

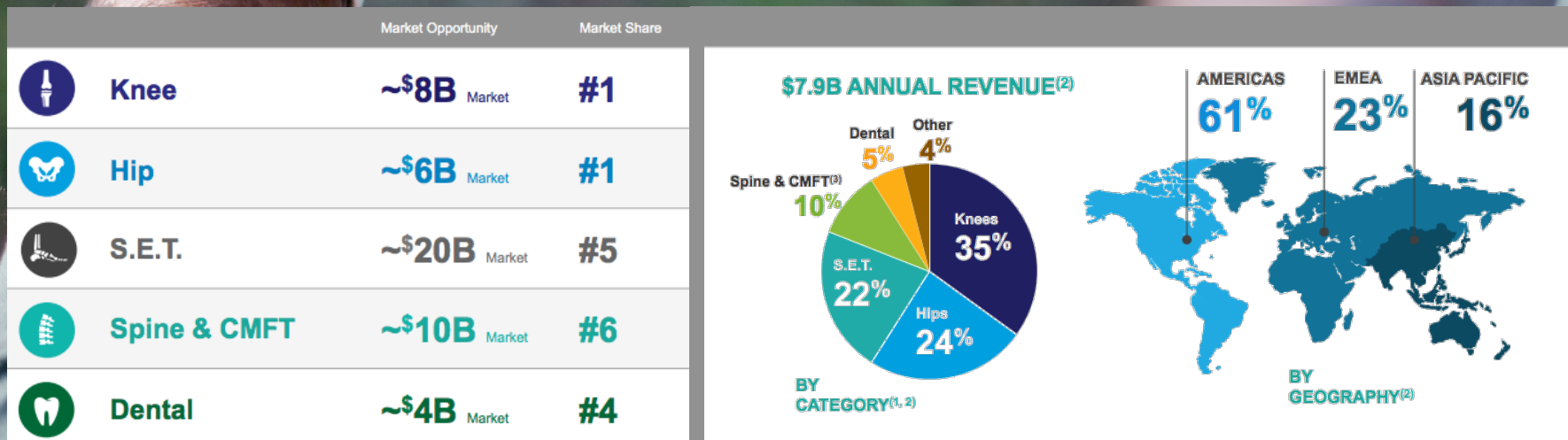


Ted Spooner, B.S.

Senior Director

Zimmer Biomet Connected Health

- World largest pure play Orthopedic implant company.
- \$7.9B Revenue, Global market share - 35% Knee, 24% Hip.
- 8,000+ knee replacement surgeries per week across the globe.
- 20,000+ patients per week receive care with ZB products.



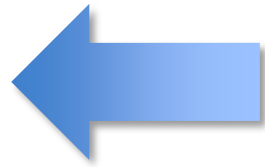
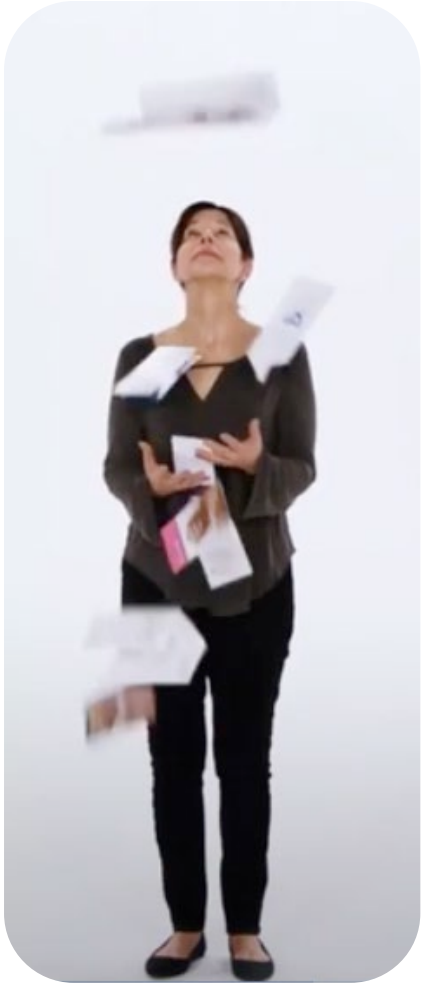
- Apple partnership announced October 2018.
- Mymobility Clinical Study, 10,000 patients + 30 U.S. sites.
- Mymobility with Apple Watch Commercial release Q2 2019.
- ZB Connected Health Division -Grand Rapids, Portland, Pittsburgh.



*"We are incredibly excited to work with Apple to transform the knee and hip replacement experience for patients and surgeons," **Zimmer Biomet CEO Bryan Hanson.***



*"We believe one of the best ways to empower consumers is by giving them the ability to use their health and activity information to improve their own care," **Apple COO Jeff Williams said.***

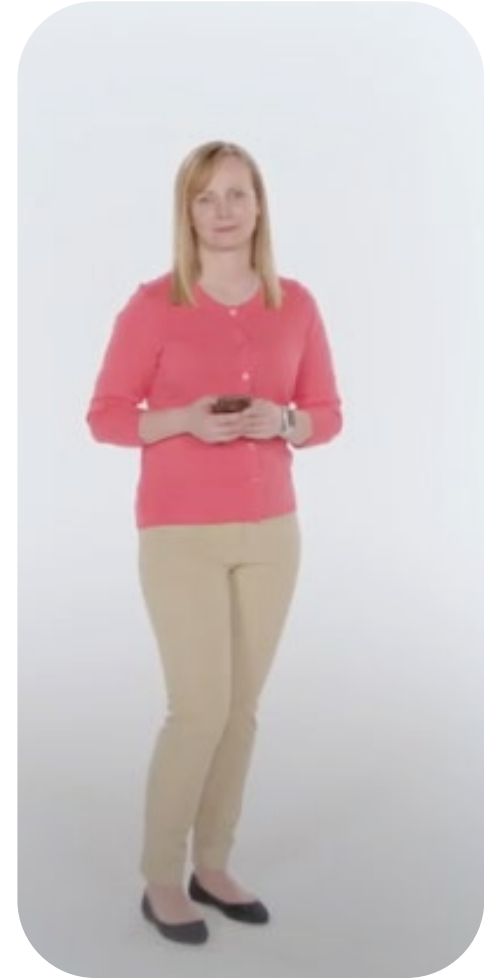
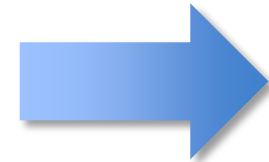


