



OTTAWA ORTHOPAEDICS QUARTERLY

Let us *Move You!*
Notre vie n'est que *mouvement!*

Vol 9 No. 1 | July 2025 | ISSN 2562-2072

**“Tell me and I forget. Teach
me and I remember. Involve
me and I learn.”**

~Benjamin Franklin



Steven R. Papp MD MSc FRCS
Head, Division of Orthopaedic Surgery
University of Ottawa

In this edition of the newsletter, you will notice once again the many successes of our division over the past few months. Although there are many successes to celebrate, I am always most proud of our graduates at this time of year.

I want to congratulate both **Dr. Taylor Woolnough** and **Dr. Marc-Antoine Ricard** on successfully completing their orthopaedic residency. They are both talented surgeons and great people and I feel very proud to call them graduates of our training program at the University of Ottawa. As many of you are aware, Marc-Antoine will be staying in Ottawa this year to do a Hand/Wrist fellowship before taking a position in the Montreal area. Taylor will be doing a trauma fellowship in Cincinnati this year. We are very happy that he will be returning to Ottawa to join our trauma team after the completion of his fellowship.

At the June Canadian Orthopaedic Association annual meeting, I saw a strong contingency of participation from our division presenting at the meeting. Congratulations to all the presenters, moderators, and award winners. Highlights of the meeting are included in this newsletter. A special congrats to all of the new leadership positions at the national level including **Dr. Kevin Smit** who was appointed President of CPOS and **Dr. J Pollock** who was selected as the next President Elect of CSES. A special congratulations to **Dr. Paul Beaulé** as he was named in the presidential line to be COA President Elect in 2027-2028. This will be the only second University of Ottawa surgeon to assume this leadership role. Congrats Paul and I am confident you will be awesome in this role. They made a great choice!

Our research engine continues to be successful. I want to congratulate **Dr. Hesham Abdelbary** on his successful appointment as a Tier 2 Clinical Research Chair through the University of Ottawa. In addition, you will see a list of many other grant recipients and award winners. A special thank you to **Kaitlyn Chambers** and **Dr. George Grammatopolous** for their leadership in our division.

I hope you are all enjoying your summer and get a chance to recharge for this academic year. I want to challenge all of our faculty, fellows and residents to making this year even more successful!

IN THIS ISSUE:

DIVISION NEWS
PAGE 2

HGH CORNER
PAGE 13

**VISITING
PROFESSORS**
PAGE 14

CQI CORNER
PAGE 16

RESEARCH NEWS
PAGE 17

PUBLICATIONS
PAGE 18

RESIDENT NEWS
PAGE 21

**FELLOWS'
CORNER**
PAGE 23

ALUMNI NEWS
PAGE 28



The Canadian Orthopaedic Association Annual Meeting was held from June 11-14, 2025 in Vancouver, British Columbia

Congratulations to all presenters! A very successful symposium on Periprosthetic Joint Infection (PJI) was moderated by **Dr. George Grammatopoulos, Dr. Simon Garceau and Dr. Hesham Abdelbary**.



From left to right: Dr. Jing Zhang, Dr. Tom Schmidt-Bräkling, Dr. George Grammatopoulos, Dr. Simon Garceau, Dr. Hesham Abdelbary

Dr. Grammatopoulos also gave the following lecture *"The Hip-Spine Interaction in Hip Arthroplasty: Defining its Importance and Identifying How Best to Incorporate it into Surgical Practice"* for which he was awarded the Canadian Orthopaedic Foundation's (COF) J. Édouard Samson Award in November 2024.



"COA Annual Meeting Highlights"



Dr. Kevin Smit was chosen as the President of the Canadian Paediatric Orthopaedic Society (CPOS).

Dr. Paul Beaulé was named 2nd President Elect of the Canadian Orthopaedic Association (COA) and will be taking on this role as of 2027.



Dr. J Pollock was selected as the next President Elect of the Canadian Shoulder and Elbow Society (CSES).

Dr. Alicia Kerrigan, Annagh Macie PhD, Allison Clouthier PhD, Dr. Magdalena Tarchala, Daniel Benoit PhD, Dr. Sasha Carsen were awarded the **Dr. Stephen Tredwell Award** for their presentation on "Quantifying Variations in Knee Mechanics Between Adolescents With and Without Patellofemoral Instability Using Patient-Specific Knee Models"



Dr. Sasha Carsen



Dr. Alicia Kerrigan



Dr. Magdalena Tarchala

A successful 15th symposium on joint preserving and minimally invasive surgery of the hip was held from June 5-7, 2025 in Quebec City

The planning committee included **Andrew Anderson PhD**, University of Utah, **Dr. Paul Beaulé**, University of Ottawa, **Dr. Étienne Belzile**, Université Laval, **Dr. Sasha Carsen**, University of Ottawa, **Dr. George Grammatopoulos**, University of Ottawa, **Stéphane Poitras PhD**, University of Ottawa.

This symposium has been attended by participants from over 15 countries. It has generated over 100 peer-reviewed publications in major orthopaedic journals: journal of bone and joint surgery, clinical orthopaedics and related research, journal of arthroplasty and orthopaedic clinics of North America.



The Ottawa Orthopaedic Open Golf Tournament was held on May 31, 2025 at the Gatineau Golf and Country Club

Congratulations to the winners! Thank you to all participants for braving the cold!

