

The Medical Brain

AI Clinical Assistant for Orthopedics

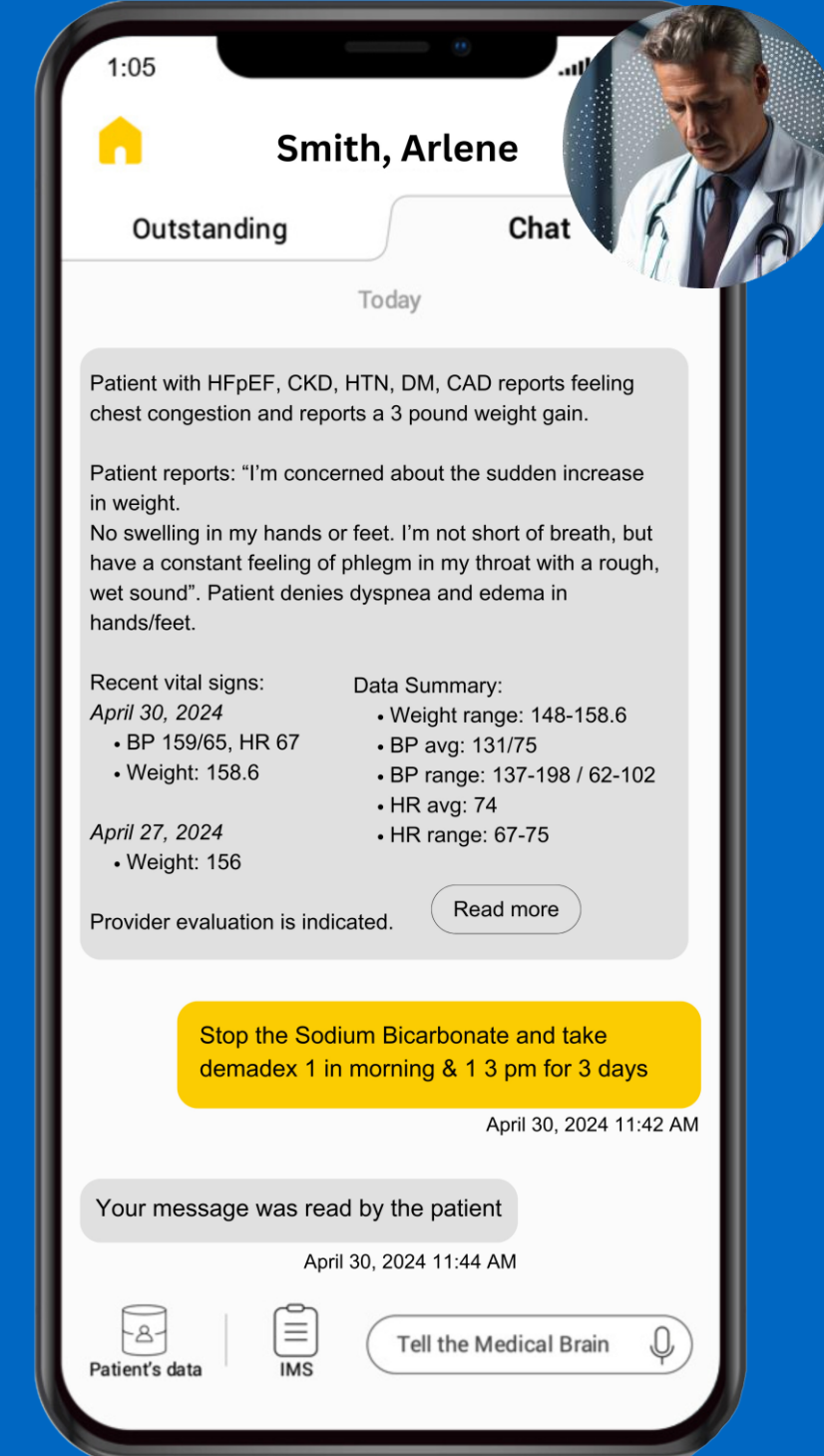
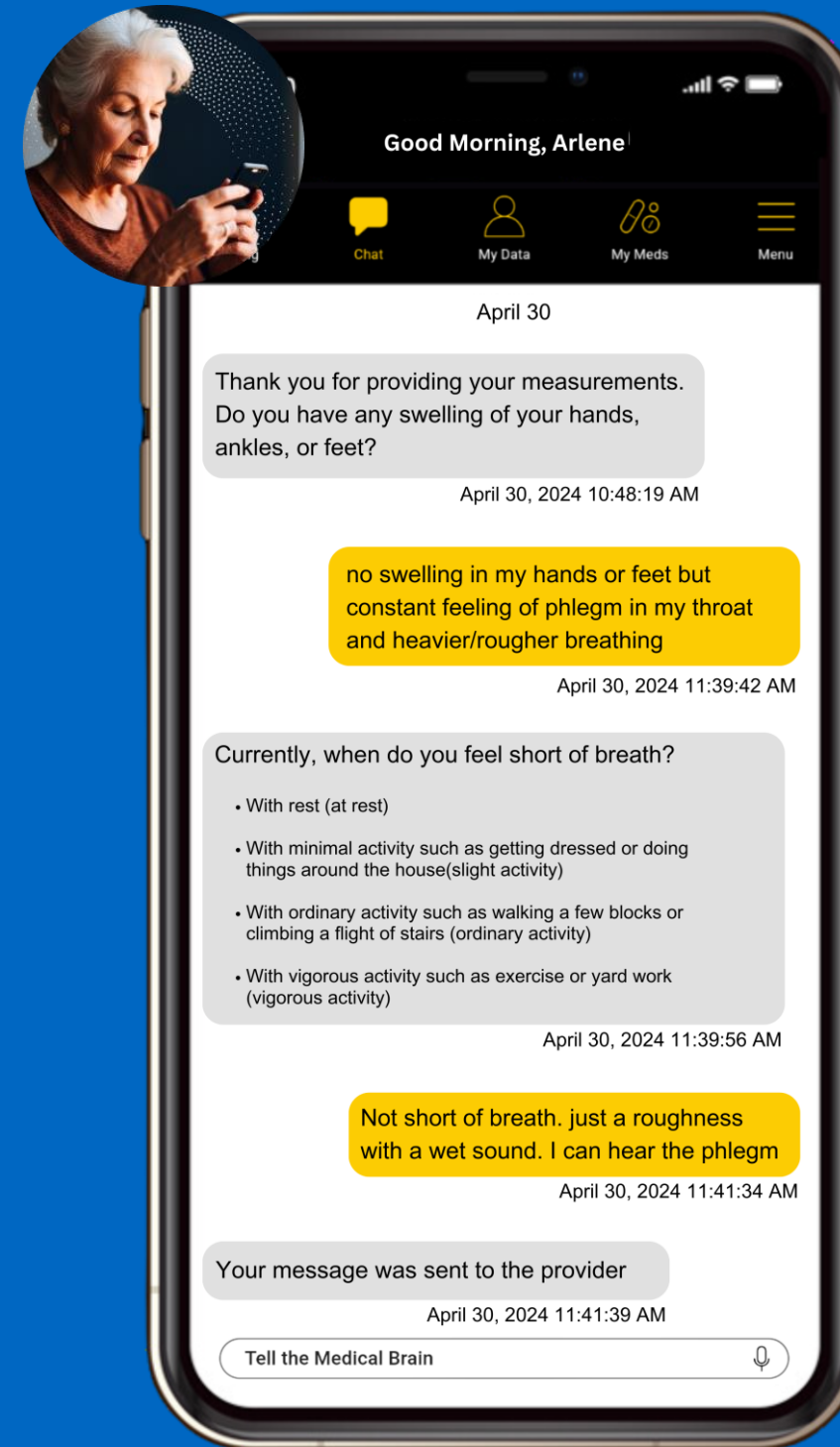


