

ANNUAL REPORT 2025



DALHOUSIE
UNIVERSITY

Department of Surgery

Contents

3	Message from the Department Head
5	Mission, Values, Vision
6	2025 in Review
7	Supporting our Communities
10	Robotic Surgery
11	Robotics Centre of Excellence
12	Research
15	Research Grants
16	Education
19	Welcome to our new Department of Surgery Education Administrators
20	New Faculty Appointments
26	Our Academic Community
26	Promotions
28	Quality
32	Global Surgery
34	Cardiac Surgery
36	General Surgery
38	Pediatric Surgery/IWK
40	Neurosurgery
42	Orthopaedic Surgery
44	Otolaryngology Head and Neck Surgery
46	Plastic Surgery
48	Thoracic Surgery
50	Vascular Surgery
52	Appendix 1 – Publications
71	Appendix 2 – Grants

Message from the Department Head



Dr. Gail Darling, Department Head

As I look back at the accomplishments of the Department of Surgery this past year, I couldn't be more proud. Together we have achieved a great deal delivering great patient care, embracing advances in surgery, advancing our quality agenda, giving back both at home and abroad, focusing and advancing our research agenda and expanding our educational opportunities to more learners. Our annual "Celebrating our People" welcomed 15 new faculty to the Department of Surgery and we will welcome one more in January.

The strength of any department is its people and its culture. I am so grateful to our faculty who have embraced changes despite the challenges that change brings. I am grateful that each and every one of them contributes to the success of our department and the work that we do. Everyone has their own strengths and interests. A great

department has breadth and depth and we have it all! I can attest to the clinical excellence and commitment to patient care of all of our surgeons but they each bring added value to the table whether in teaching or administration or research or outreach. This is what makes a great academic department of surgery—not just great clinical care but all the extra stuff!

Over the past two years we have recruited to every division except one (thoracic surgery) bringing 26 new surgeons to our department all with new ideas, new energy, new approaches, in addition to their education or research or administrative capabilities. This injection of new people re-energizes all of us, revitalizes our department and importantly shifts our culture in a positive way. However, our experienced surgeons provide all of us with their wisdom and judgement gained from their years on the front line—for which there is no replacement. This mix of all ages and levels of experience is the secret sauce for our divisions and our recent recruitment efforts have allowed us to capitalize on this.

Patient care is the foundation of everything we do. We are accountable to the people of Nova Scotia to provide care. We recognize that our system has limitations in



Department of Surgery OR Executive 2026. L to R: Drs. Ellsmere, Bezuhly, Wood, Christie, Oxner, Darling, Walsh, Plourde, Helyer, Williams, Corsten, Davies Missing - Drs. Lee, Taylor and Hirsch

its ability to provide access to timely care. We are committed to working with NSH and IWK to optimize our ability to deliver care and with investments in Periop and our recruitment efforts we have been able to deliver more cases, more OR hours, and more patient visits - not only to Central Zone but to the entire Province of Nova Scotia as well as New Brunswick, Prince Edward Island and Newfoundland.

Dalhousie Department of Surgery has long been recognized for training outstanding surgeons. This is a key priority for me as Department Head. Training for excellence not just competence is our goal. This is in our DNA. This is not about completing EPAs. This is part of our culture, providing supervision and increasing autonomy, providing constructive feedback and not being afraid to tell trainees that they need to do better and how they can do better. We must not be “afraid to fail”.

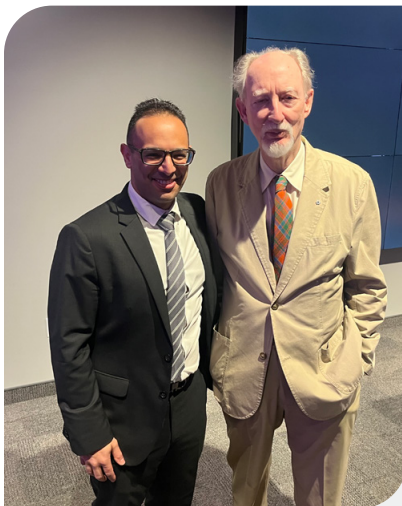
My other priority is to promote a culture of research. Research may be seen as a nice to have but not a must have component of our Department. I think there is growing recognition of the importance of research within an academic Department of Surgery. It fosters a culture of inquiry and critical thinking amongst our faculty, and our trainees whether it is in fundamental science (so- called basic science) or clinical science. It is not necessary for everyone to be “doing” research but it is necessary for all of us to support this work and to embrace the culture of inquiry. Henry Ford said: “ if you always do what you always did, you get what you always got”. In other words, we stagnate. Stagnant programs don’t attract top notch trainees leading to mediocre training programs, graduating competent but not necessarily excellent surgeons who then go out and practice in Nova Scotia. This may be adequate but not ideal. Supporting our researchers ups our game—ups everyone’s game.

Our new research Chair, Dr. Mike Bezuhly is committed to supporting our researchers. See his report for changes that he has implemented to improve the success of our researchers in obtaining peer reviewed funding.

Looking ahead, in addition to Celebrating our People, I want to invest in our People. We have a fantastic Department of Surgery and I want to work to ensure their ongoing success.

