

# Graeme Matthewson MD

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## EDUCATION

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<b>Matthewson Orthopedics Inc</b> President, Surgeon Pasadena, CA, USA Burbank, CA, USA Corona, CA, USA	June 2024- Present
<b>Sports Orthopedic Surgeon</b> Pasadena Orthopedics Pasadena, CA, USA	March 19, 2024- Present
<b>Qualified Medical Examiner</b> California Medical Legal Specialists	February 2024- Present
<b>Sports Orthopedic Surgeon</b> Newport Care, Newport, CA, USA	January 2023- May 2024
<b>Mini fellowship/Junior Surgeonship</b> <b>Sports/Shoulder and Elbow</b> Independent Cases Complex case exposure Winnipeg, Manitoba Canada	October 2022- January 2023
<b>Locum work:</b> Northern Alberta, Canada	January 2022- August 2022
<b>Fellowship</b> Shoulder and Elbow Fellow California Pacific Orthopaedics San Francisco, CA	August 2021 – December 2021
<b>Fellowship:</b> Sports Fellow Southern California Orthopedic Institute (SCOI) Van Nuys, CA	July 2020- July 2021

**Orthopedic Surgery:**

Resident  
University of Manitoba  
July 2015 –  
July 2020

Winnipeg, Manitoba

**Orthopedic Surgery:**

Internship  
University of Saskatchewan  
Saskatoon, Saskatchewan  
July 2014 –  
July 2015

**Doctor of Medicine:**

University of Calgary  
Calgary, Alberta  
August 2011-  
May 2014

**Bachelor of Science General**

University of Manitoba  
Winnipeg Manitoba  
Sept. 2005-  
May 2011

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**REARCH GRANTS**

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Alexander Gibson award: \$5,000 research grant for master thesis  
entitled: "EMG Analysis of Deltoid and Adductor Function in Reverse  
Shoulder Arthroplasty". Supervisors: Dr. Jeff Leiter and Dr. Jason Old. 2017

Alexander Gibson award: \$10,000 research grant for the proposal  
entitled: "Epidemiology of ICU Admissions Following Arthroplasty: A  
Provincial Review". Supervisor: Dr. Jeff Leiter and Dr. Peter Macdonald 2018

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**RESEARCH – Publications**

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- Matthewson G**, Beach CJ, Nelson AA, Woodmass JM, Ono Y, Boorman RS, Lo IK, Thornton GM. “Partial Thickness Rotator Cuff Tears: Current Concepts” *Advances in Orthopedics* 2015
- Woodmass JM, **Matthewson G**, Ono Y, Bois AJ, Boorman RS, Lo IK, Thornton GM. “Suture Locking of Isolated internal Locking Knotless Suture Anchors is Not Affected by Bone Quality” *Open Access Journal Sports Medicine* 2015
- Matthewson, G**, Larrivee, S, Clark, T. Complex “Perilunate Fracture Dislocation Treated with Three Corner Fusion: A Case Report” *Case Reports in Orthopedics* May 2018
- Larrivee, S, **Matthewson, G**, Barron, L. “Closed Reduction of an Acute Volar Dislocation of the Distal Radio-Ulnar Joint by a Modified Technique” *Case Reports in Orthopedics* July 2018
- Matthewson, G**; Kwapisz, A, Macdonald P. “Vascular Injury in the Multi-ligament Injured Knee” *Clinics in Sports Medicine*
- Wasserman, A., **Matthewson, G**. MacDonald, P. “Platelet-Rich Plasma and the Knee—Applications in Orthopedic Surgery” <https://doi.org/10.1007/s12178-018-9521-0> *Current Reviews in Musculoskeletal Medicine* 2018
- Matthewson G**, Kooner, S, Kwapisz, A, Old, J, Leiter, J, MacDonald P. “The Effect of Subscapularis Repair on Dislocation Rates in Reverse Shoulder Arthroplasty: A Meta-Analysis” *Journal of Shoulder and Elbow Surgery* 2019
- Matthewson, G**; Singh, M; Thompson, S. “Large Osteochondroma of the Scapula in a 2-Year-Old” *Journal of Case Reports in Pediatric Surgery* March 2019
- Lo, IK, **Matthewson Graeme**. “Editorial Commentary: Working Around the Coracoid - The Lighthouse to the Shoulder” 2019 *Arthroscopy: The Journal of Arthroscopic and Related Surgery -* 2019
- Matthewson G**, Kooner S, Rabbani R, Gottschalk T, Old J, Abou-Setta AM, Zarychanski R, Leiter J, MacDonald P, “Does ACL Reconstruction Increase the Incidence of Secondary Pathology in the Knee: A Systematic Review and Meta-analysis” *Clinical Journal of Sports Medicine* 2019