AI Clinical Assistant

- Seamlessly connects with EMR and workflow
- Monitors patients 24/7
- Identifies health risks, gaps, delays, errors in real-time
- Notifies providers only when needed
- Orchestrates care between patient, provider and office

Automates 92% of provider communications

24/7 Real-Time Automated Care





Medical Brain for Orthopedics Process & Impact

Pre-Op

- Automated Surgical Screening
- 24/7 Medical Management
- Medical Optimization
- Surgical Prep Coordination

Post-Op Recovery

- Continuous post-op monitoring
- Early detection of complications
- Real-time care coordination
- Strict disease management

Outcomes

- **Timely Surgical Procedures**
- **Reduced complications**
- **ER / Hospital visits averted**
- **92% reduced provider time**
- **62% reduced coordinators**

An Actual Case

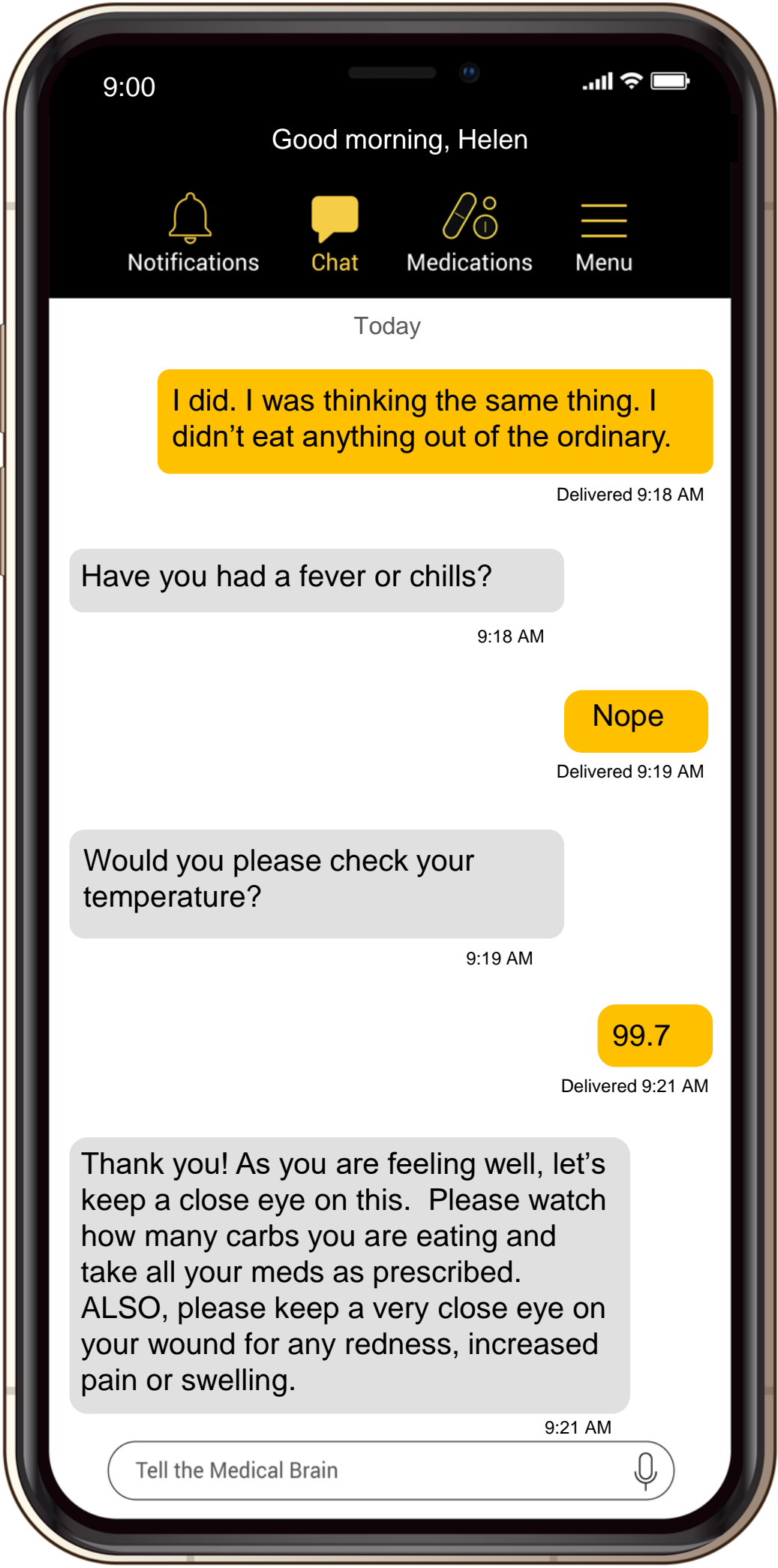
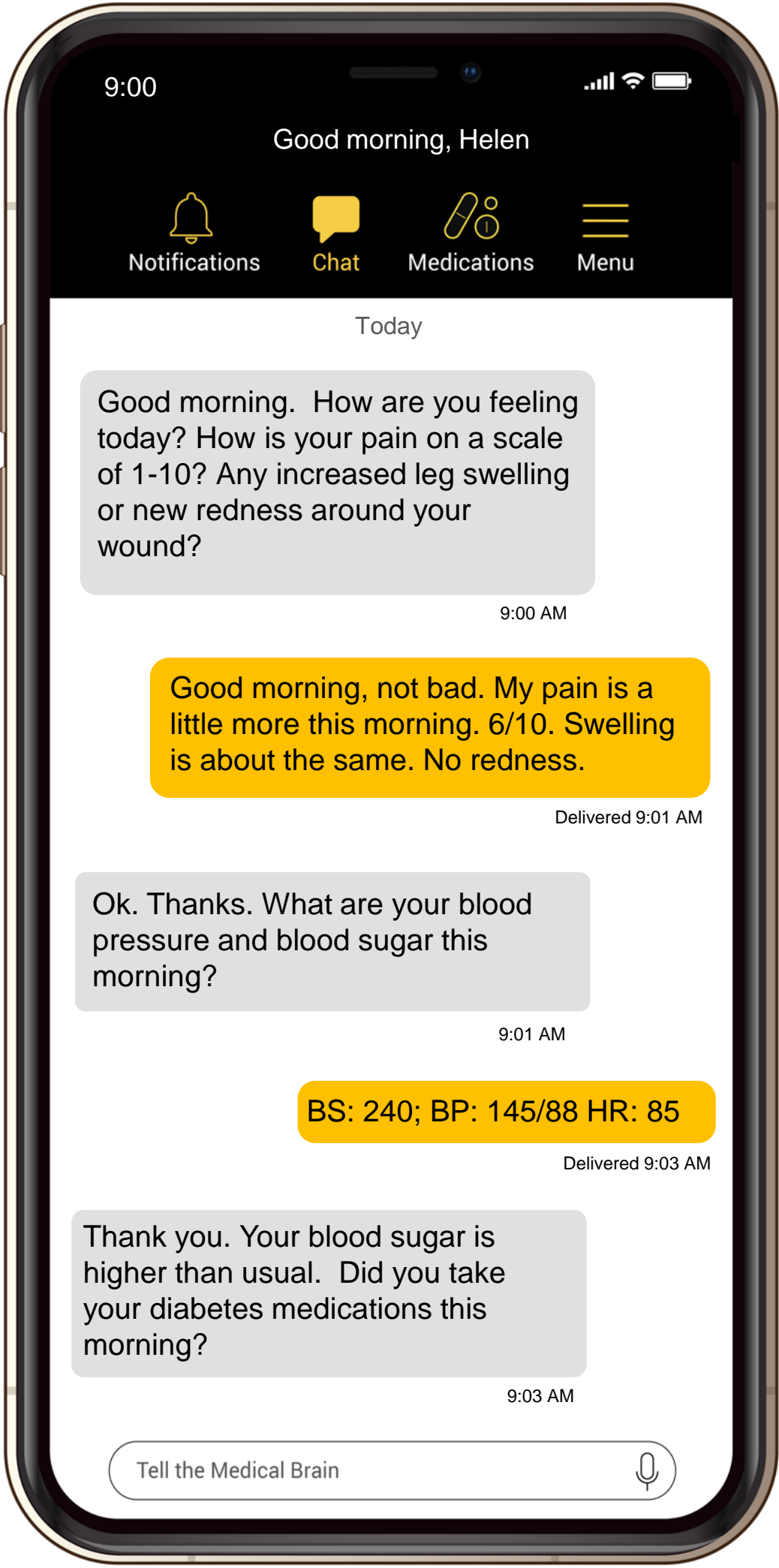
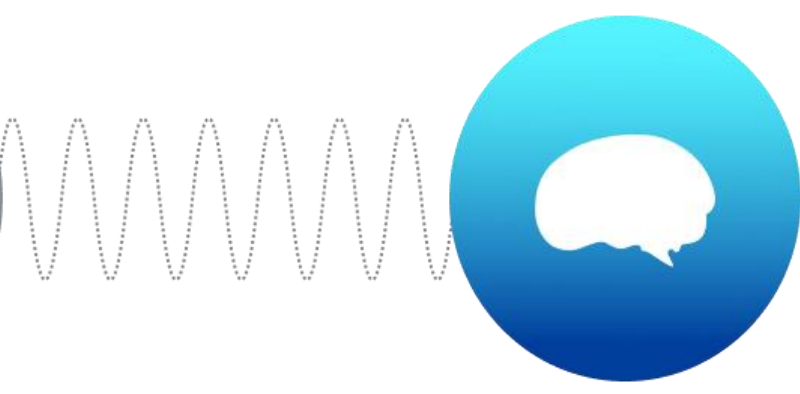
Helen