Thank you to all members of our Department of Surgery, including all of our administrative support staff, for all that you do everyday.

— Gail



DR. A S MACDONALD ANNUAL LECTURE

Dr. MacDonald supports an annual lecture. Dr. Amin Madani MD PhD FRCSC is a member of the Insitute for Education Research at the University of Toronto. He was our honoured speaker this year and gave a fascinating talk on the use of AI in surgical procedures for simulation, performance assessment, and decision analysis.

Dr. A. S. MacDonald and
Dr. Amin Madani

MISSION

To provide leadership and innovation in surgery, by setting and striving to exceed the highest standards for patient care, research, and education to improve the health and quality of life for the people of Atlantic Canada.

VISION

To be an internationally renowned academic department providing exemplary surgical care, specialty and sub-specialty education, research and innovation within an integrated Atlantic Regional Health Care Network.

VALUES

- ▶ Commitment to patient care, research, education and innovation
- ▶ Patient-family centric/evidence-based care
- ▶ Accountability and transparency
- ▶ Collaboration and engagement
- ▶ Professionalism and collegiality
- ▶ Advocacy and social responsibility

2025 in Review

WE ARE

NINE DIVISIONS

- ▶ Cardiac Surgery
- ▶ General Surgery
- ▶ Neurosurgery
- ▶ Orthopaedic Surgery
- ▶ Otolaryngology Head and Neck Surgery
- ▶ Thoracic Surgery
- ▶ Pediatric Surgery
- ▶ Plastic Surgery
- ▶ Vascular Surgery

OUR PATIENTS

ATLANTIC CANADIANS

NS Central Zone 25,273

The rest of NS 9,745

PEI 1.7%

NB 3.7%

NL 0.4%

WHAT WE DO

PATIENT VISITS: **168,565**

4% INCREASE

OR CASES: **21,352**

7% INCREASE

OR HOURS: **49,862**

10% INCREASE

57,229 OR AFTER HOURS,
WEEKENDS & HOLIDAYS

5% INCREASE

OTHER THINGS WE DO

EDUCATION

1,209 Hours of
Undergraduate Teaching

Postgraduate Teaching
86 Surgical, 164 Off-service
& Visiting Residents

RESEARCH

Total publications: 229
up 30 from 2024

Total Grants Held: \$7.5 million

(PI's, Co-PI's and Collaborators)

13 held as PI and Co-PI

Supporting our Communities

The Department of Surgery acknowledges the importance of supporting our community locally and globally.

Locally, the Department of Surgery recognizes that our members are fortunate to be able to buy groceries and to have a home in which to live unlike many in our community. We donate to Feed Nova Scotia and Shelter Nova Scotia on a yearly basis. As a department and as individuals we give back in a variety of ways, and in the next few pages we will highlight just a few of them.

PULSE – Mentorship Black Medical Students

2025 marked the inaugural year of PULSE, a program designed to support and inspire Black medical learners pursuing careers in surgery. Co-founded by fourth-year medical student Jacqui Jr. Baptiste, PULSE was created in response to barriers that have long limited access to surgical training—including underrepresentation, lack of mentorship, and socioeconomic challenges.

PULSE provides twelve black first-year and second-year medical students with early, meaningful exposure to surgical careers through hands-on workshops, simulation labs, operating room shadowing, mentorship, networking opportunities, and a dedicated scholarship fund that helps reduce the financial barriers associated with out-of-province surgical electives.

The impact of the program is already evident in the overwhelmingly positive feedback from students, residents, and surgeons who have participated in the mentorship, shadowing, and skills-based workshops. Their enthusiasm reflects the value of creating an inclusive, supportive pathway into surgical careers.

We extend our sincere thanks to the Department of Surgery and to every surgeon and trainee who has generously contributed their time, expertise, and encouragement to support these undergraduate learners.



Supporting our Communities

Dalhousie University Faculty of Medicine

The Department of Surgery contributes our support by purchasing a table annually at the Med School Gala. Of course members of the Department also contribute either individually or through their own societies or alumni groups.

All proceeds from the gala support the DMAA Student Experience Fund, providing financial support to Faculty of Medicine learners. The DMAA plays a pivotal role in supporting Dalhousie Faculty of Medicine students. Through alumni donations, students are impacted by opportunities such as financial support and new equipment, labs and infrastructure. The DMAA works hard to continue its long-standing tradition of enhancing the learning experience of our graduates and students.

“When you give to the DMAA Student Fund you give all Faculty of Medicine students access to critical funds that support their interest groups, mental health & well being, and extracurricular learning.”



Dr. Sean Christie and Dr. Gail Darling.
Dr. Christie is the recipient of the Dalhousie Medical Student Society, Excellence in Research Stewardship Award for 2025.