Winning group (2 under): **Dr. Steven Papp, Ryan Papp, Jon Casey, Tony Simmons**

Ladies longest drive: **Ayla Ambrose**

Ladies closest to the pin: **Alison Marshall**

Men's longest drive: **Dr. Eric Locke**

Men's closest to the pin: **Dr. Nicholas Tubin**



The Annual Hans K. Uthoff Research Day was held on May 30, 2025 with Visiting Professor, Dr. Adnan Saithna, Orthopaedic Sports Medicine Specialist from Scottsdale, Arizona



Dr. Saithna is an orthopaedic surgeon with a special interest in arthroscopic and minimally invasive surgery of the knee and shoulder. His clinical practice is based in Scottsdale, Arizona. His academic work is focused on clinical effectiveness and improving the outcomes of orthopaedic surgery.

Dr Saithna's research has received the highest awards from the Royal College of Surgeons, UK (King James IV Professorship) and the Arthroscopy Association of North America (Richard O'Connor Award 2017 and 2025).

Dr Saithna undertook two years of fellowship training at internationally recognized centers of excellence in sports medicine (Royal Orthopedic Hospital, UK and the Pan Am Clinic, Canada).

Dr. Saithna serves on numerous national and international committees and is Associate Editor for the Arthroscopy Journal. Outside of work, Dr Saithna enjoys competitive cycling and spending time with his family.

Our congratulations to all winners!

Resident Best Paper - First Prize: Dr. Emmitt Hayes

"Anterior Cruciate Ligament Ruptures in NFL Players are Associated with Position and Task Specific Performance Changes"

Resident Best Paper - Second Prize: Dr. Matthew Macciachera

"Lateral Augmentation in Anterior Cruciate Ligament Reconstruction: A Systematic Review and Meta-Analysis of Clinical Outcomes"

Fellow Best Paper: Dr. Chuan Kong Koh

"Influence of Head Size and Sex on the Five-year Survivorship of a Ceramic-on-Ceramic Hip Resurfacing: An International Multi-Center Study"

Hans K. Uthoff Graduate Fellowship Grant Recipient Best Paper: Jessica Wenghofer MSc

"The Development of Novel Technologies for the Assessment of Deformity and Function with Adolescent Idiopathic Scoliosis"

Best Posters: Dr. Mikaela Peters

"Primary Glenohumeral Osteoarthritis and Posterior Humeral Head Subluxation: A Systematic Review: Part I – Bony Etiologies"

"Primary Glenohumeral Osteoarthritis and Posterior Humeral Head Subluxation: A Systematic Review: Part II – Soft tissue and Patient Factors"



From left to right: Dr. Kevin Smit, Residency Program Director, Dr. Mikaela Peters, Dr. Matthew Macciachera, Dr. Emmitt Hayes, Dr. Bradley Meulenkamp, Director of Resident Research, Visiting Professor Dr. Adnan Saithna

Jacques Robichon Award for Exemplary Service in Orthopaedic Care: Dr. Peter Lapner



Dr. Steven Papp, Dr. Peter Lapner, Dr. J Pollock

Anatomy Cup: Dr. Emmitt Hayes



Dr. Steven Papp, Dr. Emmitt Hayes, Dr. Kevin Smit

Staff Teaching Award: Dr. Braden Gammon



Dr. Steven Papp and Dr. Braden Gammon

Resident Teaching Award: Dr. Eric Locke



Dr. Eric Locke and Dr. Kevin Smit

Fellow Teaching Award: Dr. Mikaela Peters



Dr. Steven Papp, Dr. Mikaela Peters, Dr. Kevin Smit

Let Us Move You Award

Hawkesbury and District General Hospital

Surgical Program Team

“To a group of individuals who have contributed to improving patient care and quality, education and/or research as part of our University of Ottawa Orthopaedic Program.”



*Dr. Steven Papp, Frédéric Beauchemin, CEO, Hawkesbury and District General Hospital,
Dr. Paul Beaulé, Elizabeth Durocher, Kim Laurin Lepage*

Merv Letts Award for Scholarly Achievement and

Andry Nicholas Sports Award

Dr. Eric Locke



From left to right: Dr. Steven Papp, Dr. Eric Locke, Dr. Kevin Smit



Recognition of Dr. Karl-André Lalonde

Dr. Lalonde was honored for his leadership as the Residency Program Director from 2016-2024.

His vision, dedication and unwavering commitment to excellence has been a true inspiration to everyone. His ability to empower and motivate the residents, his strategic thinking and his unwavering integrity have been instrumental in his success.

Thank you, Dr. Lalonde, for your exceptional leadership!



From left to right: Dr. Nicholas Tubin, Dr. Karl-André Lalonde, Dr. Eric Locke, Dr. Steven Papp

Recognition of Senior Administrative Assistants

Nancy Harris – 30 years of service

Administrative Assistant to Dr. Robert Feibel



Lesley Parker (CHEO) -

8 years of service

Administrative Assistant to Drs. James Jarvis,
Kevin Smit and Andrew Tice



Lesley Parker and Dr. James Jarvis

Lisa Benvenuti -

7 years of service

Administrative Assistant to Drs. Wade
Gofton, Christopher Kennedy and
Alenko Šakanović



Lisa Benvenuti and Dr. Wade Gofton

Natalie Bédard – 6 years of service

Administrative Assistant to Drs. Paul Beaulé and George Grammatopoulos



Dr. Paul Beaulé, Natalie Bédard, Dr. George Grammatopoulos

The Department of Surgery's Collins Research Day was held on May 9, 2025

Dr. Karl-André Lalonde received the **Leadership Recognition Award** for his tenure as Residency Program Director from 2016 to 2024.

Other award recipients were **Dr. John-Peter Bonello**, awarded the **Farid Shamji Award for Outstanding Resident Teacher** and **Dr. Taylor Woolnough**, awarded the **Graeme Barber Best Clinical Research Presentation**.

Congratulations to all!



