

## Summary of research proposal LROI



### **Title:**

The influence of socioeconomic status, income and education on Patient Reported Outcome Measures in Hip and Knee Arthroplasty

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### **Abstract:**

Past studies have suggested that socioeconomic status may affect the use of surgery as treatment for arthritis, and its outcome. Patient-reported outcome measures are a frequently used tool to assess surgical outcomes but it is unknown whether these data are representative of patients of distinct socioeconomic status. In the present study, we aim to perform a retrospective study to assess the differences in PROM responses prior to surgery and after surgery by socioeconomic status. Based off of registry-data from other countries, we hypothesize lower responsiveness to PROMs in patients with low SES, poorer PROM scores prior to surgery, indicating more progressed disease state at surgery, and less improvement by surgery, indicating less perceived benefits of surgery.

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