**PROBLEM**

*No access to patient-reported outcomes*

Quality in spine surgery has traditionally been determined by the technique and accuracy of the surgeons. Little has been done to reflect the quality based on the patients' long-term wellbeing. Patient-reported outcomes (PROs) bridge that gap by providing patient assessments of their function and wellbeing before and after spine surgery. How should this data be accessed in the context of quality improvement?

**SOLUTION**

*The PROs in Practice Dashboard*

This online tool organizes patient-reported outcomes data into distinct views and provides functionality that enables clinicians to improve the quality of spine surgery.

**Overview of Outcomes**

Surgeons get a comprehensive overview of their spine patients’ decrease in disability and pain over three intervals after surgery.

**Analyze and Compare Outcomes**

Surgeons can identify how patient parameters affect outcomes and compare these to those of their peers in clinic and the network in general.

**APPROACH**

- Previous Research
- User Interviews
- Contextual Inquiry
- Usability Testing
- Prototyping