From left to right: Dr. Sasha Carsen, Dr. Geoffrey Dervin, Dr. Peter Lapner, Dr. Taylor Woolnough, Dr. Karl-André Lalonde, Dr. John-Peter Bonello, Dr. Kevin Smit, Dr. Sophie Ba, Dr. Abigail Bowley

New addition to the Orthopaedic family!



Dr. Philippe Phan and his wife Kim are the proud parents of a beautiful baby girl, Khaia, born on May 5th at the Civic Campus.



Quality Based Procedures (QBP)

The Hawkesbury and District General Hospital (HGH) has met and surpassed its Quality Based Procedures (QBP) target for hip and knee replacement for the 2024-2025 year (a first in over five years). This has resulted from the successful implementation of recommendations identified through multidisciplinary positive deviance seminars at HGH.

Furthermore, HGH has also implemented innovative strategies to maximize OR utilization with the addition of more OR time following the opening of a fourth operative suite which resulted in an increase in number of cases done per day for joint replacements from four to five and the development of overlapping ORs which have allowed surgeons to do eight joint replacements between two rooms. The latter has been expanded to other services within our department including Hand and Wrist, and Foot and Ankle.



**James J. Wiley Visiting Professor
Dr. Wudbhav Sankar, University of Pennsylvania
February 19, 2025**



First row from left to right: Dr. Kevin Smit, Dr. Akshay Seth, Dr. Magdalena Tarchala, Visiting Professor Dr. Wudbhav Sankar, Dr. James Jarvis, Dr. Andrew Tice, Dr. Alicia Kerrigan, Dr. Louis Lawton

**Foot and Ankle Visiting Professor
Dr. Kelly Hynes, Washington University, St. Louis, Missouri
April 24, 2025**

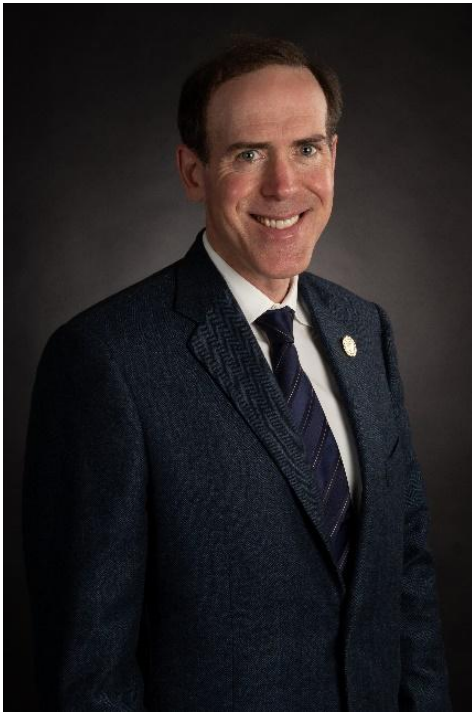


First row from left to right: Dr. Karl-André Lalonde, Dr. Mark Steeves, Visiting Professor Dr. Kelly Hynes, Dr. Bradley Meulenkamp, Dr. Zoe Rubin

**Hans K. Uhthoff Visiting Professor
Dr. Adnan Saithna, Scottsdale, Arizona
May 30, 2025**



First row from left to right: Visiting Professor Dr. Adnan Saithna, Dr. Geoffrey Dervin, Dr. Paul Beaulé, Dr. Steven Papp



Hip Fracture Time-to-OR: A QI Initiative

During the 2023 year, we established a goal of improving hip fracture care at TOH. The Canadian Institute for Health Information published national rankings for a series of quality metrics, including timing of hip fracture care once admitted to hospital. TOH ranked last place (11/11) in Canada for getting hip fracture patients into the operating room (OR) within 48 hours from the time of admission.

Wait time to surgery for hip fracture patients is an important quality of care metric. Earlier surgery is associated with better functional outcomes, shorter hospital stay, decreased duration of pain, and decreased incidence of adverse events. The 1-year mortality rate following a hip fracture is 14-36%. The hip fracture burden is expected to exceed over 7 million over the next 40 years. The national standard is 90% compliance, and TOH was at 75-80% compliance for this metric. We developed a QI pilot project to prioritize hip fracture cases as D-priority the morning after admission in an effort to improve our outcomes.

An analysis was recently completed to compare pre-conversion (Group 1 – May 1, 2022 – May 2, 2022) and post-conversion (May 3, 2022 – Mar 24, 2025) groups to determine compliance. Secondary objectives were to the intervention's effect on quality metrics including the incidence of urinary tract infection (UTI), delirium, and 180-day mortality.

Results

A total of 1,686 patients were included in this study. Demographic variables including age and sex were similar between groups. ASA scores revealed higher acuity in group 2 ($p < 0.0001$). The median time from admission to surgery was 35 hours (IQR 20-47) in group 1 and 20 hours (IQR=13-31) in group 2 ($P < 0.0001$). The number of patients who received surgery within 48 hours of admission were 443 in Group 1 (77.2%) and 991 in Group 2 (89.1%) ($p < 0.0001$).

The multivariable regression model which controlled ASA score, age, and sex demonstrated that there was a significant association between mortality and the number of hours to surgery ($p < 0.0001$) which favoured faster time to OR, younger age, lower ASA score, and female sex. Increased time to OR was also associated with a higher incidence of delirium ($p = 0.001$) and a higher incidence of UTI ($p < 0.0001$).

Conclusion

Among the patients with hip fractures, upgrading surgical booking in the morning following admission significantly improved access to OR time, and a decreased incidence in 180-day mortality, delirium and UTI.

Our congratulations to all grant recipients!

