



***Mymobility** Smartphone-based Care Management Platform's application upon **knee replacement** rehabilitative pathway*



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#EHMA2025

Objective

Create and implement a **telemedicine rehabilitation and care pathway** to support patients undergoing **total knee replacement** with **robotic surgery**

Platform used:

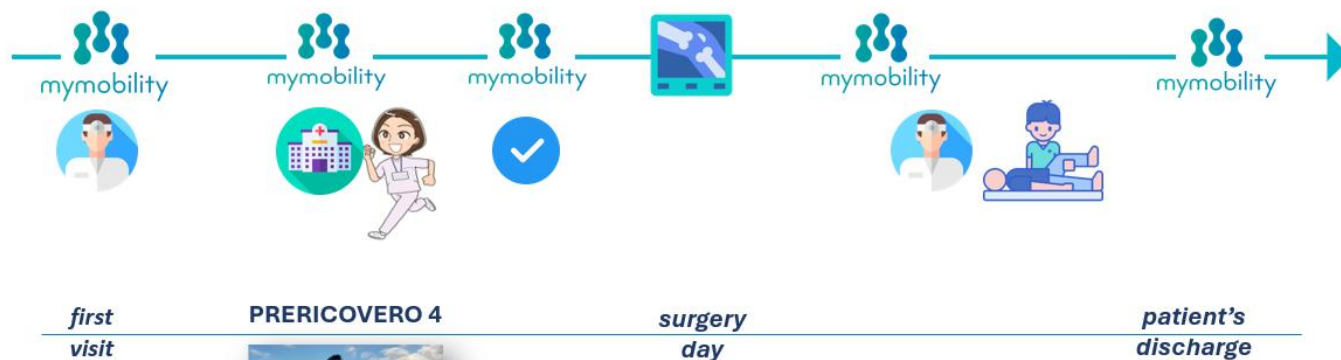


Robot for surgery:



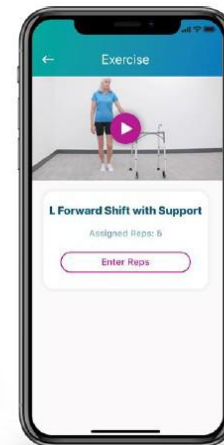
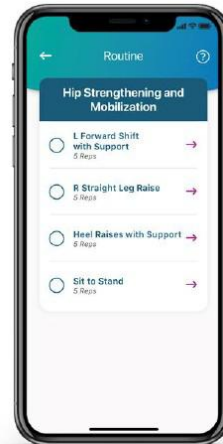
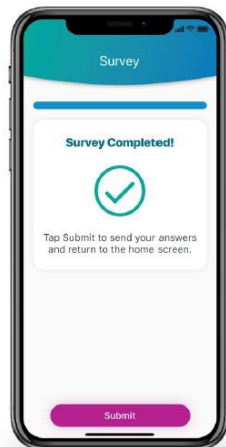
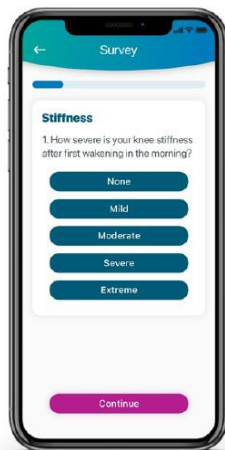
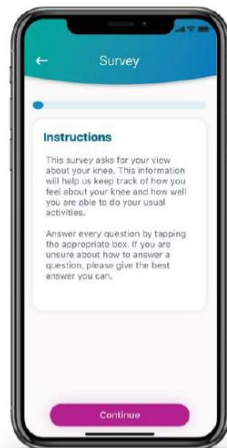
Methods