Supporting our Communities

Ukraine – Dr. Jonathan Trites

Together with anesthesiologists Dr. Ben Schelew and Dr. Stephen Middleton, and DGH OR nurse Jackie Abbott, Jonathan Trites recently participated in a surgical mission in the city of Ivano-Frankivsk, Western Ukraine. His third mission since 2023, this was a strategic partnership between Face the Future Foundation (Facethefuturefoundation.ca) and local surgeons from throughout Ukraine. The primary focus was to provide reconstructive surgical care for wounded “defenders” from the Ukrainian armed forces, and to increase capacity by collaborating with local expertise. This mission served 32 patients (31 servicemen and 1 civilian) with cases ranging from 2 hours to 9 hours in length. All patients had suffered explosive facial injuries, many with concurrent orthopedic and intracranial trauma. Nine patients had complete loss of vision on at least one side, and in 2 patients the loss was bilateral. Virtual surgical planning was available and provided 9 PSI’s (patient specific implants) in 7 patients. This year’s visiting team included 3 surgeons from Canada, 3 from the United States, our 2 QEII anesthesiologists and 9 nurses. Continuing medical education is very challenging in a country at war and so we also provided several forums for this, targeting nurses, anesthesiologists and surgeons, the latter taking the form of the 6th International Symposium for Reconstruction of Head & Neck War Injuries at a local university.



This is a picture of the entire team, include our many Ukrainian Colleagues. The visiting team consisted of 6 surgeons (3 US-based and 3 Canadian-based), 2 Halifax anesthesiologists (Drs. Ben Schelew and Stephen Middleton), and 8 nurses, including DGH OR nurse Jackie Abbott

Robotic Surgery

Dalhousie Department of Surgery continued to expand its robotics program as QEII Health Sciences Centre acquired a second Da Vinci Xi robot with the support of the QEII Foundation and Nova Scotia Health. The first Da Vinci robot was used primarily by the Departments of Urology and Gynecologic Oncology, with limited access for Head and Neck Surgery.

The second Da Vinci Xi will be used primarily by members of the Department of Surgery including Thoracic Surgery, Colorectal Surgery and Hepatobiliary-Pancreatic surgeons. Our Head and Neck surgeons will have increased access and we are also increasing access for Gynecologic Oncology.

Our Neurosurgery and Orthopedic Surgery Divisions continue to expand the use of surgical robots in their specialties with the Rosa, Stealth Autoguide, Mazor X and Mako robots.



Dr. K Neumann



Dr. G Darling



Dr. A Wallace



Dr. Al Affif



Dr. B Gala-Lopez



Dr. A Ednie

Robotics Centre of Excellence

Orthopaedic Surgery Robotic Programs

Mako Smart Robotics Technology has allowed us to provide joint replacement surgeries that are personalized to each patient's anatomy. Using CT-based guidance, we can reliably create individualized pre-operative plans in three dimensions. Intra-operatively, we can then further tailor these to consider the patient's muscle, tendon and ligament tension / ability, as well as bone quality. We are pairing the use of robotic surgery with peri-operative gait analysis to generate world-class research on osteoarthritis progression, surgical decision making, and outcomes from personalized knee replacement surgery. We have completed over 1000 cases, over 700 at the DGH and over 350 at the HI.



Neurosurgery Robotic Programs

Epilepsy: The ROSA One Brain System, an advanced surgical robot and the first of its kind in Atlantic Canada, was acquired by the Halifax Surgical Epilepsy Team with the first case in the fall of 2024. The use of the ROSA robot technology integrates seamlessly with existing planning stations, significantly enhancing electrode placement precision, reducing surgical time, and minimizing risks associated with depth electrode implantation (SEEG). Dr. David Clarke and Dr. Dan McNeely completed 11 surgical cases using the ROSA robot this past year (2025).

Brain Tumours: The Stealth Autoguide cranial robotic guidance platform allows for continuous real-time visualization, feedback, and robotically assisted movement to align a biopsy needle with the surgical plan to accurately locate a brain lesion with direct depth stop calculation and confirmation of biopsy location when brain biopsy procedures are performed. The Stealth Autoguide platform integrates seamlessly with existing StealthStation system and Midas Rex™ drill technology to improve workflow efficiency and accuracy. The Neurosurgical team completed 14 surgical cases using Stealth Autoguide this past year (2025).

Spine: The Mazor X Stealth Edition is a robotic-assistance platform for the insertion of pedicle instrumentation. The system consists of a multi-jointed robotic arm, which is securely fixed to the patient, coupled with an impressive surgical planning software package that allows the surgeon to pre-operatively design the optimal construct based on the pathology and surgical goals, delivering a customized construct. Following acquisition, and the first Canadian case in 2022, this technology is now utilized by all spine surgeons, from both neurosurgery and orthopaedics, with the case utilization continuing to increase. In 2025 we surpassed 100 cases, with a calculated learning curve of approximately 10 cases to achieve proficiency. This is the largest series in Canada and is being presented at the Canadian Spine Society meeting. Dr. Andrew Glennie (Orthopaedics) and Dr. Sean Christie (Neurosurgery) continue to be actively involved in developing research and education strategies for robotics in spine surgery for Canadian surgeons.



Research

The Department of Surgery Research Office is focused on building a sustainable and inclusive research culture by prioritizing investment in highly qualified personnel and integrated supports. Our goal is to directly support our clinician researchers, particularly those early on in their careers as they navigate the challenges of establishing themselves as principal investigators in an environment where external funding, particularly from Tri-Council sources, becomes ever more competitive.

