

Dr. Martin Bouliane

"Total versus Reverse Shoulder Arthroplasty: A Pilot Randomized Control Trial"

The CERVASA Trial, or the Clinical Evaluation of Reverse versus Anatomic Shoulder Arthroplasty: A Pilot Randomized Control Trial is aimed at investigating the short-term patient reported outcomes of Reverse or Anatomic shoulder Arthroplasty in patients with intact rotator cuff and minimal glenoid deformity. There seems to be a trend to default to reverse shoulder arthroplasty in the over 65 population, and this study will evaluate whether this trend is justified from both a clinical and health economic perspective. It is the hope that the results of this SURGE (Shoulder and Upper Extremity Research Group of Edmonton) pilot randomized trial will support a large multicenter randomized controlled trial and also include more significant glenoid deformities. This study is also in a large part the product of collaborative work with Dr. Peter Lapner in Ottawa, who is also conducting a similar trial, but included in this are significant deformities that require augmented glenoid components.

Enrollment for the CERVASA Trial has commenced and is expected to take approximately 12 to 18 months to complete.