This patient has a ton of paperwork and reading to do before surgery.



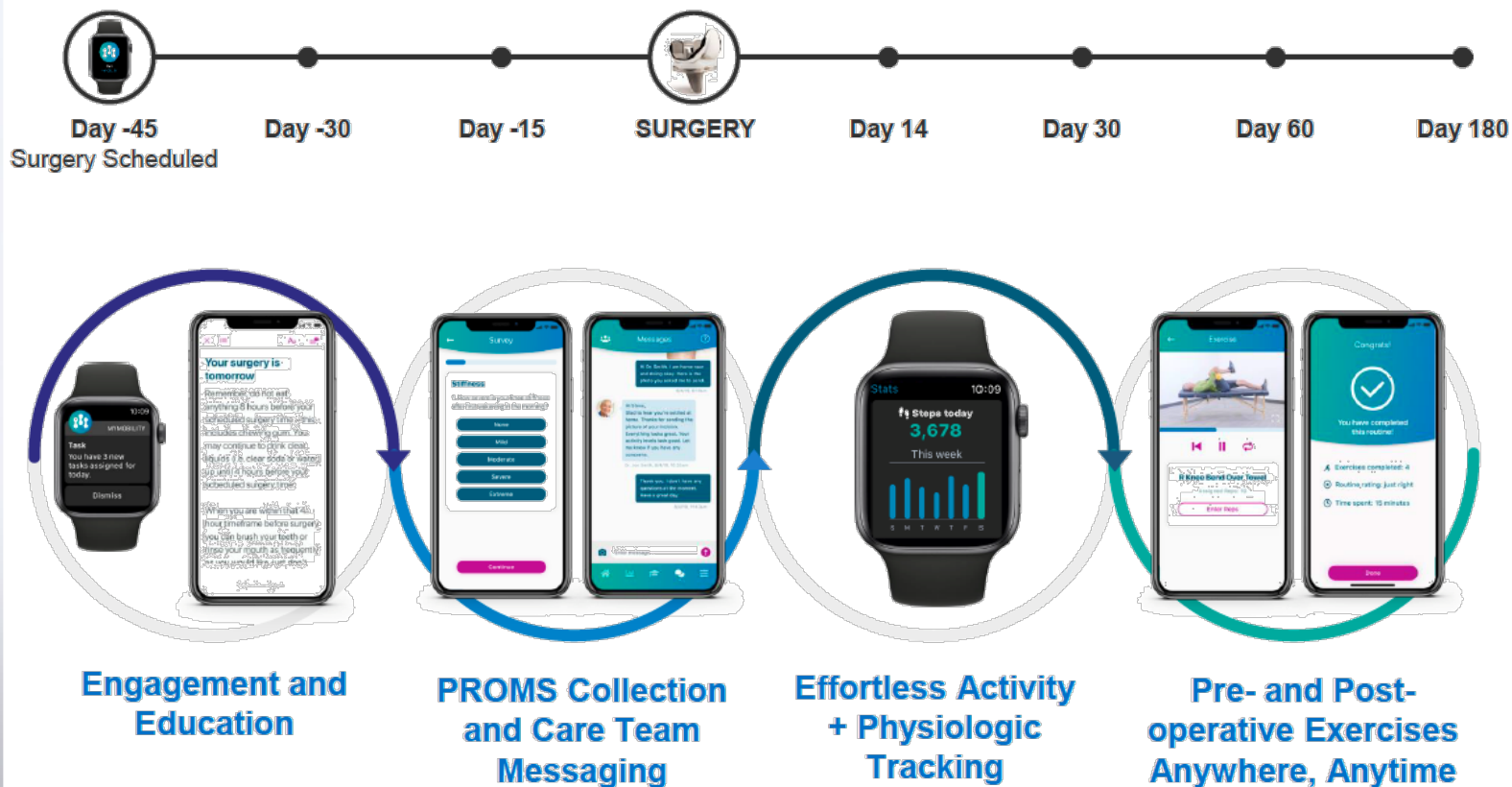


This patient has signed up for Mymobility and has everything they need on their iPhone and Apple Watch.



Transforming the Standard of Care

A Platform that Guides Patients Through a Customized and Connected Pre- and Postoperative Patient Experience





Optimize Experience, Expand Oversight, Measure Outcomes

Patient Journey Optimization:

Improve Satisfaction, Minimize Emotional/Psychological “Cost”

Helping Patients:

- Improve satisfaction, Reduce anxiety.
- Strengthen connection to surgeon and care team.
- Improve condition understanding.
- Right information at the right time to address common questions.
- Improve outcome expectation.

