

DIGITAL VALUE Scorecard Implementation



Patients use digital and wearable healthcare devices to reply outcomes after cardiothoracic surgery

But is it Worth it?

Avoid complications

Continuous monitoring

Reduce report burden

Objective assessment

Inappropriate visualization

Inadequate interpretation

Large amount of data

Participatory Action Research for Value

Problem: Define the set and frequency of PROMs to collect using RPM devices

Plan: Combine ICHOM Heart failure PROMs Set with clinical databases
Search for RPM devices

Act: Design and implement Digitized Patient Pathway

Observe: Run pilot with 32 patients and collect feedback

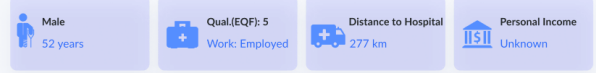
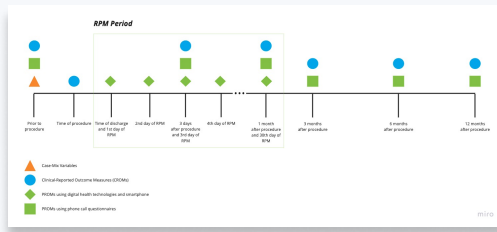
Reflection:

- (1) Patients feel safe since practitioners call when values are not good
- (2) Practitioners assess outcomes using stability periods
- (3) The most relevant PROMs (lower stability days): pain, steps, and blood pressure

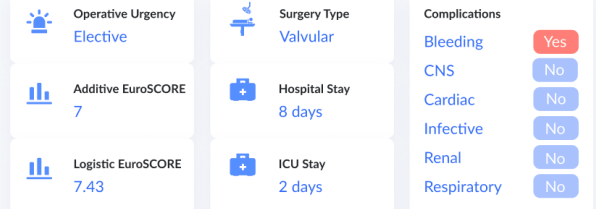
Team:

- 3 nurses,
- 3 surgeons
- 3 researchers

6 months
3 cycles
20 patient interviews
6 group meetings

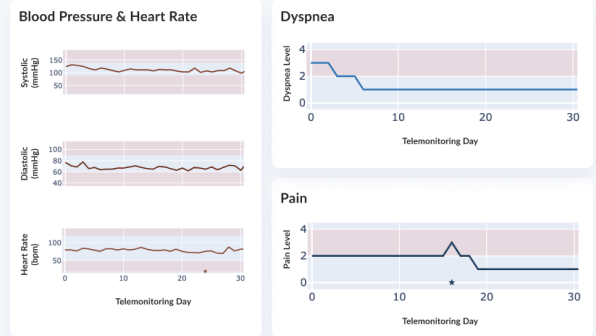


Surgery-related Information

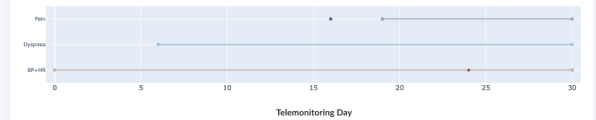


Digital Health Service Performance

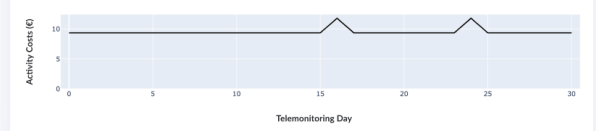
Outcomes Variation Analysis



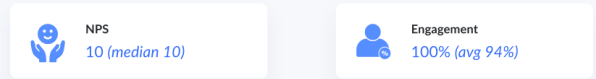
Outcomes Stability Analysis



Resources/Costs Allocated



Patient Satisfaction & Engagement



Patient Quality of Life Evolution