In early 2025, the Research Committee adopted new investment goals to foster supportive research teams. This included a strategic reallocation of Departmental research funds to directly support and retain Divisional research personnel, as well as to aid our members in engaging analysts in the Department of Community Health and Epidemiology to provide research design and biostatistical support.

The Research Committee continues to offer competitive internal funding opportunities, including bridge and matching grants, to support research momentum and improve the competitiveness of our members in external funding competitions. Operational grants for stand-alone projects remain a staple of Departmental support. In cooperation with Division heads, we have also developed a formalized, iterative process for the disbursement of establishment funding to new hires to ensure that new faculty with a research program have the tools they need to hit the ground running when they join our Department. Additionally, the Research Office continues to earmark funds to the handful of our surgeons who remain engaged in basic discovery research.

Developing the next generation of not just surgeons but surgeon researchers is one of the top priorities of the Department. Each year, the Research Office provides financial support and mentorship to promising clinical trainees wishing to pursue a graduate degree during their residency through the Royal College’s Clinician-Investigator Program (CIP). This past year the Department had four residents enrolled in the CIP.

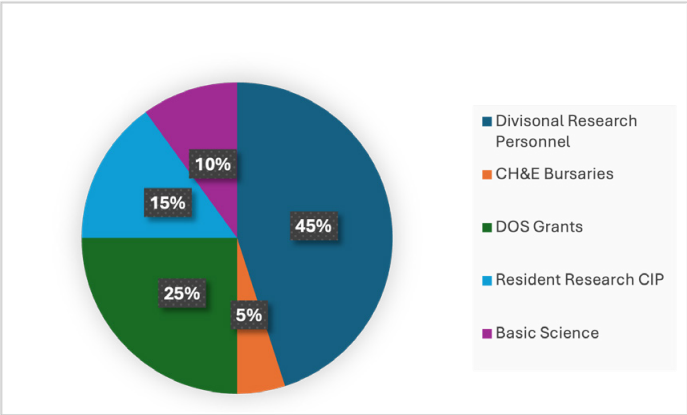
This year also saw the Research Committee revise the Department’s long-standing research productivity reporting system, the so-called Hirsch score. Working with Departmental IT lead Marc Butler, we are developing a new AI-enhanced platform to rapidly analyze a standardized CV and automatically generate a score without our members having to individually enter each datum. The aim is for this new platform to be rolled out in time for reporting of deliverables at the end of this year.

The Research Office remains committed to allocating Departmental research funding equitably across all Divisions and researchers. In an increasingly competitive external funding environment, identifying common strengths, supporting promising trainees and faculty and investing in shared infrastructure and supports means research in our Department can continue to grow.



Research Chair Dr. Bezuhly

DISTRIBUTION OF RESEARCH FUNDS



DOS Research Funding 2025

\$ 577,137.07

OPERATIONAL GRANTS

Dr. Elise Graham: \$30,432

Division of Pediatric Otolaryngology
 “From Residency to Practice: A Mixed-Methods Study of Relationships, Family and the Otolaryngology Career Arc”

Dr. Glen Richardson: \$50,000

Division of Orthopaedics “Evaluating the Effect of Robotic Assistance Total Knee Arthroplasty (TKA) Utilizing two Surgical Exposures: Medial Subvastus Approach vs Medial parapatellar Approach”

BRIDGE FUNDING

Dr. Michael Bezuhly Co-PI – CIHR:
 \$ 24,963.66

Dr. Alison Wallace Co-APP Site Lead NIH:
 \$ 22,044.00

Dr. Andrew Glennie PI – CIHR:
 \$ 24,697.00

Dr. Ivan Wong PI – CIHR:
 \$ 25,000.00

ESTABLISHMENT GRANTS

Dr. Jason Howard, Pediatric Orthopaedics
 \$35,000

Dr. Mark MacLean, Division of Neurosurgery
 \$50,000

CLINICAL SCIENCE SUPPORT

Dr. Michael Bezuhly \$ 12,166.66

Dr. Carman Giacomantonio \$ 11,166.66

Dr. Sean Christie \$ 12,166.66

Dr. Alison Wallace \$ 12,166.66

Dr. Jim Fawcett \$ 10,166.66

Dr. Adrienne Weeks \$ 17,166.66

Dr. Boris Gala Lopez \$ 5,000.00

DIVISIONAL RESEARCH PERSONNEL SUPPORT

Orthopaedics \$40,000

Plastic Surgery \$35,000

General Surgery \$40,000

Neurosurgery \$35,000

Pediatric Surgery \$40,000

Thoracic Surgery \$30,000

Cardiac Surgery \$35,000

Vascular Surgery \$30,000

Otolaryngology \$35,000

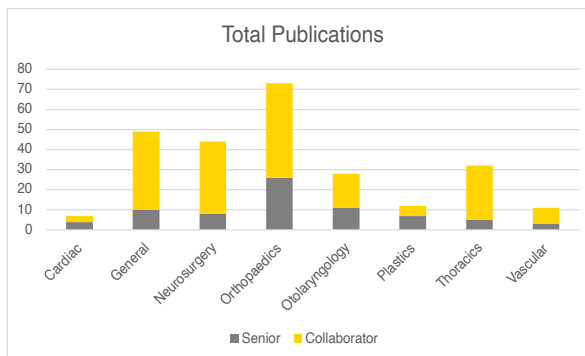
TOTAL PUBLICATIONS

In 2025 we published 229 journal articles, 112 as senior authors and 117 as contributors. To find a full list of the publications, please see appendix 2.0 or visit DalDOS.ca and find your way to the research section.