Funding Agency	Principal Investigator(s)	Title	Amount Awarded
Department of Surgery Research Program Award	Dr. Hesham Abdelbary	A Randomized Feasibility Clinical Trial of Phage Therapy in Periprosthetic Joint Infections Treated with Debridement Antibiotic Implant Retention (DAIR) Procedure	\$120,000.00
Department of Surgery Research Program Award	Dr. Peter Lapner	TransfEr of the lower trapezius teNdon vErsus partial cuff repair Trial - TENET trial	\$120,000.00
Department of Surgery Surgical Seed Grant	Dr. Sasha Carsen	MPFL Repair Augmented with a Novel Bio-inductive Scaffold is Non-inferior to MPFL Reconstruction with Gracilis Allograft: A pilot Randomized Controlled Trial.	\$25,000.00
Department of Surgery Resident Research Grant	Dr. Sophie Ba Supervisor: Dr. Paul Beaulé	Optimizing Anesthesia Workflow: Investigating Spinal Anesthesia Attempts and their Impact on Surgical Efficiency in Hip and Knee Arthroplasty	\$5,000.00
Department of Surgery Resident Research Grant	Dr. Johnathan Sevick Supervisor: Dr. George Grammatopoulos	Does Hip Morphology Impact Acetabular Fracture Pattern and Outcome?	\$5,000.00

Hans K. Uthoff Graduate Fellowship

Congratulations to the five winners of the 2025-2026 Hans K. Uthoff Graduate Fellowship, **Annagh Macie, Spencer Short, Zachary Fiahout, Medjie Piron and Vanessa Lopez**. Each recipient will receive \$10,000.00 to support their graduate research in orthopaedics.

The Hans K. Uthoff Graduate Fellowship was established in 2005 to honor Dr. Uthoff, a renowned orthopaedic surgeon and researcher. The fellowship supports graduate student research in orthopaedics at the University of Ottawa.

This annual award reflects Dr. Uthoff's enduring legacy and commitment to advancing medical research and education.

Dr. Hesham Abdelbary, Tier 2 Clinical Research Chair award recipient (prosthetic joint and bone infections)



Congratulations to **Dr. Abdelbary** for receiving this prestigious award in the amount of \$100,000.00 per year! The Chair is for a 5-year term (July 1, 2025 to June 30, 2030).



1: Is Sacro-iliac Joint Degeneration Associated With Inferior Outcome Post-Total Hip Arthroplasty?

Author(s): Kashanian K, Austin RP, Mavromatis S, **Garceau S, Beaulé PE**, Bingham JS, **Grammatopoulos G**
J Arthroplasty. 2025 May 8;S0883-5403(25)00483-8. doi: 10.1016/j.arth.2025.04.090. PMID: 40348140.

2: Gender and Racial Diversity in Leadership Roles within Academic Surgery Internationally: A Retrospective Cross-sectional Study Pre-COVID-19.

Author(s): Sue TC, Churchill IF, Mallity C, Lau R, Peters DA, Lampron J, **Phan P, Stratton A, Wai EK**, Tsai EC
Am J Surg. 2025 May 8;116394. doi: 10.1016/j.amjsurg.2025.116394. PMID: 40374419.

3: The Safety and Efficacy of Outpatient Total Hip Arthroplasty in Very Obese Patients

Author(s): Gauthier P, Parisien A, **Garceau S**, Poitras S, **Beaulé PE**
Bone Joint J. 2025 May 1;107-B(5 Supple A):3-8. doi: 10.1302/0301-620X.107B5.BJJ-2024-0761.R1. PMID: 40306652.

4: Timing from Admission to Debridement, Antibiotic, and Implant Retention (DAIR) Affects Treatment Success in Total Knee Arthroplasty Periprosthetic Joint Infection

Author(s): Morgan SB, German G, **Abdelbary H, Grammatopoulos G, Garceau S**
J Arthroplasty. 2025 Jun 19;S0883-5403(25)00747-8. doi: 10.1016/j.arth.2025.06.042. Online ahead of print. PMID: 40543825.

5: Editorial Commentary: Bone Marrow Stimulation Provides Little Benefit for Repair of Full-Thickness Rotator Cuff Tears

Author(s): **Lapner P**
Arthroscopy. 2025 Mar 19;S0749-8063(25)00220-8. doi: 10.1016/j.arthro.2025.03.025. PMID: 40118303.

6: Evidence-Informed Quality Indicators for Pediatric Trauma Care

Author(s): Moore L, Yanchar NL, Tardif PA, Weiss M, Beaulieu E, Stang A, Gagnon I, Gabbe B, Stelfox T, Pike I, Macpherson A, Berthelot S, Klassen T, Beno S, **Carsen S**, Labrosse M, Zemek R, Priestap F, Burstein B, Remick KE, Yeates KO, Merritt N, Kuppermann N, Loellgen R, Davis N, Lecky F, Teague W, Holland A, Malo C, Beaudin M, Archambault P, Freire G; Quality Indicators in Pediatric Trauma Care Expert Consensus Group
JAMA Pediatr. 2025 Jun 1;179(6):666-674. doi: 10.1001/jamapediatrics.2025.0036. PMID: 40163207.

7: Evaluating Variability in Decision-making among Spine Surgeons Treating Adult Spine Deformity

Author(s): Abdelnour M, Mumtaz R, Hawsawi MA, Qumqumji F, Swamy G, Thomas K, Soroceanu A, Wang Z, **Stratton A, Kingwell SP, Wai E**, Tsai E, **Phan P**
Spine J. 2025 Jul;25(7):1523-1531. doi: 10.1016/j.spinee.2025.01.003. Epub 2025 Jan 17. PMID: 39828084.

8: Same-Day Discharge Periacetabular Osteotomy: A Matched Cohort Analysis

Author(s): Marshall A, Parisien A, Ojaghi R, Poitras S, **Beaulé PE**
J Arthroplasty. 2025 Mar 17;S0883-5403(25)00248-7. doi: 10.1016/j.arth.2025.03.036. Online ahead of print. PMID: 40107574.

