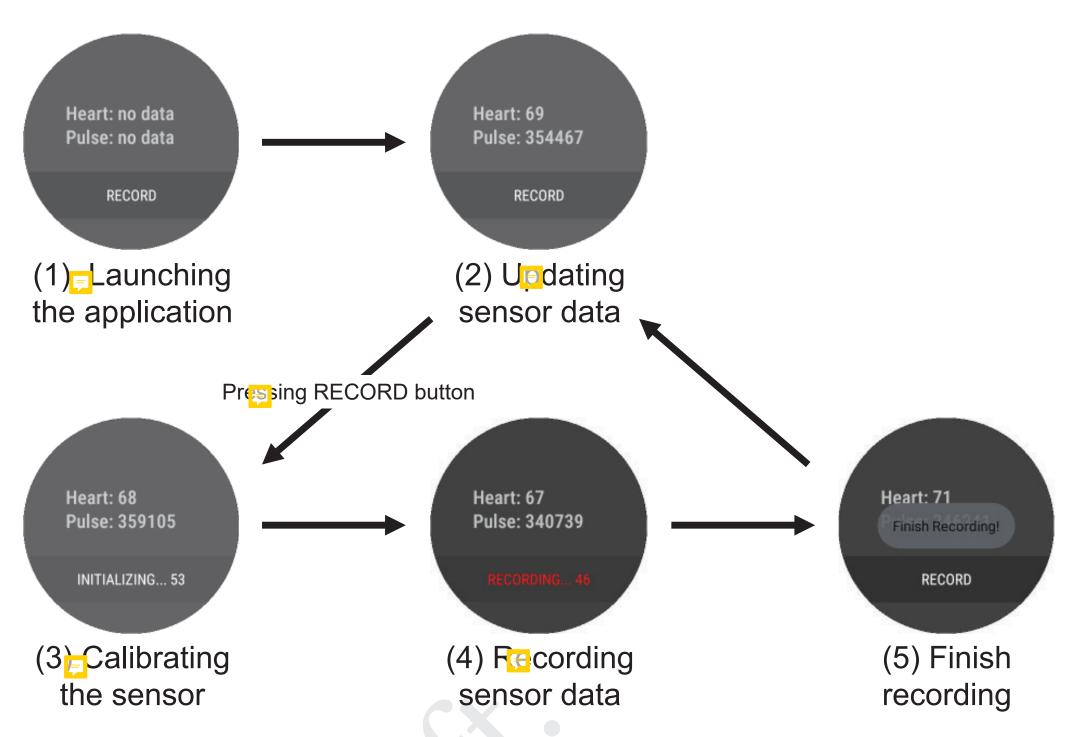


Fig. 7

```
78, 79, 78, 80, 80, 81, 79, •••• , 80, 79, 80

60 [s]

Ave. 80 → Heart rate: 80 ppm

(a)
```

```
78, 79, 78, 80, 80, 81, 79, •••• , 80, 79, 80

— 30 [s] — 60 [s] — Ave. 80 → Heart rate: 80bpm

(b)
```

```
78, 79, 78, 80, 80, 81, 79, •••• , 80, 79, 80
```

Heart rate: 80bpm

(c)

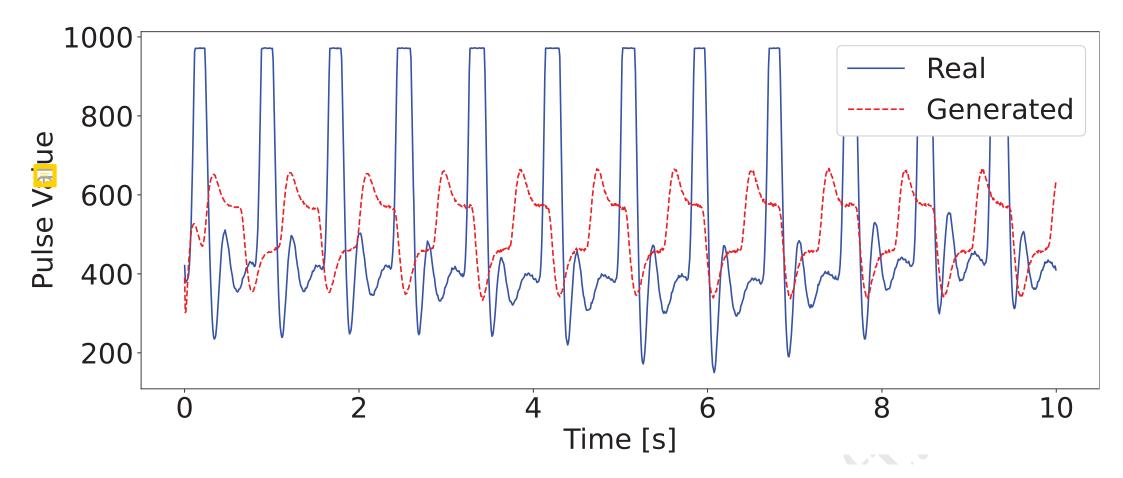


Fig. 11