Publications Over Six Years

(Senior / Collaborator)

2020	154	(96/137)
2021	192	(83/156)
2022	237	(93/108)
2023	205	(76/196)
2024	193	(74/182)
2025	226	(110/199)



Research Day



DR. ROBERT STONE TRAVELLING FELLOWSHIP

**DR. JENNA SMITH-FORRESTER –
RESIDENT NEUROSURGERY**

“Quality Improvement in Neurosurgery: The Success of the Spine Assessment Clinic in Reducing Post-Op Emergency Department Visits”



BEST RESIDENT PRESENTATION

**DR. KALPESH HATHI – RESIDENT
OTOLARYNGOLOGY**

“Patient Perspectives of Quality Compared to Quantity of Life Regarding Orbital Exenteration”



BEST MEDICAL STUDENT PRESENTATION

OLIVIA PICCOLO – PLASTIC SURGERY

“Self Inflicted Hand Fractures as a Predictor of Future Psychiatric Conditions in Pediatric Population”



BEST GRADUATE STUDENT PRESENTATION

**EDWIN LEONG – MICROBIOLOGY &
IMMUNOLOGY, PLASTIC SURGERY**

“Ketotifen Inhibits the Pro-Fibrotic Phenotype of Activated Skin Fibroblasts”

Research Grants

	TOTAL 2025	NUMBER OF GRANTS	PI	CO-PI	CO-APP
General	\$4,168,341.46	10	3	0	8
Cardiac	\$100,000.00	1	1		
Otolaryngology	\$14,648,646.11	7	2	1	4
Thoracics	\$31,597,880.00	5	1	2	2
Neurosurgery	\$14,388,348.00	18	3	3	13
Plastics	\$735,572.00	6	1	4	1
Orthopaedics	\$3,142,578.00	12	9	3	6
Vascular	\$103,573.00	2	2		
TOTAL	\$68,884,938.57	61	22	13	34

CHAIRS

RAMIA CHAIR IN CANCER RESEARCH – Dr. Carman Giacomantonio

QEII Chair in Arthroplasty – Dr. Michael Dunbar

PI driven grants held, 22 grants are held in the DEPT		Co PI Grants held, 13 grants are held in the Dept	
General	\$2,365,341.46	General	\$25,000.00
Otolaryngology	\$120,000.00	Cardiac	\$100,000.00
Thoracics	\$250,000.00	Otolaryngology	\$40,000.00
Neurosurgery	\$235,734.00	Thoracics	\$150,000.00
Plastics	\$24,970.00	Neurosurgery	\$1,088,451.00
Orthopaedics	\$1,163,392.00	Plastics	\$610,612.00
Vascular	\$103,573.00	Orthopaedics	\$1,301,725.00
PI Held Monies	\$4,263,010.46	Co-PI Monies	\$3,315,788.00

For a full list of grants and publications please see appendix 2.0 as well as visit DalDOS.ca and find your way to the Research section.

Education: 2025 Dalhousie Surgery Graduates



Back row left to right:
 Jae Ho Han, Abdullah Ashour, Elisabeth Savonitto, Abdulrahman Al-Abduljabbar, Malik Ali.
 Front row left to right:
 Lujain Attar, Victoria Long, Allison Keeping, Kaleena Johnston
 Not present for photo:
 Dr. Roberto Ribeiro, Dr. Abdulaziz Bokeris, Dr. Michael Whitcomb, Dr. Alexander Clark, Dr. Usman Khan, Dr. Victoria Kuta, Dr. Ahmad AlShammari, Dr. Todd Dow, Dr. Bradley Greene

CARDIAC SURGERY

6 residents in the 6 year program

David Horne
 Program Director
 Roberto Ribeiro
 Clerkship Representative

GENERAL SURGERY

27 residents in the 5 year program

Chris Kenyon
 Program Director – interim
 Stephanie Hiebert
 Clerkship Representative