9: Development and Content Validation of a Questionnaire Identifying Patients' Functional Priorities and Abilities after Hip or Knee Arthroplasty

Author(s): Karimijashni M, Westby M, Ramsay T, **Beaulé PE**, Poitras S
Disabil Rehabil. 2025 Apr;47(8):2146-2160. doi: 10.1080/09638288.2024.2390648. Epub 2024 Aug 18. PMID: 39154246.

10: Does Introduction of a Cemented Polished Taper-slip Femoral Stem Reduce Early Periprosthetic Fracture Risk with Anterior Approach Total Hip Arthroplasty? A Case-matched study.

Author(s): Bourget-Murray J, Telias A, **Garceau S, Beaulé PE, Grammatopoulos G**
Arch Orthop Trauma Surg. 2025 Apr 24;145(1):264. doi: 10.1007/s00402-025-05871-3. PMID: 40274618.

11: Differences in Perioperative Outcomes Between Conversion Total Hip Arthroplasty After Previous Proximal Femur Fracture and Primary Total Hip Arthroplasty

Author(s): Biniam B, Bourget-Murray J, **Beaulé P, Kim P, Gofton W, Grammatopoulos G**
Arthroplast Today. 2025 May 24;33:101715. doi: 10.1016/j.artd.2025.101715. eCollection 2025 Jun. PMID: 40510198.

12: The Degree of Pre-operative Osteoarthritis is Associated with Outcome following THA

Author(s): Kashanian K, Hinde Y, Austin R, Mavromatis A, Bingham J, **Grammatopoulos G**
Arch Orthop Trauma Surg. 2025 Mar 28;145(1):215. doi: 10.1007/s00402-025-05813-z. PMID: 40153072.

13: Radiological Diagnosis of Suspected Scaphoid Fractures in Children: A Systematic Review

Author(s): Chen MX, Lamanna D, Livock H, **Smit K, Carsen S**, Cheung K
Plast Surg (Oakv). 2025 Mar 21;22925503251322521. doi: 10.1177/22925503251322521. Online ahead of print. PMID: 40130002

14: Understanding Pediatric Clinical Scaphoid Injuries: A Prospective Radiological Study.

Author(s): Cheung K, Livock H, Rubin Z, Tang K, **Smit K, Carsen S**
Plast Surg (Oakv). 2025 May;33(2):261-266. doi: 10.1177/22925503231208451. Epub 2023 Nov 3. PMID: 40351809.

15: A Case Series of Modular Hip Hemiarthroplasties Employing a Metal-on-metal Taper-trunnion Junction: Are they a Source of Metal Particle Release?

Author(s): Chotai N, Kaila R, Wilson H, Pradhan R, Asopa V, **Grammatopoulos G**, Andrade AJ
Bone Joint J. 2025 Apr 1;107-B(4):479-485. doi:10.1302/0301-620X.107B4.BJJ-2024-0576.R1. PMID: 40164182.

16: **Removable Boot vs Casting of Toddler's Fractures: A Randomized Clinical Trial.**

Author(s): Boutin A, Colaco K, Stimec J, Camp M, Narayanan U, Bhatt M, Poonai N, Willan AR, Cook R, Nault ML, **Carsen S**, Boutis K.
JAMA Pediatr. 2025 Apr 21;179(7):713-21. doi: 10.1001/jamapediatrics.2025.0560. PMID: 40257790.

17: **Does Replication of Native Acetabular Anatomy Satisfy Recommended Hip-Spine Targets for Cup Orientation?**

Author(s): Sevick J, Plaskos C, Speirs A, Pierrepont J, **Grammatopoulos G**
JB JS Open Access. 2025 Apr 25;10(2):e24.00169. doi: 10.2106/JBJS.OA.24.00169. eCollection 2025 Apr-Jun. PMID: 40291496.

18: **Intra-operative Assessment of Leg Length Discrepancy with Anterior Approach Total Hip Replacement: A Comparison between Standard Table, Position Table with and without Intra-operative Radiographs.**

Author(s): Viglietta E, Fenucci S, Iorio R, Parisien A, **Grammatopoulos G, Kim PR, Beaulé PE**
Int Orthop. 2025 May;49(5):1065-1071. doi: 10.1007/s00264-025-06411-9. Epub 2025 Feb 14. PMID: 39951054.

19: **Patient Involvement in the Development of Patient-reported Outcome Measures Used Following Hip or Knee Arthroplasty: A Scoping Review.**

Author(s): Karimijashni M, Abbasalipour S, Westby M, Ramsay T, **Beaulé PE**, Poitras S.
Qual Life Res. 2025 May;34(5):1195-1209. doi: 10.1007/s11136-025-03899-x. Epub 2025 Jan 27. PMID: 39869265.

20: **Comparing Intramedullary Nails versus Dynamic Hip Screws in the Treatment of Intertrochanteric Hip Fractures on Post-operative Rehabilitation Outcomes - A Systematic Review and Meta-Analysis.**

Author(s): Backman C, Lam A, Papp R, Kolle AT, Engel FD, Li W, Shah S, Webber C, Tanuseputro P, Domecq MC, **Papp S**
Geriatr Orthop Surg Rehabil. 2025 Jun 17;16:21514593251350490. doi: 10.1177/21514593251350490. eCollection 2025. PMID: 40535322.