Outcome + Resource Optimization:

Exception-Based Care, Patient + Workflow Optimization

Helping Surgeons and Providers:

- Optimize their patients’ outcomes and experience through engaged, timely, and risk-cohort specific surgery prep, and rehabilitation.
- Predictive algorithms generating “intervention triggers” for patients who will go off-track.
- Minimize resource utilization to only the patients who need it, when they need it, optimizing costs and surgeon time without compromising outcomes or patient experience.

Care Pathway Optimization:

Risk Stratification + Care Pathway Optimization

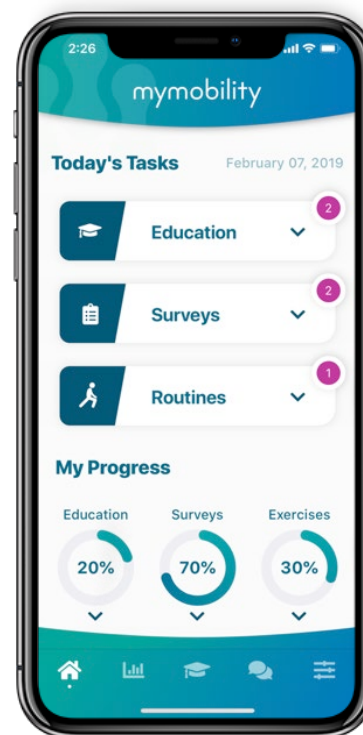
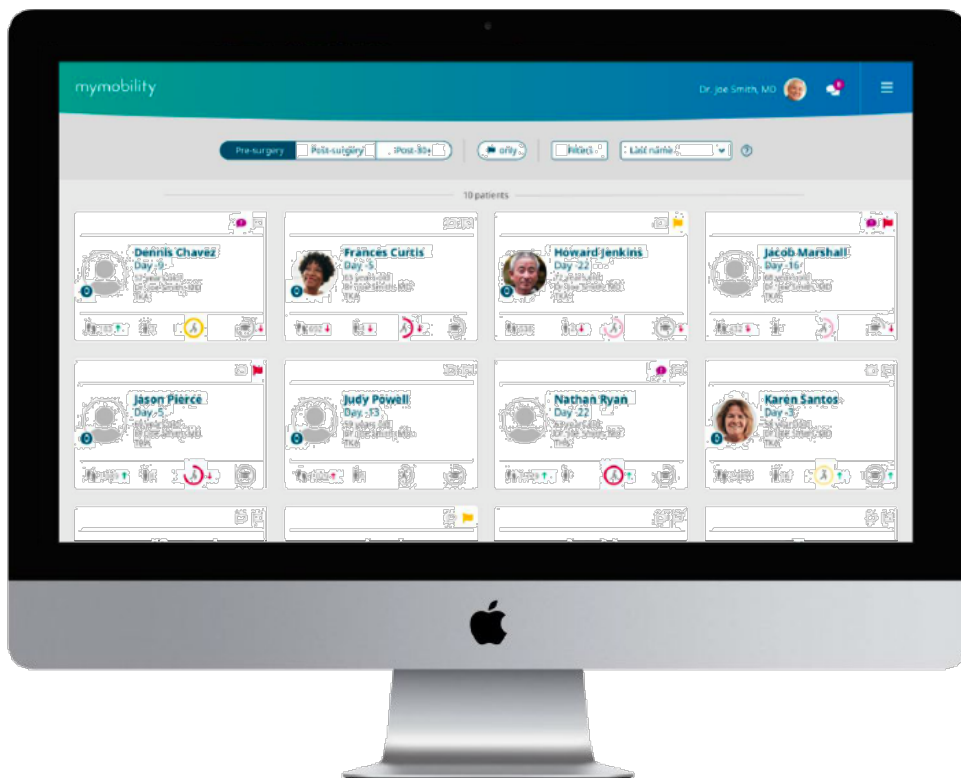
Helping All Stakeholders:

- Predict the best patient-specific interventions and providers to maximize patient outcomes while minimizing costs at each point along their life-long orthopaedic journey.
- Support “Centers of Excellence” Business Models that incentivizes all stakeholders to participate.
- Provide episode of care analytics to optimize care pathways, measure patient satisfaction, develop insight to best practices for providers & payors.



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mymobility with Apple Watch



Is a care management system that uses iPhone and an Apple Watch to help surgeons

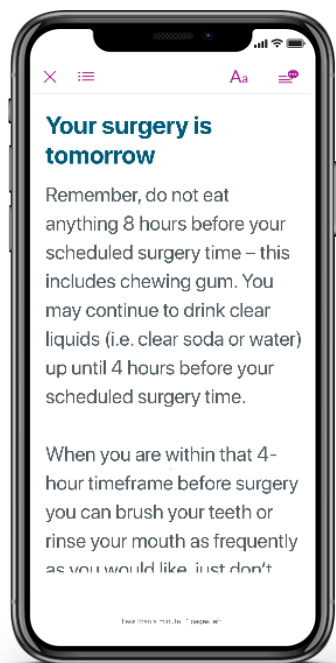
- **deliver better support and guidance to their patients through a connected experience, and**
- **collect and monitor objective data about their patients' surgical preparation and recovery.**

For patients, it's a surgical journey companion on their wrist.

