

Implementation of an Orthopaedic Outcomes Registry in Collaboration With Sierra Pacific Orthopaedic & Spine Center

Researcher

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Abstract: An Evidence Based approach to healthcare is becoming increasingly important given the widespread changes in healthcare in the US. Clinicians need to provide evidence of the benefits patients experience under their care. Patient oriented outcomes are becoming widely recognized as the most appropriate assessment of patient outcome.

Utilizing my expertise in outcomes research I have developed an outcomes registry protocol for the physicians of Sierra Pacific Orthopaedic & Spine Center, thereby providing the physicians with the evidence they require, while allowing me to analyze and disseminate the data collected. We will collect data from patients with both upper extremity and lower extremity injuries, obtaining information related to each patient's pain, function, and satisfaction.

Data are collected pre-surgery, 4-6 weeks post-op, and 3, 6, 12 & 24 months post-op. Follow up data are collected via Qualtrics, or by phone or mail if required. This project has already developed opportunities for two undergraduate students and one graduate student to be involved in the process.

This partnership will result in an extensive data set that will span several years and will answer any number of research questions posed by the physicians or myself. Furthermore, I expect that it will generate multiple publications in the area of clinical outcomes research. The support I have received from the college has allowed me to support a student assistant to assist with the study. In addition to dissemination via conference presentations and refereed journal publications, future goals also include obtaining external funding.