mymobility at COQ – Care Team



Methods

Patient's view



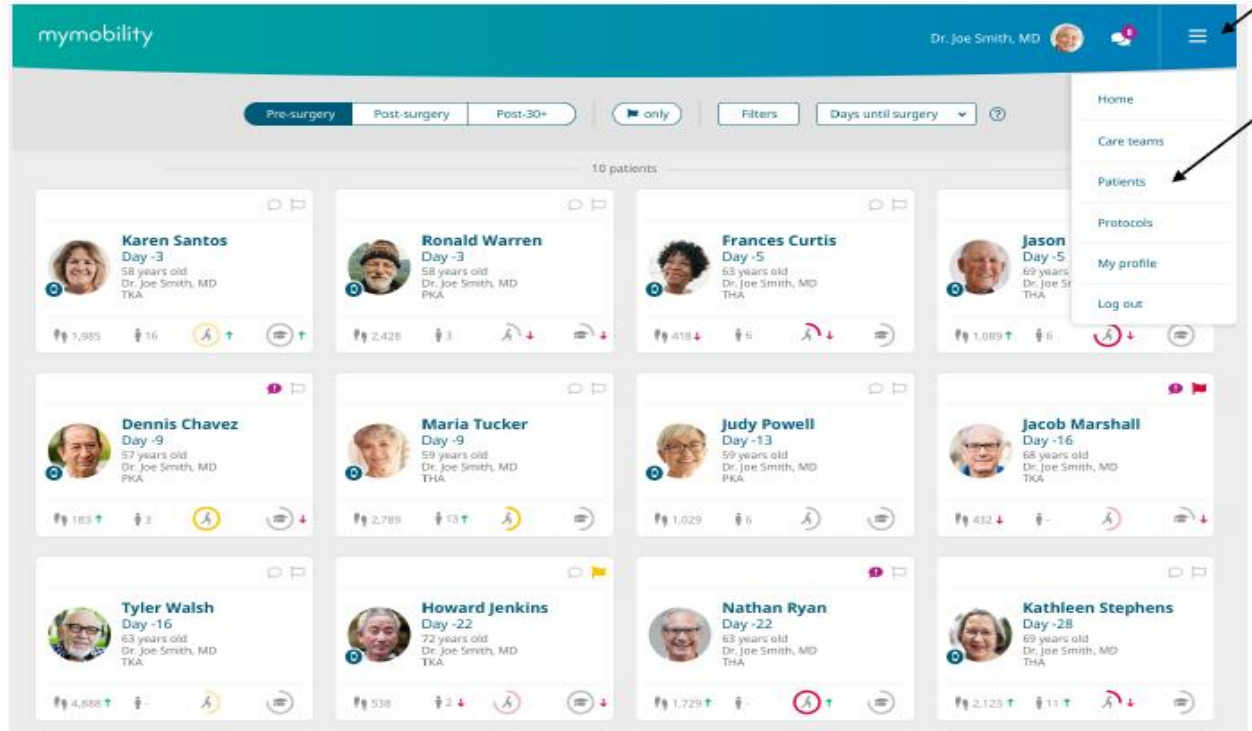
Education

Assessment

Routines

Methods

Care Team's view



The screenshot displays the 'mymobility' interface for Dr. Joe Smith, MD. The top navigation bar includes the 'mymobility' logo, the user's name and profile picture, and a menu icon. Below the navigation bar, there are tabs for 'Pre-surgery', 'Post-surgery', and 'Post-30+', along with buttons for 'only', 'Filters', and 'Days until surgery'. The main content area shows a grid of 10 patient cards, each with a profile picture, name, day of surgery, age, and a list of care team members. A dropdown menu is open on the right side, showing options: Home, Care teams, Patients, Protocols, My profile, and Log out. Arrows point to the menu icon and the 'Patients' option in the dropdown.

mymobility Dr. Joe Smith, MD

Pre-surgery Post-surgery Post-30+ only Filters Days until surgery

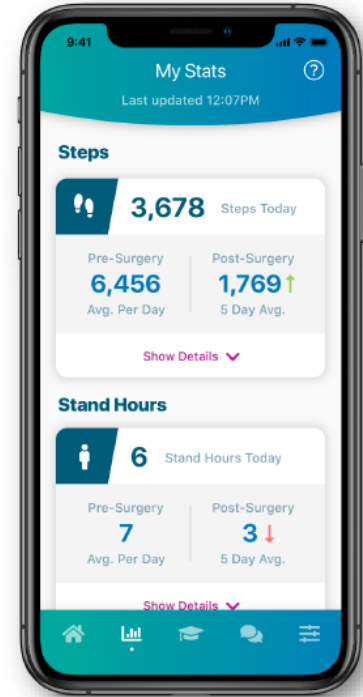
10 patients

- Karen Santos**
Day -3
58 years old
Dr. Joe Smith, MD
TKA
1,985 16
- Ronald Warren**
Day -3
58 years old
Dr. Joe Smith, MD
PKA
2,428 3
- Frances Curtis**
Day -5
63 years old
Dr. Joe Smith, MD
TKA
418 6
- Jason**
Day -5
69 years old
Dr. Joe Smith, MD
TKA
1,089 6
- Dennis Chavez**
Day -9
57 years old
Dr. Joe Smith, MD
PKA
183 3
- Maria Tucker**
Day -9
59 years old
Dr. Joe Smith, MD
TKA
2,788 13
- Judy Powell**
Day -13
59 years old
Dr. Joe Smith, MD
PKA
1,029 6
- Jacob Marshall**
Day -16
68 years old
Dr. Joe Smith, MD
TKA
432 -
- Tyler Walsh**
Day -16
63 years old
Dr. Joe Smith, MD
TKA
4,688 -
- Howard Jenkins**
Day -22
72 years old
Dr. Joe Smith, MD
TKA
538 2
- Nathan Ryan**
Day -22
63 years old
Dr. Joe Smith, MD
TKA
1,729 -
- Kathleen Stephens**
Day -28
69 years old
Dr. Joe Smith, MD
TKA
2,123 11

Home
Care teams
Patients
Protocols
My profile
Log out

Results

- ✓ Active Patients: ~ **79%**
- ✓ ROSA Cases: ~ **93%**
- ✓ Exceptions: **100% managed**
- ✓ Messages: **100% managed**
- ✓ Patient satisfaction: **very good**



Results

✓ Value to the Patient



Receive
support



Feel connected
and cared for



Reduce
your anxiety



Keeps the Patient
motivated to reach
specific **recovery goals**

✓ Value to the Care Team



Data and
Insight



Increased
Efficiency



Connection
with the
Patient



Driving
**Digital
Innovation**

A cluster of colorful geometric shapes, including triangles and polygons in shades of pink, teal, and blue, positioned above the main title.

THANK YOU

“ It really felt like having a companion in my pocket, everyday, everywhere, and it made me feel safe all the time. ”

mymobility patient



“ It’s good for the medical people at the hospital, they can see how I’m doing. ”

mymobility patient