- 78-year-old Female
- Medical Brain proactively qualified her for the VBC program
- LEFT TKA (5/18/23)
- Medical optimization during pre-op period
 - Diabetes Mellitus stabilized with HgbA1c under 8
 - Smoking cessation confirmed
 - BMI WNL

CASE STUDY

Six Days Post-Op

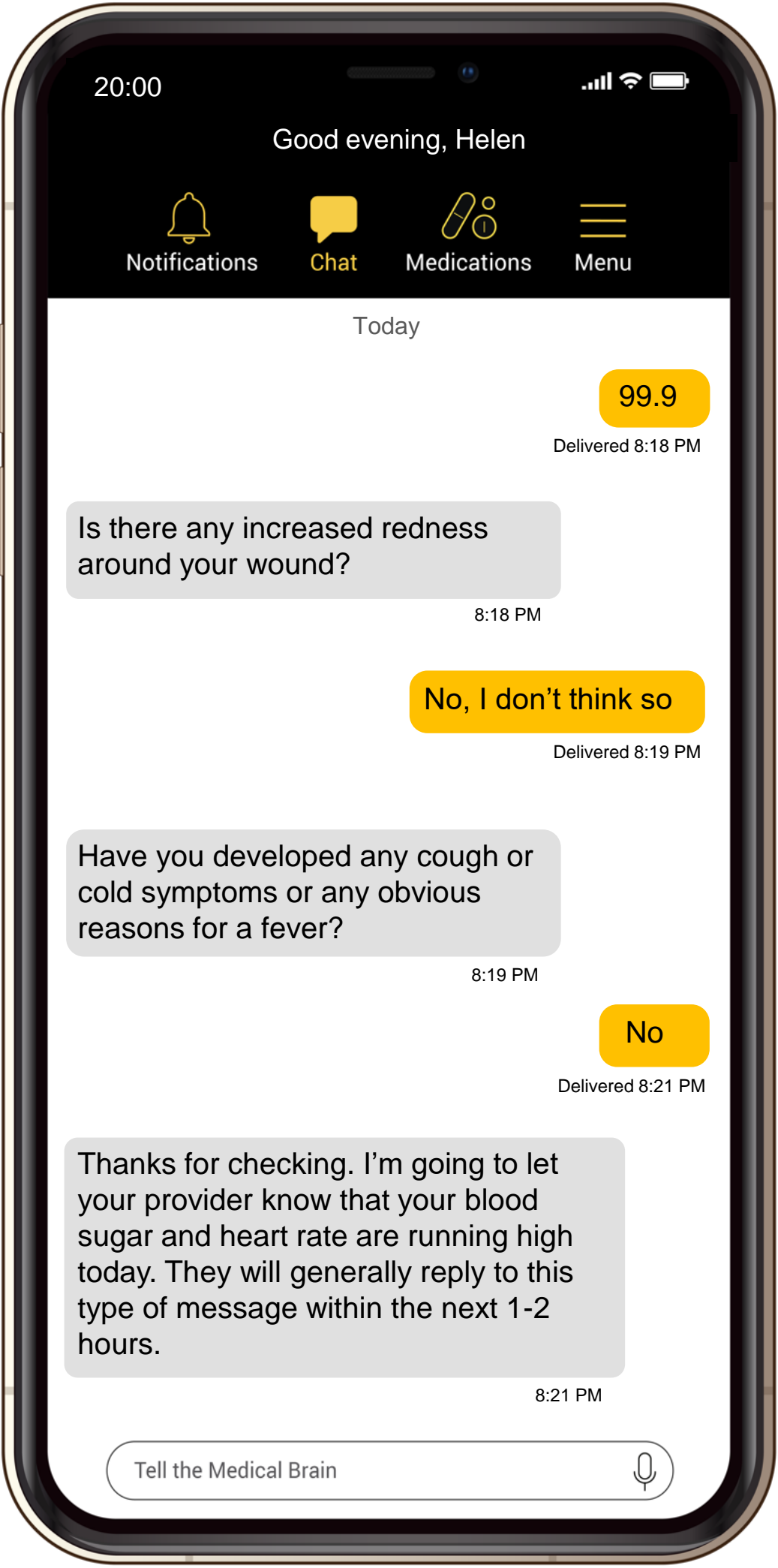
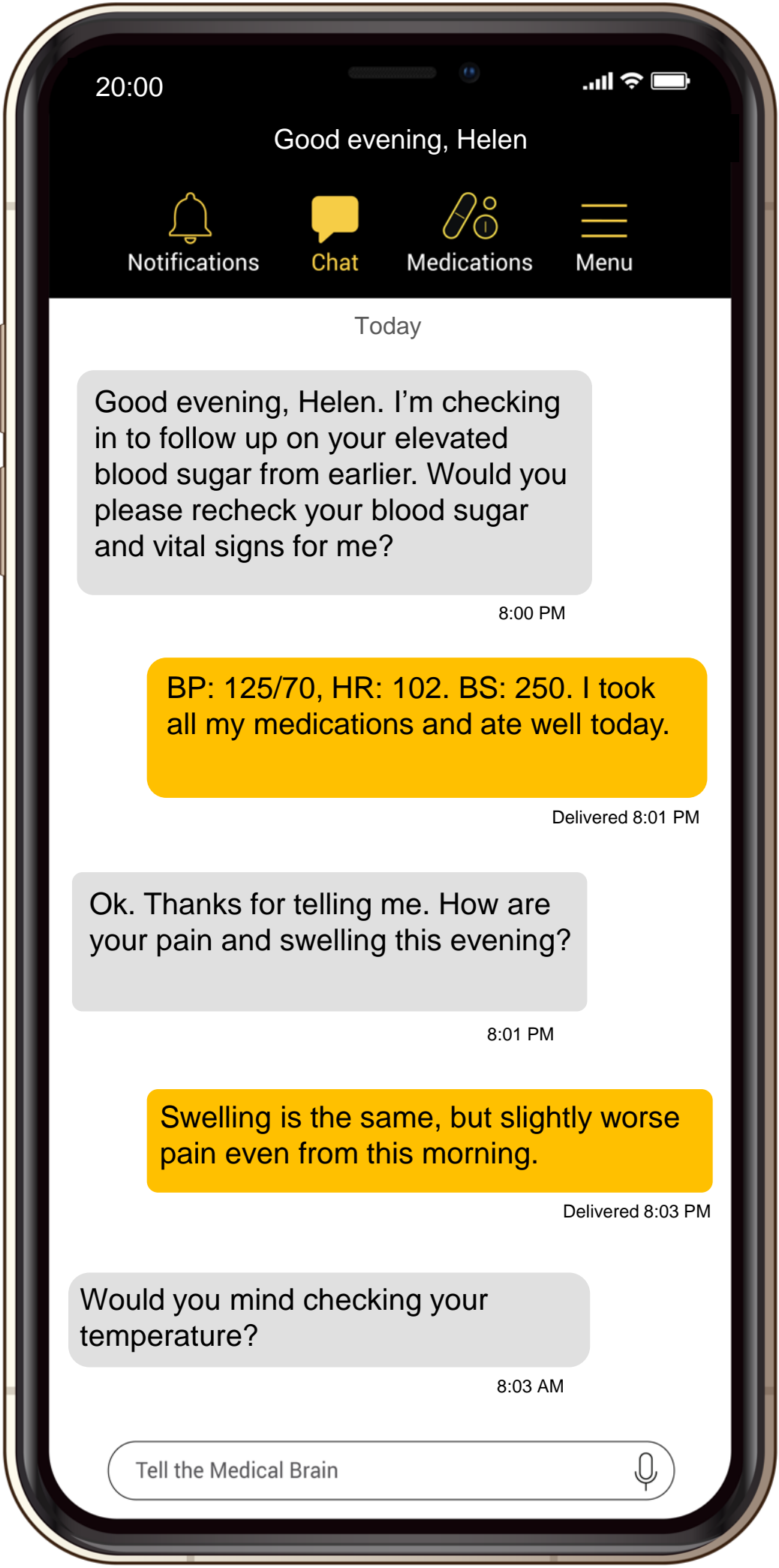
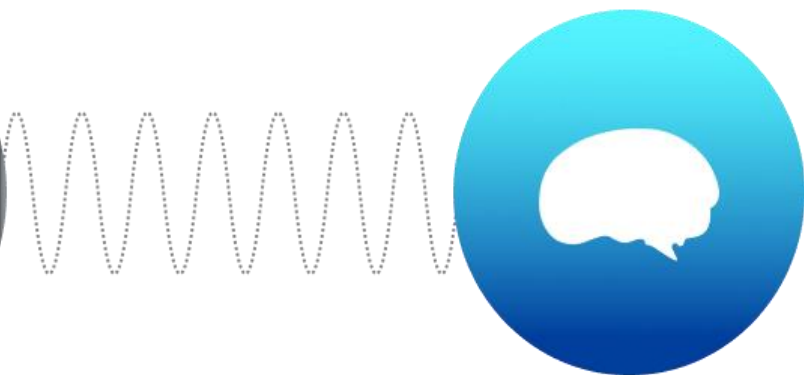
Patient chatting with the Medical Brain via App



