SURGONOMICS

FOR SURGEONS. BY SURGEONS.

THE PROBLEM

Despite a high prevalence of work related musculoskeletal disorders among surgeons, currently there are no mechanisms for reporting and tracking symptoms related to specific operations.

WHAT WE HAVE DONE

We developed a text-message based survey distribution platform that solicits pain scores from surgeons before and after cases. We have a database of 500 case-subject entries including preoperative and postoperative data.

NEXT STEPS

We will develop a predictive algorithm that can provide users with tailored recovery plans and strengthening exercises based on their symptom profile. These will be curated in collaboration with physical therapists.

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