

**Development of an Orthopedic Outcomes Registry in Collaboration
with Sierra Pacific Orthopaedic Center (SPOC)**

Researcher:

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Abstract

With the widespread changes in healthcare in our country, clinicians need to be able 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, and will implement this fall, an outcomes registry for the physicians of Sierra Pacific Orthopedics, thereby providing the physicians with the evidence they require, while allowing me to analyze and disseminate the data collected. This is a mutually advantageous partnership and has already developed opportunities for two undergraduate students and one graduate student in Kinesiology to be involved in the research process. The target population will include patients seeking orthopaedic care for shoulder, knee or hip injury. Data will be collected at the following seven time points: initial appointment, 6 weeks post-op, 3, 6, 12, and 24 months. Follow up data will be collected utilizing Qualtrics, or in certain circumstances mail or phone, depending upon the patient's preference. To confirm and advance my previous work in orthopedic outcomes, we will also collect each patient's self-reported functional demands to get a full picture of what is meaningful to each individual. 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.

My goals and objectives for this project over the next year are to:

1. Educate the physicians and clinic staff members on their roles in data collection.
2. Submit the project proposal for human subjects approval (Fall 2014).
3. Begin enrolling patients to initiate the registry and troubleshoot any unforeseen issues related to data collection.