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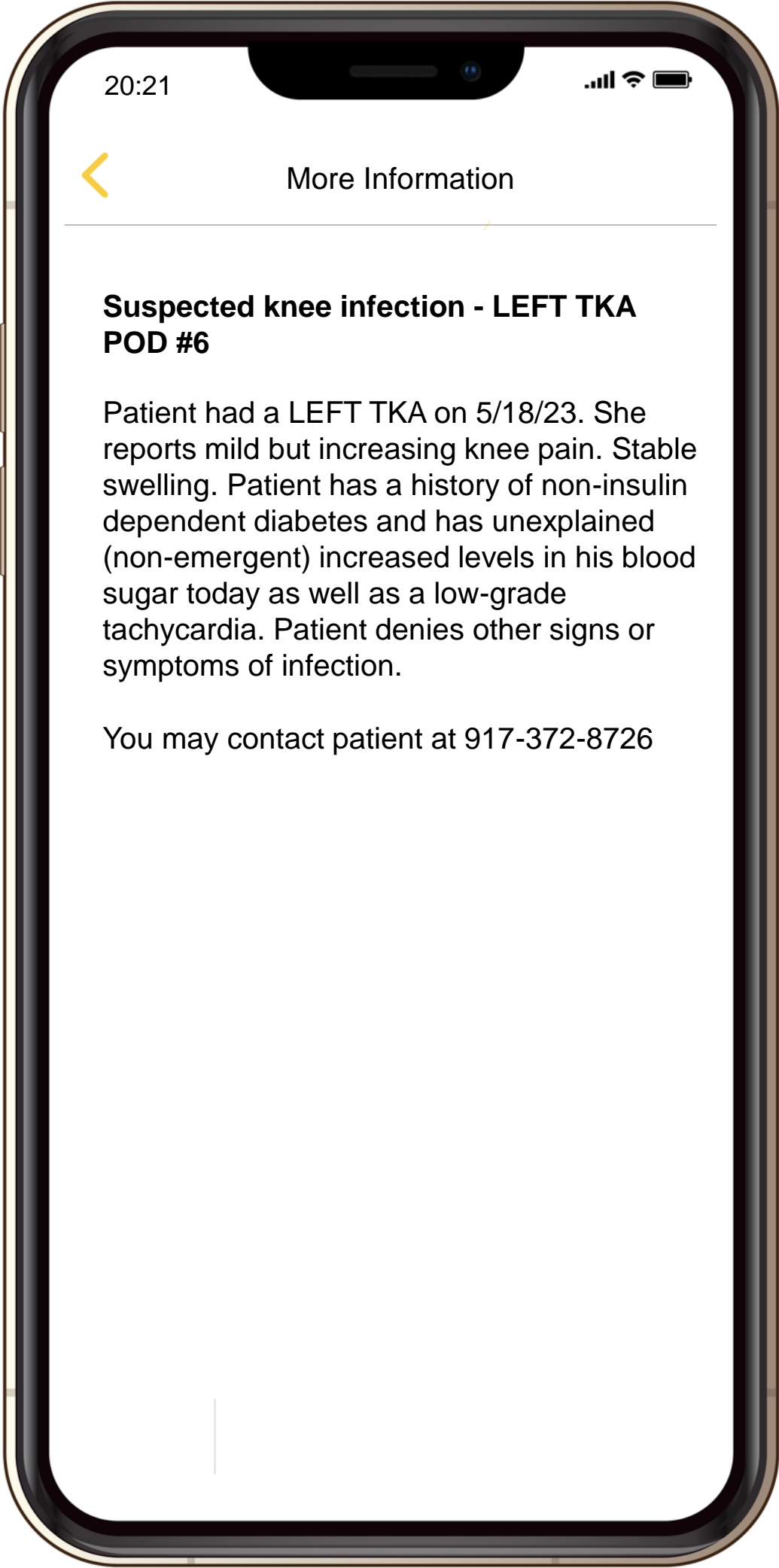
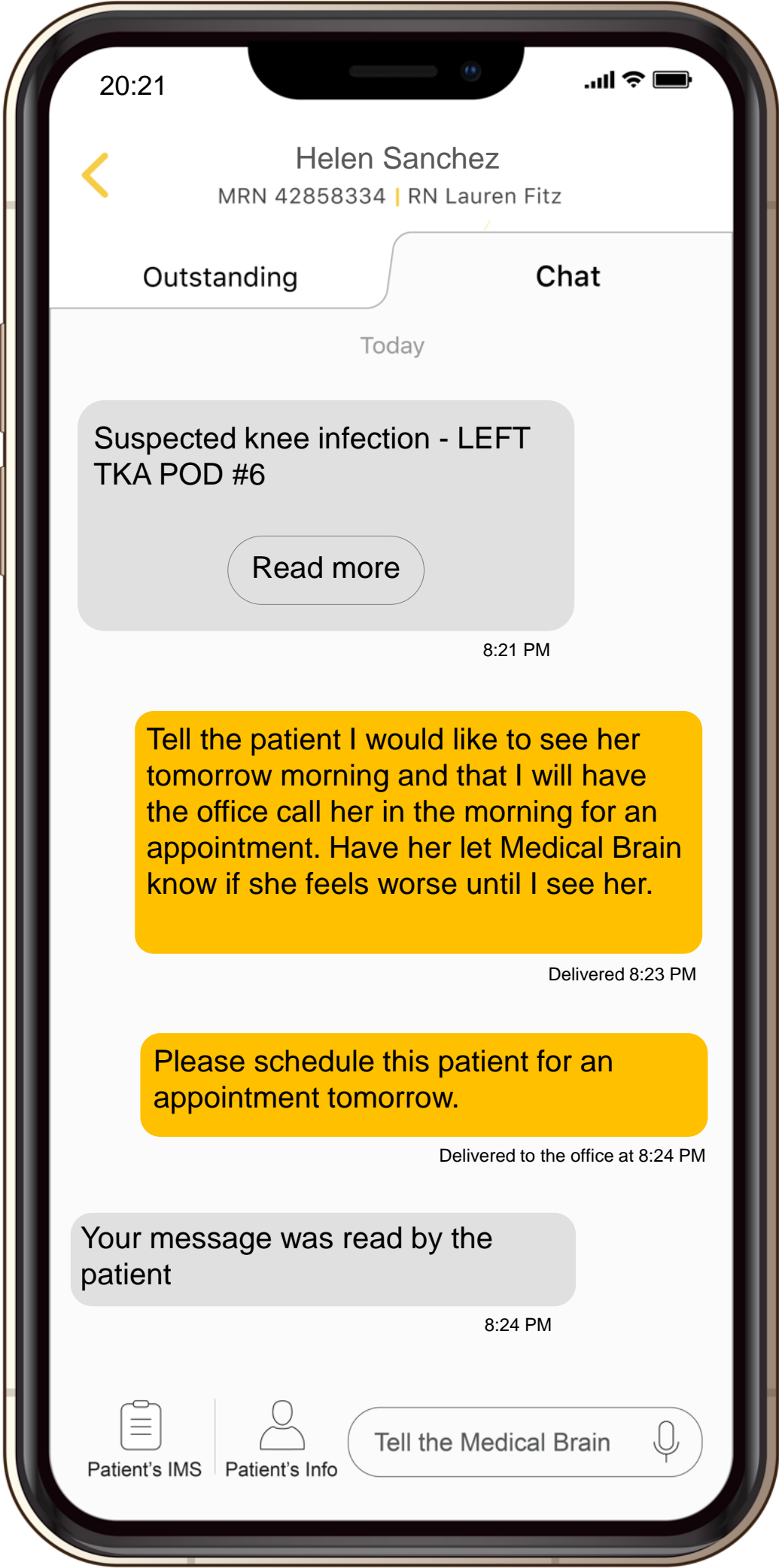
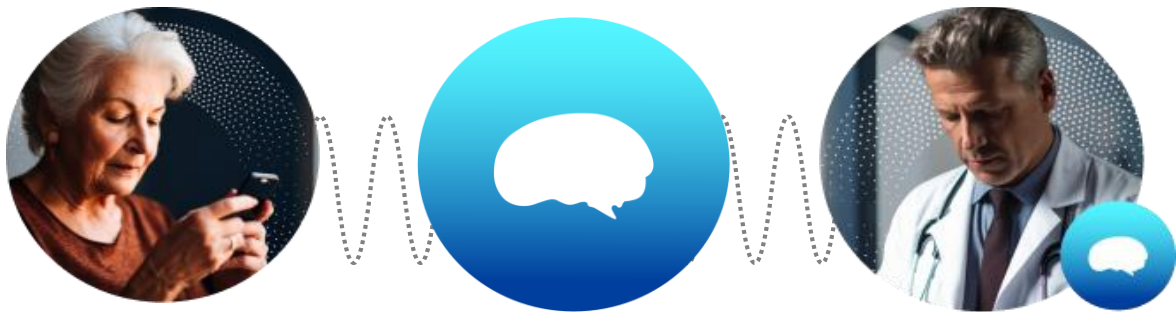
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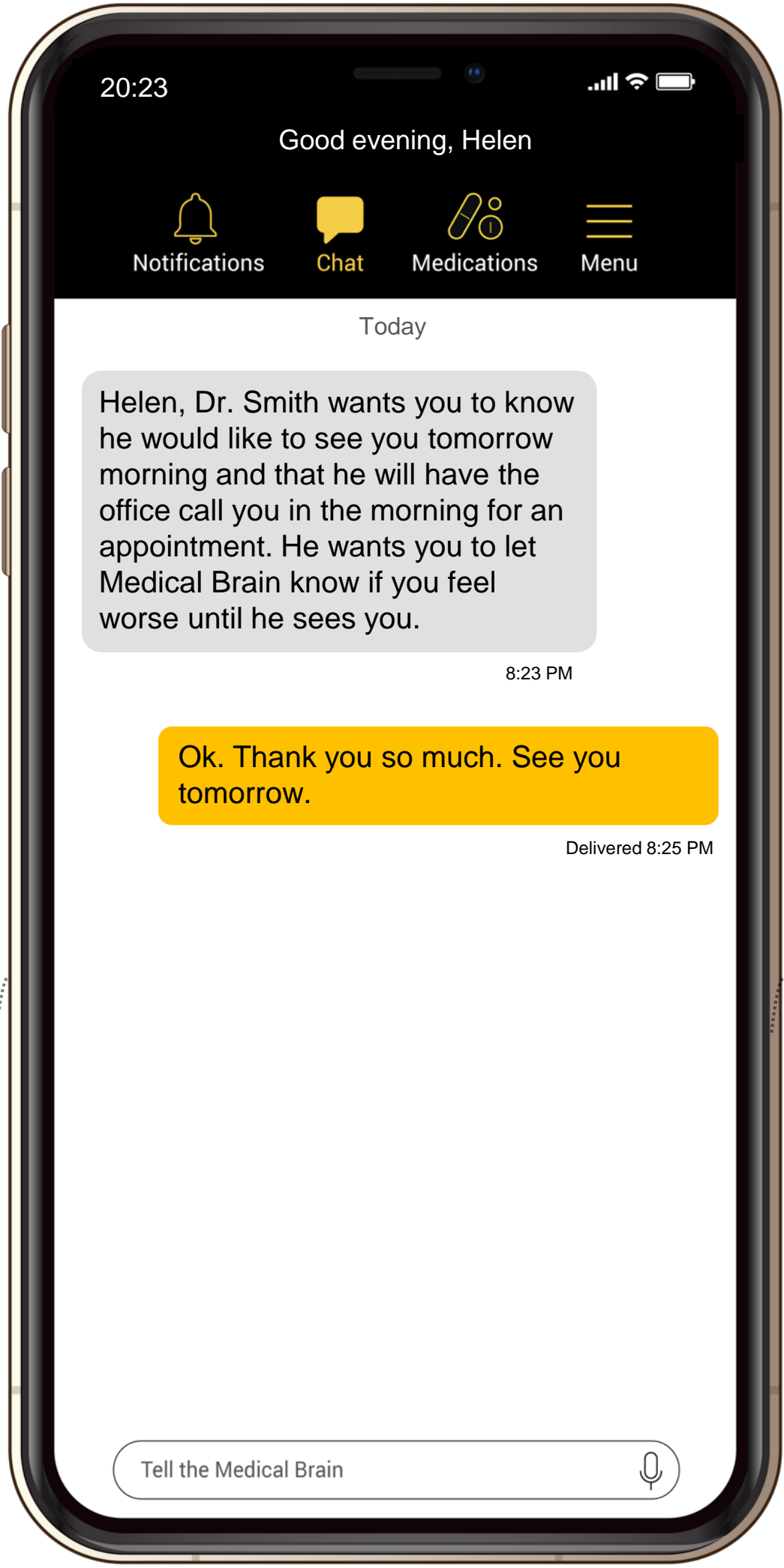
Six Days Post-Op

Medical Brain notifying provider



Six Days Post-Op

Patient chatting with the Medical Brain via App



Provider note sent to EHR:

Pt with mildly increased knee pain and unexplained BS elevations. Possibly low- grade temp. Knee appears to be healing normally. Follow up in 3 days. Check labs.



Medical Brain Prevented Complications For Helen - And Substantial Benefit For Her Provider



✓ Outcome For Helen

- Real-time detection of infection
- Early intervention to prevent further complications
- Control of medical conditions



✓ Outcome for Helen's Provider

- Surgical procedure on time, avoided cancellation
- Reduction of RN time and care manager FTEs by 60%
- ED/Hospitalization avoidance -\$15-20,000 saved
- 92% workload reduction
- Improved patient and provider satisfaction



**I Can't Imagine Life Without the
Medical Brain**



MedicalBrain

healthPrecision, Inc.

Larnold@healthprecision.com

medicalbrain.com