21: **Surgical Outcomes and Patient Expectations and Satisfaction in Spine Surgery Stratified by Surgeon Age**

Author(s): Ells B, Canizares M, Charest-Morin R, Nataraj A, Bailey C, **Wai E**, Soroceanu A, Marion T, Dvorak M, Rampersaud YR, Fisher C, Wang Z, Attabib N, Christie S, Dea N, Kelly A, Singh S, Larue B, Weber M, Small C, Hall H, Glennie RA
JAMA Netw Open. 2025 Apr 1;8(4):e255984. doi: 10.1001/jamanetworkopen.2025.5984. PMID: 40257796.

22: **Morphological Risk Factors for Pediatric Anterior Cruciate Ligament Tears and Tibial Spine Fractures**

Author(s): Shin CH, Syed AN, Swanson ME, Lawrence JTR, Baghdadi S, Cruz Al Jr, Ellis HB Jr, Fabricant PD, Green DW, **Kerrigan A**, Kirby J, Kocher M, Kushare IV, Jay Lee R, MacDonald JP, McKay SD, Parikh SN, Patel NM, Yen YM, Schmale GA, Shea KG, Mistovich RJ, Ganley TJ
Am J Sports Med. 2025 Jun;53(7):1596-1605. doi: 10.1177/03635465251334120. Epub 2025 Apr 28. PMID: 40292911.

23: **Factors Influencing Initial Rehabilitation Type after Hip Fracture Surgery: A Retrospective Cohort Study.**

Author(s): Backman C, Li W, Shah S, **Papp S**, Fung SG, Dumicho AY, Tuna M, Engel FD, Webber C, Turcotte L, McIsaac DI, **Beaulé PE**, French-Merkley V, Poitras S, Lafleur B, Watt J, Vincent C, Straus S, Tran A, Pitzul K, Guilcher SJT, Senthinathan A, Tanuseputro P J Am Med Dir Assoc. 2025 May;26(5):105521. doi: 10.1016/j.jamda.2025.105521. Epub 2025 Mar 19. PMID: 40020754.

24: **EFORT Michael Freeman Award 2020: Knee Biomechanics before and after Total Knee Arthroplasty with either a Medial Pivot or Posterior Stabilized Implants**

Author(s): Kowalski E, Catelli DS, Pelegrinelli ARM, **Dervin G**, Lamontagne M
Clin Biomech (Bristol). 2025 Jun 26;127:106604. doi: 10.1016/j.clinbiomech.2025.106604. PMID: 40602029.

25: **Clinical Trial of a New Continuous Compartment Pressure Monitoring to Aid in the Diagnosis of Acute Compartment Syndrome**

Author(s): Balhareth MA, Vaile K, Schneider P, **Liew A**, Hall J, Guy P, Lawendy AR, Doornberg J, Jaarsma R, Leighton R.
J Orthop Trauma. 2025 Apr 8. doi: 10.1097/BOT.0000000000002980. PMID: 40197600.

26: **Capsular Stem Cell Function and Tissue Composition are Associated with Symptoms and Radiographic Severity in People with Knee Osteoarthritis**

Author(s): Campbell TM, **Feibel R**, Dilworth J, Laneuville O, Trudel G
Ther Adv Musculoskelet Dis. 2025 Mar 3;17:1759720X251321941. doi: 10.1177/1759720X251321941. eCollection 2025. PMID: 40041009.

27: **Variation in Arthroscopic Treatment of Discoid Lateral Meniscus and Postoperative Restrictions in Children: Results of a Multicenter Meniscus Study Group Survey**

Author(s): Heitz PH, Pauyo T, Beck JJ, Niu EL, Lee RJ, Pace JL, Schmale GA, **Carsen S**, Heyworth BE; Meniscus Research Interest Group (RIG);PRISM; Milewski M, Schlechter JA, Stinson ZS, Tompkins M, Brown MJ, Finlayson CJ, Wilson PL, Brey J, Nault ML
Orthop J Sports Med. 2025 May 7;13(5):23259671251333107. doi: 10.1177/23259671251333107. eCollection 2025 May. PMID: 40353252.

28: **Celecoxib as Heterotopic Ossification Prophylaxis in Total Ankle Arthroplasty: A Retrospective Cohort Study.**

Author(s): Cristofaro C, Athar M, Pinsker EB, **Meulenkamp B**, Daniels TR, Halai MM
Foot Ankle Orthop. 2025 May 29;10(2):24730114251337748. doi: 10.1177/24730114251337748. eCollection 2025 Apr. PMID: 40453511.

29: **Understanding the Influence of Cage and Instrumentation Strategies with Oblique Lumbar Interbody Fusion for Grade I Spondylolisthesis - A Comprehensive Biomechanical Modeling Study.**

Author(s): Chayer M, **Phan P**, Arnoux PJ, Wang Z, Rawlinson JJ, Aruwajoye O, Aubin CÉ
Spine J. 2025 Apr 5:S1529-9430(25)00186-X. doi: 10.1016/j.jspinee.2025.04.009. PMID: 40194709.

30: **Classifiers of Anterior Cruciate Ligament Status in Female and Male Adolescents using Return-to-activity Criteria**

Author(s): Girard CI, Romanchuk NJ, Del Bel MJ, **Carsen S**, Chan ADC, Benoit DL
Knee Surg Sports Traumatol Arthrosc. 2025 May;33(5):1633-1644. doi: 10.1002/ksa.12462. Epub 2024 Sep 30. PMID: 39344772.

31: **The Influence of Wait Time on Surgical Outcomes in Elective Lumbar Degenerative Spine Conditions: A Retrospective Multicentre Cohort Study.**

Author(s): Bond M, Charest-Morin R, Street J, Fisher C, Dea N, Singh S, Paquet J, Abraham E, Bailey C, Weber M, Nataraj A, Attabib N, Kelly A, Rampersaud R, Manson N, **Phan P**, Thomas K, Soroceanu A, LaRue B, Ahn H, Marion T, Christie S, Glennie A, Zhi W, Hall H, Sutherland JM

Global Spine J. 2025 May;15(4):2118-2128. doi: 10.1177/21925682241287463. Epub 2024 Sep 25. PMID: 39322408.