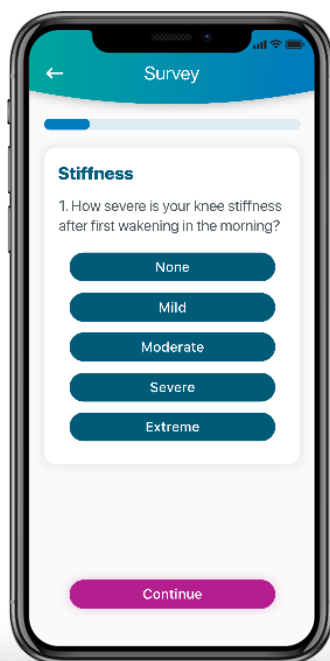


mymobility with Apple Watch

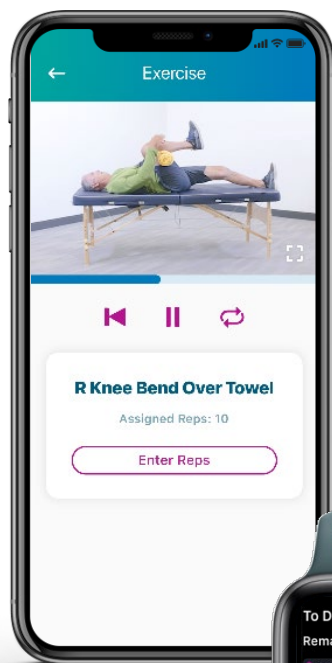
A Protocol



Education



PROMs



Exercises



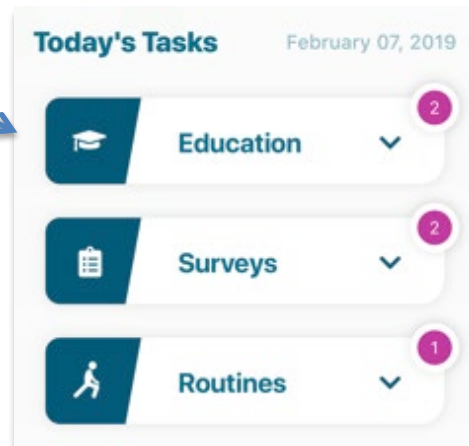
Day	Date	Type	Title
-30	2/10/19	Education	Welcome to mymobility!
-30	2/10/19	Education	Your Care Team
-30	2/10/19	Education	Why You Are Having Knee Surgery
-30	2/10/19	Education	What Is a Knee Replacement?
-29	2/11/19	Education	Your Coach
-29	2/11/19	Education	Stop Smoking
-29	2/11/19	Exercises	Morning Routine: Left TKA (Level 1) (7 exercises)
-29	2/11/19	Exercises	Afternoon Routine: Left TKA (Level 1) (7 exercises)
-28	2/12/19	Education	Remember to Prepare Your Home
-28	2/12/19	Education	Preparing for Your Return Home
-28	2/12/19	Exercises	Morning Routine: Left TKA (Level 1) (7 exercises)
-28	2/12/19	Exercises	Afternoon Routine: Left TKA (Level 1) (7 exercises)



mymobility

Patient App

Daily Patient To Do List

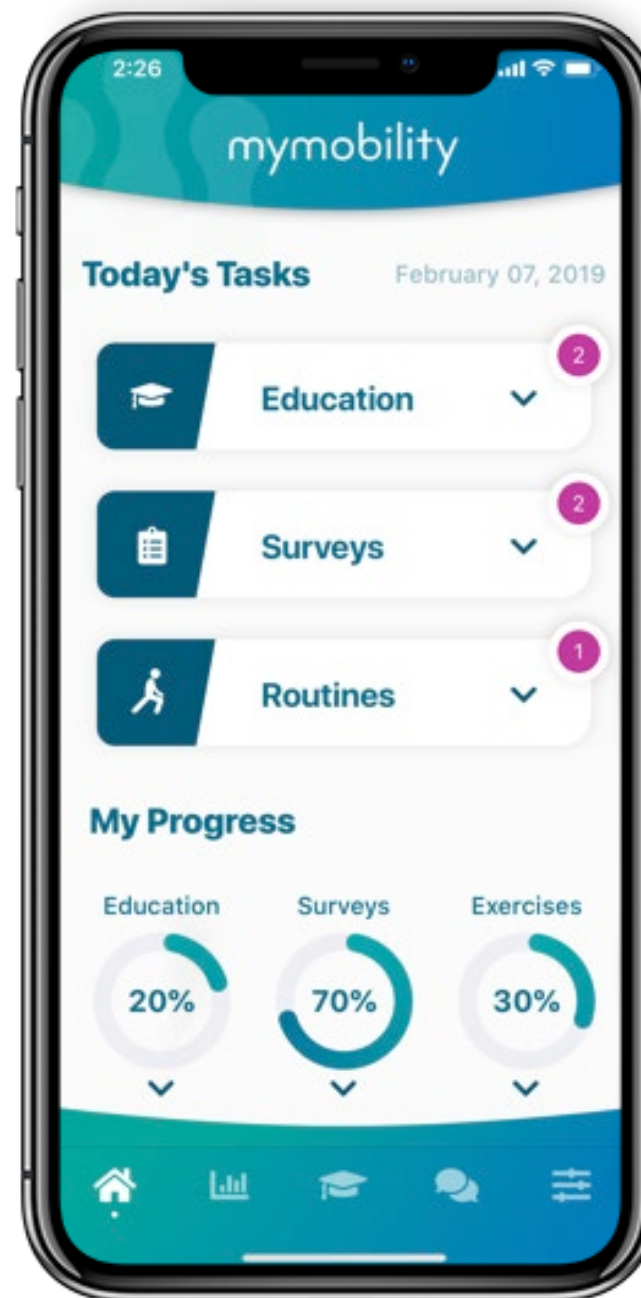


Activity count remaining

Progress tracking by category



Easy to use navigation bar always present



mymobility Watch App



Sensor Data
Storage in
HealthKit

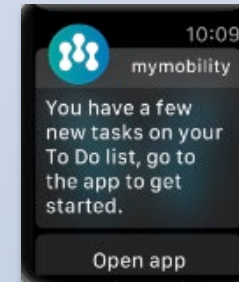
HealthKit



Summary
To Do List



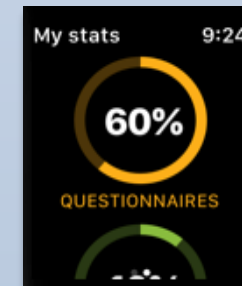
HealthKit data +
Mymobility iPhone App
Data delivered to
Mymobility Watch App