NEUROSURGERY

10 residents in the 6 year program

Gwynedd Pickett
 Program Director
 Simon Walling
 Clerkship Representative

ORTHOPAEDIC SURGERY

19 residents in the 5 year program

Andrew Glennie
 Program Director
 David Wilson
 Clerkship Representative

**OTOLARYNGOLOGY
 HEAD AND NECK SURGERY**

11 residents in the 5 year program

Chris Chin
 Program Director
 Ayham AlAfif
 Clerkship Representative

PEDIATRIC GENERAL SURGERY

1 resident in the 2 year program, after general surgery training

Chris Blackmore
 Program Director
 Jessica Mills
 Clerkship Representative

PLASTIC SURGERY

12 residents in the 5 year program

Jack Rasmussen
 Program Director
 Justin Paletz
 Clerkship Representative

SURGICAL FOUNDATIONS

Andrew Trenholm
 Program Director
 Alexander Ednie
 Associate Director

DEPARTMENT CLERKSHIP DIRECTOR

Andrew Simpson

86 Surgical residents
31 total Fellows

Education

MENTOR OF THE YEAR

David Horne, MD, DCH, FRCSC

Associate Professor
 Pediatric and Adult Congenital Heart Surgeon
 Humanitarian Pediatric Cardiac Surgery
 Pediatric Mechanical Circulatory Support
 Dalhousie Residency Program Director
 CSCS Bootcamp Director



Fellowship Highlights:

AHPBA FELLOW CERTIFICATE

The Education and Training Committee of the AHPBA reviewed the data from our recent trainee and provided benchmarking data. It is clear that Dalhousie provides a fantastic training opportunity for General Surgery Residents who want subspecialty training in HPB Surgery.

CATEGORY	2025	REQUIREMENTS	HPB FELLOWSHIP PROGRAMS MEDIAN 2025
Biliary	74	15	27
Liver Major	112	20	35
Liver Total	288	25	104
Pancreas Whipple	83	20	44
Pancreas Total	156	25	86
HPB Total	466	100	209
HPB Total as Primary Surgeon	419	70	162
US Biliary	23	5	15
US Liver	147	25	58
US Pancreas	48	25	37
US Targeting	31	5	25
MIS Liver (included in Liver Total)	31	5	14
MIS Pancreas (included in Panc Total)	44	5	23
Ablation Experience	27	1	13

Education

DIVISIONAL TEACHING AWARDS

CARDIAC

Dr. Greg Hirsch

GENERAL

Dr. Chris Kenyon

Dr. Lucy Helyer

Dr. Dan Vidovic (resident award)

NEUROSURGERY

Dr. Stephen Lownie

ORTHOPAEDICS

Dr. Andrew Trenholm UGME

Drs. Chad Coles, David Wilson PGME

OTOLARYNGOLOGY

Dr. Devin Piccott

PLASTICS

Dr. Jason Williams

THORACIC

Dr. A Ednie

TOP 10% OF TUTORS

SKILLED CLINICIAN

Dr. Duncan Smith, Orthopaedics

Dr. Elaine Fung, Otolaryngology

MED 1 TUTORS

Dr. Christopher Blackmore, Pediatrics

Dr. Stephanie Hiebert, General

Dr. Min Lee, Vascular

MED 1 TUTORS

Dr. Emily Krauss, Plastics

CERTIFICATE OF MERIT AWARD RESIDENT EXCELLENCE

Dr. Jack Rasmussen

Dr. Adrienne Weeks



Residents: otolaryngology on left, general surgery on right

Welcome to our new Department of Surgery Education Administrators



Emike Ibeagboade – Surgical Foundations and Fellowship Administrator

Emike completed her Bachelor of Health Sciences and Public Health at Cape Breton University in 2020.

She started her career as the care coordinator at pt Health in 2021. She transitioned into medical education as the Undergraduate Education Coordinator in the Department of Medicine (DOM) in 2022, supporting Dalhousie University medical students through the DOM subspecialties. Later in 2022, she assumed the role of Residency Program Postgraduate Education and CBD Coordinator in Internal Medicine. In 2024, her responsibilities in that division expanded when she took on the additional role of Postgraduate Education Program Administrator. In these roles she supported the competency by design program spanning two Dalhousie sites – QEII and NB. She has played a key role in program administration, resident assessment processes, and file management. She has worked with Faculty of Medicine, MaDOC's office, Royal College of Physicians and Surgeons of Canada and other relevant individuals and organizations regarding a variety of education matters.

She brings to her new position a strong background in program coordination, and medical education along with a proven commitment to supporting learners and advanced educational excellence.



Marina Muberwa – Undergraduate Education Administrator

Marina completed her Bachelor of Science (Mathematics and Chemistry) in 2015 at Mount Saint Vincent University, Halifax. She began her career at Mount Saint University as a mathematics summer research assistant, a role she held from 2016 to 2019.

In 2021, Marina joined the Ulnooweg Education Center as an Education Program Coordinator, where she was later promoted to the Education Facilitator Team Lead and Subject Matter Expert (SME) in Mathematics – the first SME in Mathematics.

She brings to her new role experience in education, program development and an ability to support learners.

New Faculty Appointments



DR. ELISE GRAHAM

ASSOCIATE PROFESSOR

January 2025

Dr. Elise Graham is a pediatric otolaryngologist, head and neck surgeon, originally from Nova Scotia. She completed medical school and residency training at Dalhousie University, followed by a fellowship in pediatric otolaryngology – head and neck surgery at the University of Utah. She has practiced as a pediatric otolaryngologist at Western University since 2018, and was recruited back to Dalhousie in 2025 to join the division, where she now holds the position of research director. She has additional board certification in breastfeeding and lactation medicine, and has focus in airway, feeding and swallowing.