- Kooner S, Cinats D, Kwong C, **Matthewson G**, Dhaliwal G.  
“Conservative Treatment of Cubital Tunnel Syndrome: A Systematic  
Review” *Orthopedic  
Reviews  
2019*
- Matthewson G**, Wong, I “Posterior Capsular Reconstruction and  
Modified McLaughlin Procedure for the Chronic Posterior Dislocation” *Arthroscopic  
Techniques*
- Kong, J, **Matthewson, G**, Clark, T. “Wartenberg Syndrome: Diagnosis and  
Treatment” *Orthopaedics and  
Surgical Sports  
Medicine*
- Matthewson G**, Coady, K, Wong, I “Rotator Cuff Reconstruction Using a  
Fascia Lata Autograft in the Irreparable Rotator Cuff Tear” *Arthroscopic  
Techniques*
- Kooner S, Hallam D, **Matthewson G**, Byers, Desy N,  
“Ipsilateral Deltoid and Hand Compartment Syndrome: A Case  
Report and Review of the Literature” *JBJS Case  
Connector  
January 2020*

M. "Waste and Recycling Among Orthopedic Subspecialties"

*Canadian Journal  
of Surgery*

**Matthewson, G.** Macdonald, P. "Techniques for Femoral Socket Creation in ACL Reconstruction".

*Sports Medicine  
and Arthroscopy  
Review June 2020*

**Matthewson, G,** Gurney-Dunlop, Tanner, Clark, Tod "3 Corner Fusion for Complex Perilunate Fracture Dislocation". A case discussion and technique video.

*American Society  
for Surgery of the  
Hand Video  
Theater 2018*

**Matthewson, G,** Gurney-Dunlop, Tanner, Clark, Tod "3 Corner Fusion for Complex Perilunate Fracture Dislocation" A case discussion and technique video.

*American  
Academy of  
Orthopedic*

**Matthewson G,** Macdonald P "Pectoralis Major Transfer with Tibialis Anterior Allograft for Chronic Medial Scapular Winging" Accepted for AAOS Orthopedic Video Theater.

*Surgeons Video  
Theater 2019*

Tsuchiya S, Bois AJ, **Matthewson G**, Oiwa S, More KD, Lo IKY. The relationship between preoperative Goutallier stage and retear rates following posterosuperior rotator cuff repair: a systematic review.

*American  
Academy of  
Orthopedic  
Surgeons Video  
Theater 2020*

**Matthewson G,** Williams A, Macciachera M, Shahabinezhad A, Duong A, Ayeni OR. Effective Management Options for Treatment of Microinstability of the Hip: a Scoping Review

*Journal of  
Shoulder and  
Elbow Surgery.  
Feb 2023*

Cohen D, Ifabiyi M, **Matthewson G**, Simunovic N, Nault ML Safran M, Ayeni OR. The Radiographic Femoroepiphyseal Acetabular Roof (FEAR) Index Is a Reliable and Reproducible Diagnostic Tool in Patients Undergoing Hip-Preservation Surgery: A Systematic Review

*Curr Rev  
Musculoskelet Med  
Jan2023*

*Arthroscopy: The  
Journal of  
Arthroscopic and*

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**PRESENTATIONS**

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- Graeme Matthewson**, Dave Simon, and Gregory Stranges Sept. 2012  
“Treatment of a Multi-Ligament Injured Knee: A Case Report of Bicurciate Peel-Off Lesions” Status: presented to the Clinician Investigator Trainee Association of Canada Young Investigator Annual Forum. Ottawa, Ontario.
- Graeme Matthewson**, Dave Simon, and Gregory Stranges November 2012  
“Treatment of a Multi-Ligament Injured Knee: A Case Report of Bicurciate Peel-Off Lesions” University of Calgary Leaders in Medicine Annual Research Symposium. Calgary, AB.
- Graeme Matthewson**, University of Calgary’s Leaders in Medicine seminar on “The Reduction of Insulin Resistance Through a Novel Diet and Exercise Program” and how it can be integrated into practical public programs. Calgary, AB. March 2013
- Woodmass JM, **Matthewson G**, Ono Y, Bois AJ, Boorman RS, Lo IK, Thornton GM. University of Saskatchewan Surgery Resident Research Symposium. Saskatoon, SK. May 2015
- Woodmass JM, **Matthewson G**, Ono Y, Bois AJ, Boorman RS, Lo IK, Thornton GM. University Manitoba Surgery Resident Research Symposium. Winnipeg, MB. Sept. 2015
- Matthewson, G.** “The Case of A Healed Fracture Gone Too Far” Morbidity and Mortality Round for Manitoba Orthopedics. Winnipeg, MB. December 2015
- Matthewson G**, Leiter J. “Breathing Techniques to Reduce Stress Prior to the OR”. Combined University of Manitoba and Saskatchewan Resident Research Symposium. Winnipeg, MB. November 2016
- Matthewson G**, Old J, Leiter, J. Masters thesis: “EMG Analysis of Deltoid and Out of Phase Activation of Shoulder Musculature in Reverse Shoulder Arthroplasty: Methodology and Proposal” combined University of Manitoba and Saskatchewan Resident Research Symposium. Saskatoon, SK. November 2017

Kooner S, Hewison C, Sridharan S, Lui J, **Matthewson G**, Johal H, Clark M. “Waste and Recycling Among Orthopedic Subspecialties”. Resident Research Symposium. University of Calgary, Calgary, Alberta, Canada.