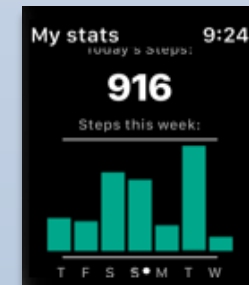
Notifications
& Reminders



Step, Stand, Stair
Count



Therapy
Compliance



Weekly Step Summary



Location

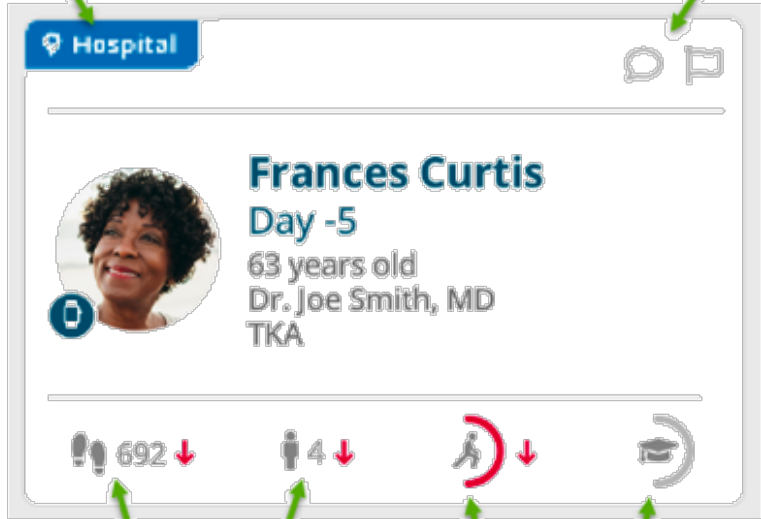
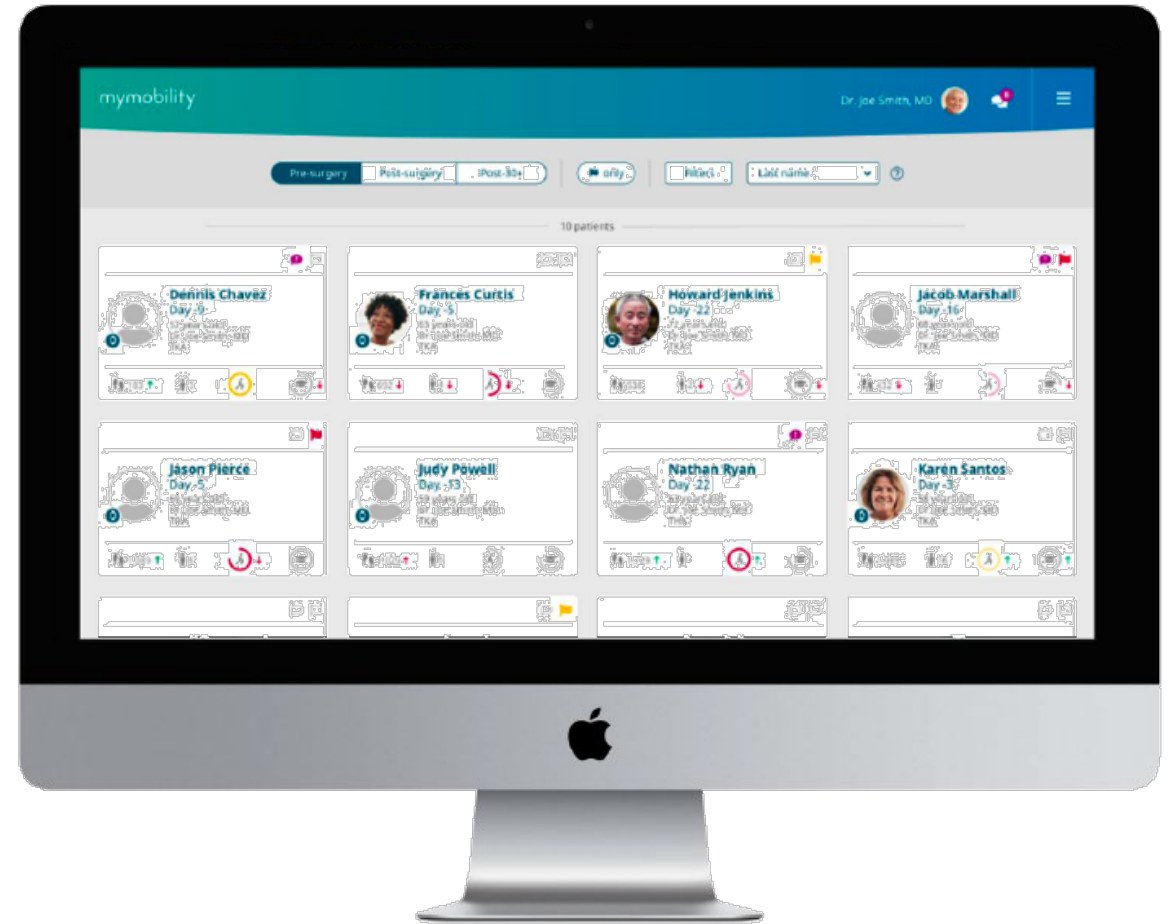
Messages and Actions