DR. ANDREW SIMPSON

ASSISTANT PROFESSOR

January 2025

Dr. Andy Simpson is a plastic and reconstructive surgeon returning to his home province of Nova Scotia after working in Ontario for 5 years. After completing medical school and residency training at Dalhousie, he completed a research fellowship at the University of Utah in Salt Lake City and advanced limb reconstructive surgery in the United Kingdom. Upon return to Canada, Dr. Simpson worked at the University of Western Ontario (London) for 5 years, specializing in lower limb reconstruction, skin cancer and craniofacial trauma reconstruction. He is in the Division of Plastic and Reconstructive Surgery here in Halifax focusing on craniofacial trauma, lower limb reconstruction and facial surgery.



DR. CATHERINE DESHAIES

ASSISTANT PROFESSOR

February 2025

Dr. Catherine Deshaies attended medical school at McGill University. She completed a PhD in biomedical sciences at Université de Montréal, and residency training, at Dalhousie University. She then completed a 2-year fellowship in pediatric and adult congenital cardiac surgery at the Texas Children's Hospital, USA, followed by another 6 months of pediatric specialization at the Royal Children's Hospital of Melbourne, Australia. She returned to Halifax to start her congenital practice, working both at the IWK and QEII. She is also the Associate Resident Program Director for the division.



DR. KYLA HUEBNER

ASSISTANT PROFESSOR

April 2025

In April 2025 we welcomed Dr. Kyla Huebner to the Division of Orthopedic Surgery. Dr. Huebner is an orthopedic trauma surgeon who will join the team at HI. Dr. Huebner completed medical school at the University of Calgary, Orthopedic residency at Western, Trauma fellowship at Harvard and her PhD under Dr. Cy Frank at the McCaig Institute of Bone and Joint Health at the University of Calgary. Dr. Huebner has been a Clinical Assistant Professor at MUN and in full time practice in St John's NL since 2021. She has been active in research including laboratory work in post-traumatic arthritis.



DR. CLAUDIA COTE

ASSISTANT PROFESSOR

July 2025

Dr. Claudia Côté is a Canadian cardiac surgeon specializing in cardiovascular diseases. She earned her Bachelor of Science from McGill University in 2012 and her Doctor of Medicine from Dalhousie University in 2016. She completed her residency in cardiac surgery at Dalhousie University. During her residency, she pursued a Master of Health Administration at Dalhousie University, focusing her thesis on the social determinants of adverse outcomes in aortic surgery patients in Nova Scotia.

Dr. Côté pursued additional training in aortic valve repair and valve-sparing operations at University Hospitals Pitié-Salpêtrière in Paris, France, as well as transcatheter valve implantation at the Centre hospitalier de l'Université de Montréal in Quebec. She joins the multidisciplinary aortic valve consultants with expertise in aortic valve repair, valve-sparing operations, aortic surgery, and transcatheter aortic valve interventions.



DR. MARK MACLEAN

ASSISTANT PROFESSOR

July 2025

Dr. Mark MacLean is a neurosurgeon originally from Nova Scotia. He completed his medical school and residency at Dalhousie University. He recently completed a fellowship in complex spinal surgery and neurotrauma at the University of Pittsburgh School of Medicine. During that time, he served on the medical staff of the Pittsburgh Steelers. His research focuses on brain and spine trauma, including translation of laboratory-based, mechanism-directed research to the clinical setting.

New Faculty Appointments



DR. HEATHER GILL

ASSOCIATE PROFESSOR

July 2025

Dr. Heather Gill, originally from Montreal, completed her General Surgery training at McGill University in 2012. During her residency she earned a master's degree in public health from Harvard University. She went on to complete her Vascular Surgery Fellowship at Columbia University Medical Center and Weill Cornell Medical College in 2014 where she had exposure to all advanced endovascular treatments including those for aortic pathology as well as carotid, mesenteric and peripheral arterial disease. Her clinical practice as an associate professor of surgery at McGill university included treatment of aortic, peripheral, carotid, and mesenteric vascular disease, as well as AV access work and TOS pathology. Dr. Gill was the chief of research for the division of vascular surgery with a focus on outcomes based research. She has won multiple grants and awards for her research into prehabilitation in vascular surgery and has presented at the national and international meetings. Dr. Gill has been very active in Canadian Society of Vascular Surgery, serving as program chair, research chair, president elect, president and is currently the past president. She is also on the Strategic Board of Directors of the Society of Vascular Surgery.



DR. ADAM POWER

ASSOCIATE PROFESSOR

July 2025

Dr. Adam Power attended medical school at Dalhousie University followed by a general surgery residency at McMaster University. During residency, he completed a Master's in Bio-Science Enterprise (MBE), a multidisciplinary biotechnology and business degree program, at the University of Cambridge. After finishing his residency, he completed a Vascular Surgery Fellowship at Mayo Clinic before working as an Associate Professor in the Department of Surgery at Western University from 2012-2025. At Western University, Dr. Power was Program Director of the Vascular Surgery Residency Program from 2013-2021 after which he was the McLachlan Chair of Postgraduate Education from 2020-2022. Dr. Power has established himself as a Canadian expert in complex venous diseases and has multiple industry grants, publications, presentations and book chapters. Dr. Power's research interests include innovation and medical device development. He is the co-founder and Chief Medical Officer of Front Line Medical Technologies, a company that specializes in helping critical patients survive with innovative medical devices.



