

Research Project Details	
Title	Retrospective Evaluation of a New Method of Shoulder Surgery: The “Openscopic Method”
Investigator(s)	Dr. Rich Boorman, University of Calgary
Funding Period	2022-2024
Budget	\$32,578.70
Issue/Rationale	<p>The “Openscopic Method” is a minimally invasive, highly versatile, efficient, and effective technique of shoulder surgery, that harnesses the diagnostic and therapeutic advancements of arthroscopy with the technical ease and effectiveness of open surgery. It is a true hybrid technique that exploits the advantages of open and arthroscopic surgery methods and instruments. We intend to find if the safety of the procedure and outcomes following surgery using this technique are comparable to current open/mini-open/arthroscopic techniques.</p>
Objective(s)	<p>The purpose is to complete a retrospective case series study in order to evaluate the outcomes of patients who have undergone “Openscopic” surgery.</p> <p>The <b>primary outcome</b> will be the RC-QOL questionnaire at one year post-op.</p> <p><b>Secondary outcomes</b> will include:</p> <ul style="list-style-type: none"> <li>a) major complication rate (infection, nerve injury, re-operation rate.)</li> <li>b) minor complication rate (hematoma, etc.)</li> <li>c) Simple Shoulder Test (SST) at 1 year post-op</li> <li>d) Surgical times</li> </ul>
Anticipated Results/ Impact	<p>This technique could be proven to be both highly clinically and cost effective. It is relatively easy to learn by surgeons compared to all arthroscopic techniques. Patient outcomes could be improved, and average surgical times could be significantly reduced. Complication rates could also be reduced.</p>
Keywords	Rotator cuff repair, openscopic method, safety, outcome research, retrospective case series