April 2018

**Matthewson G**, Kooner, S, Kwapisz, A, Old, J, Leiter, J, MacDonald P. “The Effect of Subscapularis Repair on Dislocation Rates in Reverse Shoulder Arthroplasty: A Meta-Analysis”. Canadian Orthopedic Residents Association (CORA) Annual Conference. Victoria, BC.

June 2018

<b>Matthewson G</b> , Kooner S, Rabbani R, Gottschalk T, Old J, Abou-Setta AM, Zarychanski R, Leiter J, MacDonald P. "Does a Delay in ACL Reconstruction Increase the Incidence of Secondary Pathology in the Knee?" A systematic review and Meta-analysis. Department of Surgery Research Day, Winnipeg, MB, CA	January 2019
Kooner S, Hewison C, Sridharan S, Lui J, <b>Matthewson G</b> , Johal H, Clark M. "Waste and Recycling Among Orthopedic Subspecialties". CORA Annual Conference.	June 2019
Wasserman A, <b>Matthewson G</b> , Macdonald P. "Platelet-Rich Plasma and the Knee Applications in Orthopedic Surgery". Canadian Association of Physical Medicine and Rehabilitation. Gatineau- Quebec, Canada	June 2019
Lenschow S, McRae S, <b>Matthewson G</b> , Leiter J, MacDonald, P. "Tunnel Widening in ACL Reconstruction Using a PLLA Versus a PLLA+TCP Interference Screw For Tibial Fixation: A Prospective Randomized Clinical Trial". COA Annual Conference.	June 2019
Kwapisz A, McRae S, Smyczynska, U, Koenig J, <b>Matthewson G</b> , Woodmass J, Verhylst F, Zhang Y, Stillwater L, Old J, Macdonald P. "Goutallier Classification Reliability May be Impacted by the Size of the Rotator Cuff Tear".	October 2020
Cohen D, Muyiwa Ifabiyi, <b>Matthewson G</b> , Simunovic N, Nault ML, Safran M, Ayeni O. The Radiographic Fear Index is a Useful Diagnostic Tool in Patients Undergoing Hip Preservation Surgery: A Systematic Review. ISAKOS 2023 Eposter	June 2023
<b>Matthewson G</b> , Williams A, Macciachera M, Shahabinezhad A, Duong A, Ayeni O. Effective Management Options for Treatment of Microinstability of the Hip: A Scoping Review. ISAKOS 2023 Eposter	June 2023

### **Videos**

<b>Matthewson G</b> , Clark C "3-Corner Fusion for Complex Perilunate Fracture Dislocation: A technical Video". <i>Manitoba Orthopedic Symposium</i>	October 2017
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<b>Matthewson, G</b> , Gurney-Dunlop, T, Clark, T. “3 Corner Fusion for Complex Perilunate Fracture Dislocation: A Case Discussion and Technique Video”. American Surgical Society for Hand Annual Conference.	September 2018
<b>Matthewson G</b> , Macdonald P, “Pectoralis Major Transfer for Medial Scapular Winging”. Manitoba Orthopedic Symposium. Winnipeg, MB.	October 2018
<b>Matthewson, G</b> , Gurney-Dunlop, T, Clark, T. “3 Corner Fusion for Complex Perilunate Fracture Dislocation: A Case Discussion and Technique Video”. American Academy of Orthopedic Surgeons Orthopedic Video Theatre. Las Vegas, NV.	March 2019

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### JOURNAL REVIEWER

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BMC Musculoskeletal Medicine	2018- current
Case Reports in Orthopedic Research	2019- current
Journal of Shoulder and Elbow Surgery	2018-current

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### CERTIFICATIONS

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American Board of Orthopedic Surgery Part 1	2021
Royal College of Physicians and Surgeons Orthopedic Surgery	2020
United States Medical Licensing Exam Step 2 CS	2018
Medical Council of Canada Part 2	2018
United States Medical Licensing Exam Step 2 CK	2018
United States Medical Licensing Exam Step 1	2017
Royal College of Physicians and Surgeons Surgical Foundations	2016
Medical Council of Canada Part 1	2014
Advanced Trauma Life Support	2014
Advanced Cardiovascular Life Support	2014
Basic Life Support	2012

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### MEMBERSHIPS

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California Orthopedic Association	2023- Present
American Society of Shoulder and Elbow Surgeons (Candidate Member)	2020- Present
Arthroscopic Association of North America (Fellow Member)	2019-Present
Arthroscopy Association of Canada (Associate Member)	2017- Present
Canadian Shoulder and Elbow Association (Associate Member)	2017- Present
Canadian Orthopaedic Association (Associate Member)	2014 – Present