32: **Severe Neck Pain among Patients with Degenerative Cervical Myelopathy: an Observational Study from the Canadian Spine Outcomes and Research Network**

Author(s): Kögl N, Evaniew N, Dea N, Jacobs B, Paquet J, Wilson JR, Hall H, Singh S, Weber MH, Nataraj A, Attabib N, Cadotte DW, Rampersaud RY, **Phan P**, Christie SD, Fisher CG, Small C, Bailey CS, Thomas K, Manson N, McIntosh G, Wang Z, Glennie A, Charest-Morin R

Spine J. 2025 Mar 26:S1529-9430(25)00149-4. doi: 10.1016/j.spinee.2025.03.001. PMID: 40154627.

33: **Achieving Cup Target as per Spinopelvic Assessment is Associated with Improved THA Outcome: A Prospective, Multicentre Study.**

Author(s): Verhaegen JCF, Innmann M, Vorimore C, Merle C, **Grammatopoulos G**

Hip Int. 2025 Mar;35(2):130-141. doi: 10.1177/11207000241312654. Epub 2025 Jan 26. PMID: 39865697.

34: **Femoral Head Sizing and Guide Placement in Hueter Anterior Approach Hip Resurfacing: A Surgical Technique.**

Author(s): Wagner M, Koh CK, **Grammatopoulos G**, **Beaulé PE**

Arthroplast Today. 2025 May 10;33:101706. doi: 10.1016/j.artd.2025.101706. eCollection 2025 Jun. PMID: 40475006.

35: **The Impact of Elective Spine Surgery in Canada for Degenerative Conditions on Patient Reported Health-related Quality of Life Outcomes**

Author(s): Manoharan R, Srikandarajah N, Murray JC, Nielsen C, Singh S, Christie S, Yang MMH, Weber M, Larue B, Kelly A, Paquet J, Charest-Morin R, Hogan C, Glennie A, Anh H, **Wai E**, Dea N, Mason N, Thomas K, Fisher C, Hall H, Bailey C, Canizares M, Rampersaud YR

Sci Rep. 2025 May 31;15(1):19143. doi: 10.1038/s41598-025-03613-4. PMID: 40450143.

36: **Quantifying Voluntary Knee Strength Deficits and Muscular Contribution to Torque in an Anterior Cruciate Ligament-injured Adolescent Population using a Musculoskeletal Model**

Author(s): Flaxman TE, Shourijeh MS, **Carsen S**, Flahaut ZA, Romanchuk N, Del Bel MJ, Benoit DL

Clin Biomech (Bristol). 2025 May;125:106521. doi: 10.1016/j.clinbiomech.2025.106521. Epub 2025 Apr 8. PMID: 40300456.

37: **CORR Insights®: Hip-Spine Relationship in Femoroacetabular Impingement: Does Hip Arthroscopy Affect Pelvic Mobility?**

Author(s): **Grammatopoulos G**

Clin Orthop Relat Res. 2025 May 1;483(5):853-856. doi: 10.1097/CORR.0000000000003389. Epub 2025 Feb 5. PMID: 39915270.

38: **Correction: Fluoroscopy-guided Aspiration of the Acutely Dislocated Total Hip Arthroplasty: A Feasible, High-yield, and Safe Procedure.**

Author(s): Flores DV, Felemban A, Hodgdon T, **Beaulé P**, **Grammatopoulos G**, Rakhra KS

Insights Imaging. 2025 Apr 14;16(1):85. doi: 10.1186/s13244-025-01963-1. PMID: 40227545.



Congratulations to our 2025 graduating residents, Dr. Marc-Antoine Ricard and Dr. Taylor Woolnough!



*Dr. Marc-Antoine Ricard, Dr. Taylor Woolnough,
Dr. Kevin Smit, Residency Program Director*





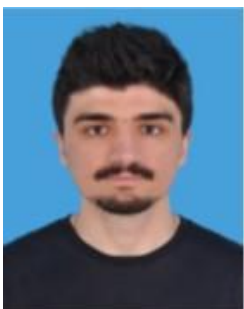
A warm welcome to our PGY-1 residents!



Dr. Fatima Abdulla



Dr. Tanya Cierson



Dr. Mohammad Ghuloum



Dr. Karen Jiang



Dr. Zoe Kerhoulas



Dr. Curtis Ostertag



Dr. Jonathan Raspanti



Fellowship Recognition

We thank all our fellows for their hard work and dedication and wish them all the best as they embark on the next chapter of their careers.

Adult Reconstruction/Periprosthetic Joint Infection Fellowship



From left to right: Fellow Dr. John Trask, Fellow Dr. Brent Benavides, Dr. Wade Gofton, Fellow Dr. Abdulmohsen Almeshari, Dr. George Grammatopoulos, Fellow Dr. Chuan Kong Koh, Dr. Robert Feibel, Fellow Dr. Moritz Wagner, Fellow Dr. Omar Salem, Dr. Paul Beaulé

Comprehensive Knee Fellowship



From left to right: Dr. Geoffrey Dervin, Fellow Dr. Ramandeep-Singh Bhullar, Fellow Dr. Luke Beaton, Dr. Michael Pickell

Foot and Ankle Fellowship



From left to right: Dr. Karl-André Lalonde, Fellow Dr. Zoe Rubin, Dr. Bradley Meulenkamp

Hand and Wrist Fellowship



*From left to right: Dr. Manisha Mistry, Fellow Dr. Ahmed Almulhim,
Fellow Dr. Kimberley Sent-Doux, Dr. Braden Gammon*