Hospital

Frances Curtis
Day -5
63 years old
Dr. Joe Smith, MD
TKA

Activity Levels And Trends

Exercise + Education Compliance and Trends

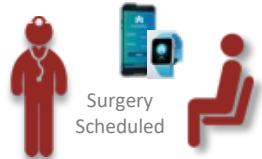


MYMOBILITY WITH APPLE WATCH

Clinical Team Oversight



Karen Hill
68 years old, Female



Surgery
-30

Pre Operative



Surgery
-15



Surgery
-3



Surgery



Surgery
+3



Surgery
+15

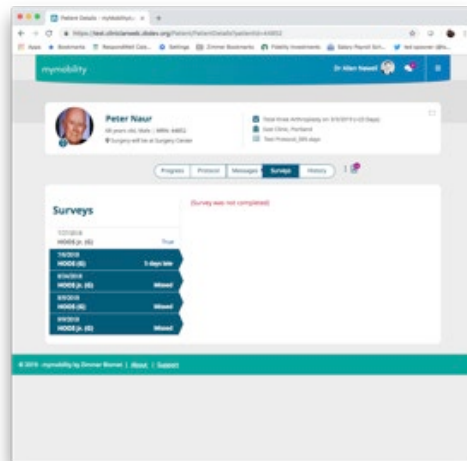


Surgery
+45

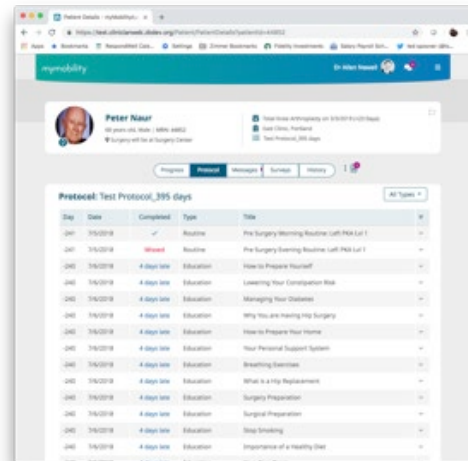


Surgery
+60

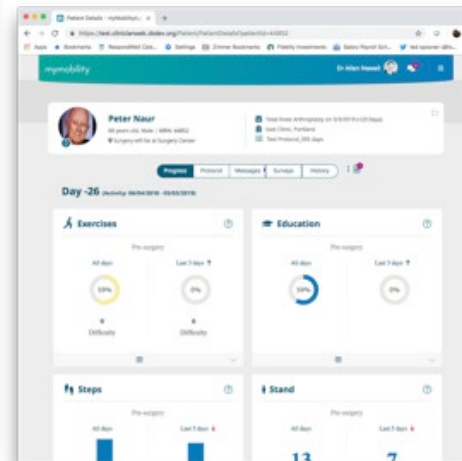
Post Operative



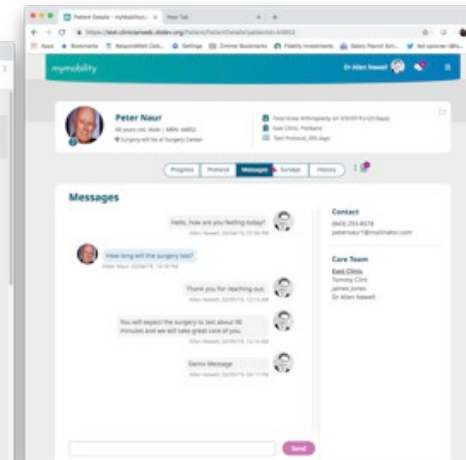
Prescribed Surveys



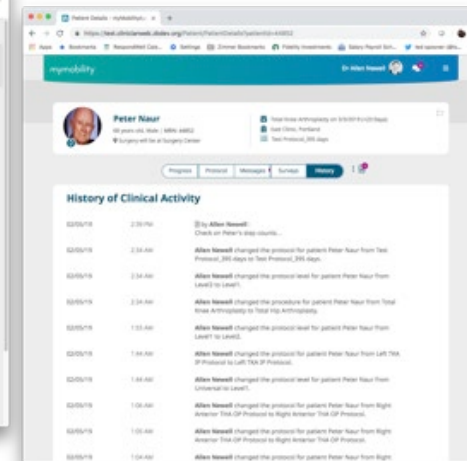
Therapy Protocol History



Patient Engagement
Status



Secure Patient
Communication



Clinical History





MYMOBILITY WITH APPLE WATCH

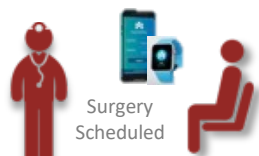
Personalized Episode of Care Support



Karen Hill
68 years old, Female

