



Improving Patient Health Outcomes Across the Continuum of Care



Client Business Description

- ◇ PRO (Patient Reported Outcome) Platform for Post-Discharge Healthcare Services.

Background

- ◇ Given that patients are vulnerable post-discharge, PRO after leaving the hospital may improve clinical outcomes.
- ◇ Managing effective patient discharges and post-operative care is becoming a critical clinical service responsibility for hospitals today.

Challenge

- ◇ To record accurate Patient-reported Outcomes, technology relied on individual judgments and decisions to record progress.
- ◇ Patient-physician communication can be challenging, but presents a tremendous opportunity for improvement.

Idea

- ◇ Monitor patient health parameters using reliable Hi-Tech Health Wearables (like Fitbit, etc) after a certain period of care, when they have been discharged from in patient rehabilitation setting.
- ◇ Improving patient-physician communication will improve patient satisfaction.

Our Solution

- ◆ Developed Physician & Patient Apps on iOS platform, customizing Open EMR for the backend.
- ◆ Patient app integrates with hardware like Fitbit Aria & Fitbit Flex.
- ◆ The app provides Physician access to longitudinal view of a patient's treatment history. Physicians can review Patient's biostatistics parameters like BP, Steps count, Sleep data, BMI etc.

Technologies Used

- OpenEMR (www.openemr.org)
- Fitbit Flex Wristband / Aria Smartscale
- AWS
- IOS
- PHP / MySQL



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