Hip Fellowship



*From left to right: Dr. Geoffrey Wilkin Dr. Kevin Smit, Fellow Dr. Yaser Alshabi, Dr. Sasha Carsen,
Dr. Paul Beaulé, Fellow Dr. Vincent Leopold, Dr. George Grammatopoulos*

Knee Preservation and Reconstruction Fellowship



From left to right: Fellow Dr. Ali AlGhufaily, Dr. Sasha Carsen

Absent: Dr. Allan Liew, Dr. Bogdan Matache

Musculoskeletal Oncology Fellowship



From left to right: Fellow Dr. Faisal Alrefaei, Dr. Joel Werier,

Fellow Dr. Ran Dan Lin, Dr. Hesham Abdelbary

Pediatric Orthopaedic Surgery Fellowship



From left to right: Dr. Sasha Carsen, Dr. Andrew Tice, Dr. Alicia Kerrigan, Fellow Dr. Nuno Alves Batista,

Dr. Kevin Smit, Fellow Dr. Hatim AlRehaili, Fellow Dr. Abdullah Alghamdi, Dr. James Jarvis

Shoulder and Elbow Fellowship



From left to right: Dr. Peter Lapner, Fellow Dr. Mikaela Peters, Dr. J Pollock

Spine Surgery Fellowship



*From left to right: Dr. Matthew Coyle, Fellow Dr. Thamer Alfawaz,
Fellow Dr. Abdullah Altowim, Fellow Dr. Bassam Alharbi, Dr. Stephen Kingwell*

Absent: Dr. Philippe Phan, Dr. Eugene Wai

Trauma Fellowship



*From left to right: Dr. Steven Papp, Fellow Dr. Mohammad Al-Ramahi,
Fellow Dr. Abdulaziz AlHawas, Dr. Geoffrey Wilkin*

Absent: Dr. Allan Liew

Introducing our fellows...



Dr. Chuan Kong Koh MD, Adult Reconstruction/PJI Fellow

Dr. Kong Koh was born in Malaysia and like any good kid with traditional Chinese parents, picked medicine as the only "right" career choice. He received his medical degree from the University of Auckland, New Zealand and luckily discovered he actually loves fixing bones. Dr. Koh completed his orthopaedics training and fellowship with the Royal Australasian College of Surgeons and a trauma fellowship in Canberra. His philosophy: If it's broken, fix it; if it can't be fixed, replace it!

When he is not in the OR, you will find Dr. Koh hanging out with his close-knit family, probably eating something delicious!

Dr. Koh will be completing his fellowship this July.

Dr. Ran Dan Lin MD, Musculoskeletal Oncology Fellow

Dr. Lin is a compassionate and dedicated orthopaedic surgeon with a specialization in Orthopaedic Oncology. Born in a small town north of Tel Aviv, Israel, he completed his three years of military service as an infantry soldier and officer, in the IDF. After his service, Dr. Lin travelled through South America for a year, broadening his perspective, before returning to pursue higher education. He earned a BSc in Biology from Ben Gurion University, followed by an MSc in Medical Science Research and an MD from Tel Aviv University.



During his residency at Ichilov Medical Centre (Sourasky), a leading multidisciplinary institution, Dr. Lin found his calling in Orthopaedic Oncology, where he could make a tangible impact on patients with critical needs. He later joined the Orthopaedic Oncology department at Ichilov before advancing his expertise with a fellowship at The Ottawa Hospital.

Outside of his professional life, Dr. Lin is devoted to his family, cherishing moments with his two children. In his free time, he enjoys hiking and immersing himself in nature.

Dr. Lin will be completing his fellowship in July 2026.



Featuring Dr. Andrew Bodrogi MD, FRCSC



"I graduated from the University of Ottawa Orthopaedic Surgery program in 2018. I went on to complete the Ottawa Hip and Knee Reconstruction Fellowship in 2019 with Drs. Beaulé, Kim, and Gofton, while my wife, Dr. Caitlin Cahill, finished her General Surgery residency. I then pursued a second fellowship south of the border at OrthoIndy in Indianapolis with Drs. Weber, Crichlow, Dikos, and Reveal, where I gained further skills in pelvic/acetabular and periarticular trauma.

My wife and I settled into staff positions at Health Sciences North (HSN) in Sudbury, Ontario, an academic level 1 trauma hospital. My current practice involves primary hip and knee arthroplasty, complex hip and knee revisions, and periarticular and acetabular trauma. HSN is the referral centre for all of Northeast Ontario giving me the opportunity to build a reputation as a revision arthroplasty surgeon. My current interest is pushing the boundaries of anterior revision total hips including cup cage acetabular reconstructions. From an academic perspective, I recently was promoted to Assistant Professor in addition to my roles as the NOSM Undergraduate and Postgraduate director of Orthopaedic Surgery at the Sudbury site. We are continuing to expand our academic program with plans for a Trauma/Arthroplasty fellowship program as well as a Sudbury specific NOSM Orthopaedic residency program. Lastly, I had the incredible opportunity to join Operation Walk in Nicaragua in 2023, providing hip and knee arthroplasties to an area with essentially no access to joint care. I hope to continue my work with this organization for years to come.

Sudbury has offered me not only the opportunity to progress my career but has allowed me to pursue numerous outdoor activities, particularly rock climbing. Whenever I can escape my clinical duties, you will find me at one of the many local crags. Also, over the last few years, we have started to grow our family, welcoming our daughter in 2021 and our son at the beginning of October 2024.



I have extremely fond memories of my years of training in Ottawa. All of my medical students will attest to the fact that I still hold it in high regard as one of the best training programs in North America."