Pre Operative

Post Operative



Surgery
-30



Surgery
-15



Surgery
-3



Surgery
+3



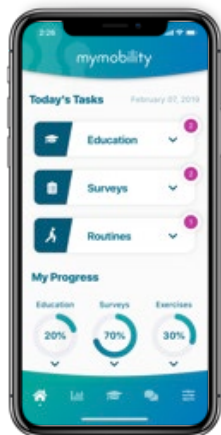
Surgery
+15



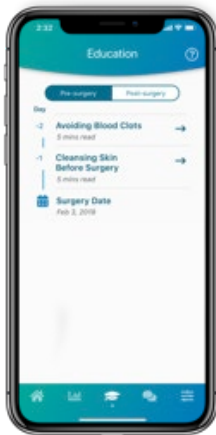
Surgery
+45



Surgery
+60



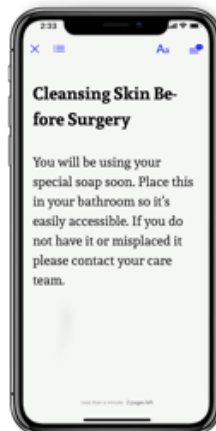
Daily
To Do
List



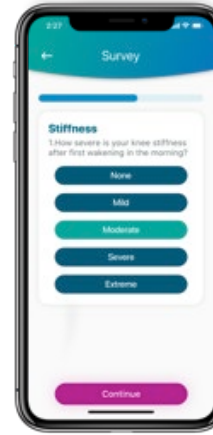
Patient Education



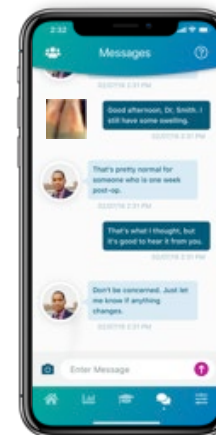
Reminders &
Notifications



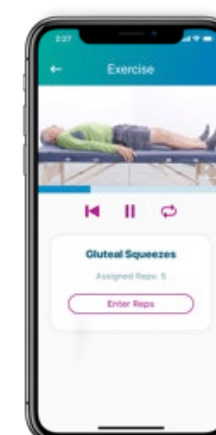
Patient Education



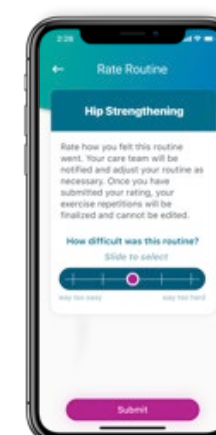
PROMS
Questionnaires
Pain Scores



HIPPA-Secure
Care Team
Messaging



Personalized
Therapy



Patient
Feedback



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MYMOBILITY WITH APPLE WATCH

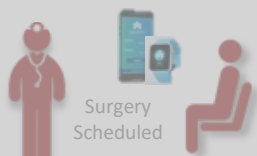
Personalized Episode of Care Support



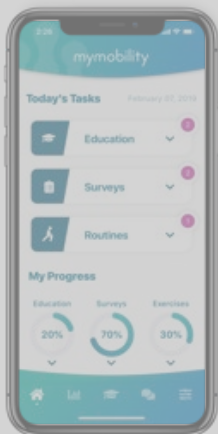
Karen Hill
68 years old, Female

Pre Operative

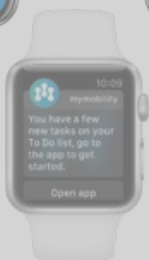
Post Operative



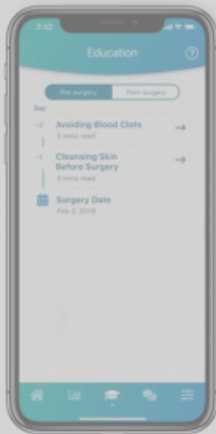
Surgery
-30



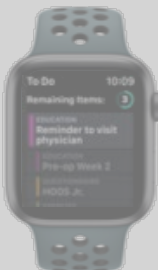
Daily
To Do
List



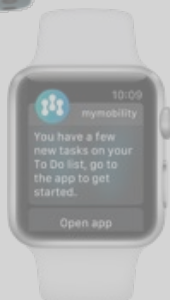
Patient Education



Surgery
-15



Reminders &
Notifications



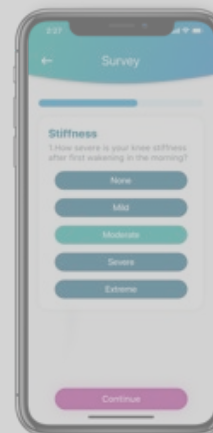
Surgery
-3



Patient Education



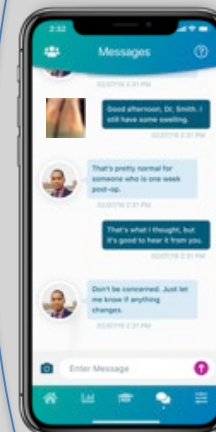
Surgery
+3



PROMS
Questionnaires
Pain Scores



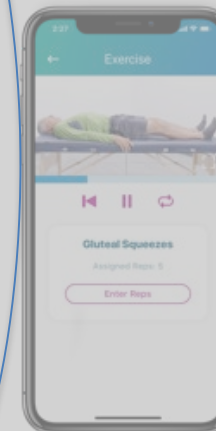
Surgery
+15



HIPPA-Secure
Care Team
Messaging



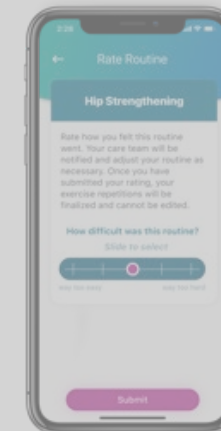
Surgery
+45



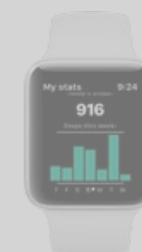
Personalized
Therapy



Surgery
+60

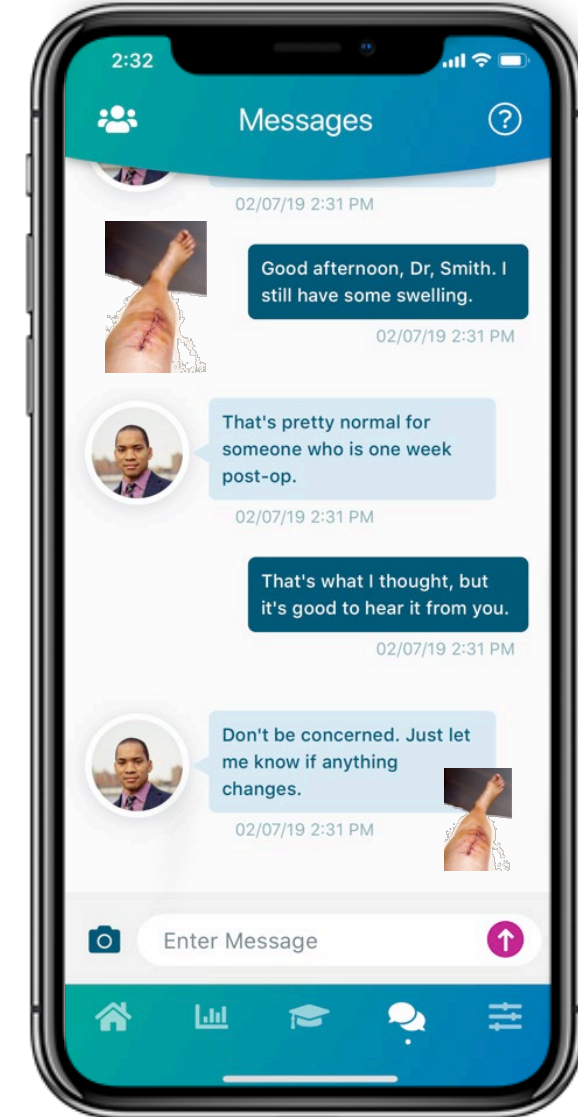
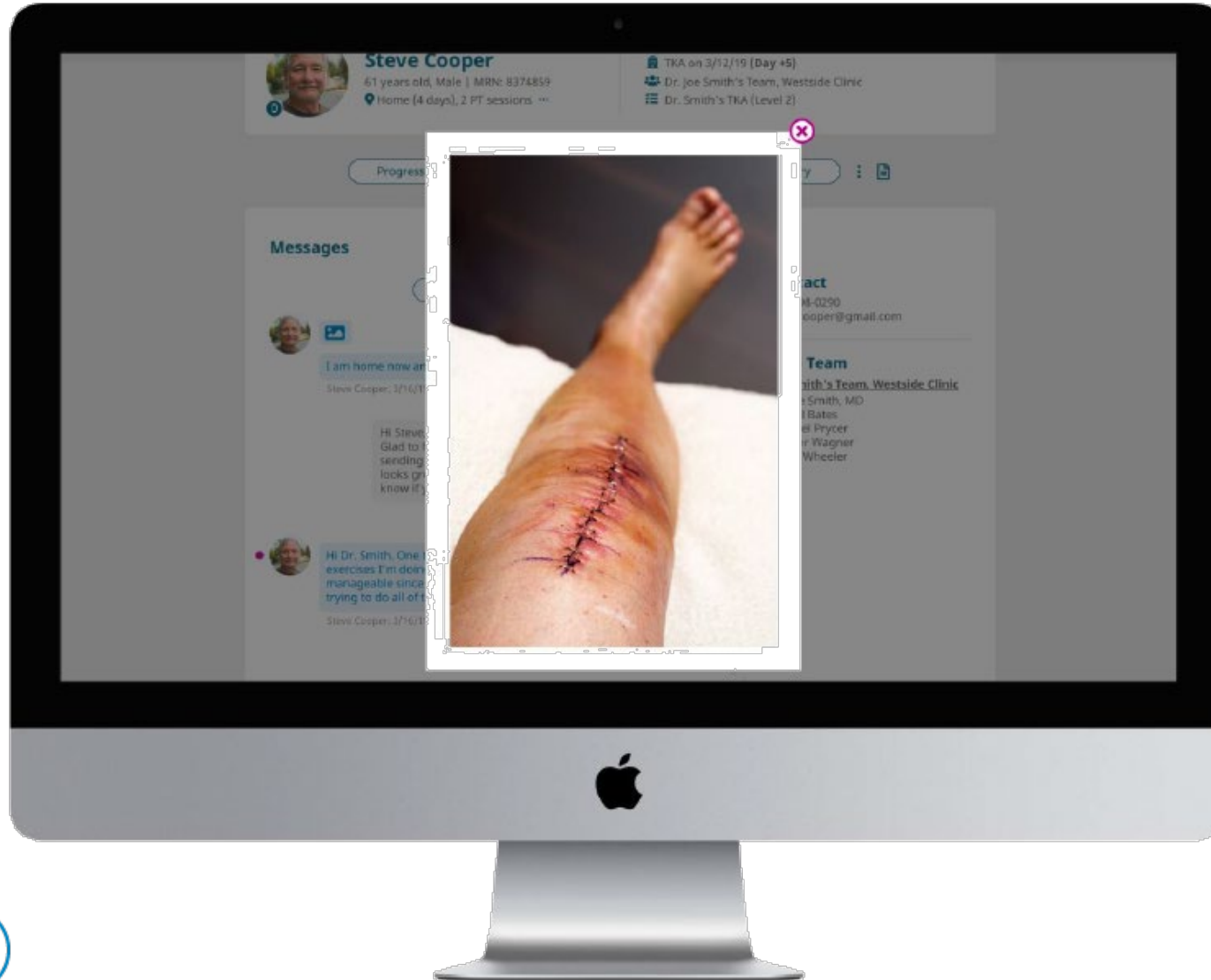


Patient
Feedback



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Encrypted Picture, Video and Text Messaging





ZIMMER BIOMET

mymobility with Apple Watch