DR. JHASE SNIDERMAN

ASSISTANT PROFESSOR

August 2025

Dr. Jhase Sniderman is an orthopaedic surgeon, originally from Toronto, Ontario. He completed his undergraduate degree at the University of Prince Edward Island where he was an academic all-Canadian athlete. He then went on to complete medical school at the University of Ottawa and his orthopaedic residency at the University of Toronto. He is dual fellowship trained in both Orthopaedic Trauma from the University of Toronto in 2022 and Adult Hip and Knee Reconstruction from Boston University in 2023. He completed a Masters of Science in 2022 from the Institute of Health Policy, Management and Evaluation at the University of Toronto. He comes to Nova Scotia after working for 2 years at the Concordia Hip and Knee Institute, a high-volume adult hip and knee reconstruction practice in Winnipeg, Manitoba. He specializes in minimally invasive direct anterior total hip replacement and robotic assisted joint replacement. His research interests include optimizing orthopaedic care for patients living with obesity, wound healing and multi-centre clinical trials.



DR. ROBERTO RIBERO

ASSISTANT PROFESSOR

August 2025

Dr. Roberto Ribeiro is originally from Brazil, where he completed medical school and a residency in General Surgery at the Federal University of Rio Grande do Sul. He subsequently earned a PhD at the University of Toronto, with a research focus on novel myocardial preservation strategies for heart transplantation. Dr. Ribeiro then completed his residency in Cardiac Surgery at Dalhousie University, followed by a fellowship in Advanced Mitral Valve and Minimally Invasive Cardiac Surgery at Maastricht University Medical Center in the Netherlands. He now returns to Nova Scotia to join the Division of Cardiac Surgery at the Halifax Infirmary.



DR. MADELEINE DE LOTHBINIERE-BASSETT

ASSISTANT PROFESSOR

September 2025

Dr. Madeleine de Lotbinière-Bassett completed undergraduate medicine at the University of British Columbia and a postgraduate, Master of Science in Engineering degree from Stanford University, before neurosurgical training at the University of Calgary. Most recently, she completed a skull base and cerebrovascular fellowship at the University of Utah, which will become her neurosurgical focus. Her research experience and ongoing interests include: surgical robotics with aerospace applications, brain-computer interface technology, virtual reality platform development for medical education, neuroethics and more generally, user-centered technology design.

New Faculty Appointments



DR. JULIA RADIC

ASSISTANT PROFESSOR

September 2025

Dr. Julia Radic is a pediatric and general neurosurgeon excited to be returning to Nova Scotia after ten years away. She completed her neurosurgery residency at Dalhousie University after finishing medical school at Queen's University, and she also completed a Masters of Public Health at Harvard School of Public Health. She subsequently completed her pediatric neurosurgery fellowship at BC Children's Hospital in Vancouver, and then worked as a staff pediatric and general neurosurgeon in Saskatoon for close to eight years. In that time, she worked with a multidisciplinary team to lead the transition of pediatric neurosurgery services to the new pediatric hospital for the province of Saskatchewan. She has clinical and academic interests in neurooncology, tethered cord, epilepsy and quality improvement.



DR. JASON HOWARD

PROFESSOR

September 2025

Dr. Jason Howard is a Pediatric Orthopedic Surgeon. For the last six years, Dr. Howard practiced at Nemours Children's Hospital–Alfred I. duPont Campus in Wilmington, Delaware. Prior to joining Nemours in 2019, Dr. Howard spent 5+ years as the Chief of Orthopedic Surgery at Sidra Medicine, a greenfield Women and Children's Hospital in Doha, Qatar, partnered with Weill Cornell Medical College. He completed his medical training at Memorial University in 1998 and residency training in Orthopedic Surgery at the University of Calgary in 2003. His Fellowship training was at the Royal Children's Hospital, Melbourne, followed by a Fellowship in Pediatric Spine Surgery at Starship Children's Hospital in Auckland, New Zealand. He became a member of the Royal College of Physicians and Surgeons of Canada in 2003 and the American Board of Orthopedic Surgery in 2022. In 2017, Dr. Howard completed a sabbatical at Inselspital, Bern, Switzerland where he trained in Pediatric Hip Preservation. In addition to his medical training, Dr. Howard also holds a bachelor's degree in electrical engineering (Memorial) and graduate studies in Biodesign at Stanford University.



DR. HEATHER MCFADGEN

ASSISTANT PROFESSOR

September 2025

Dr. Heather McFadgen is a colorectal surgeon originally from Nova Scotia. She completed her undergraduate degree at Dalhousie University and worked for a few years as a Registered Nurse in Halifax prior to attending medical school and completing a general surgery residency, both at Dalhousie University. She went on to fellowship training in colorectal surgery and a Master of Education at the University of Toronto. She is returning to Halifax to join the colorectal surgery group.



DR. ADRIAN MENDEZ

ASSISTANT PROFESSOR

October 2025

Dr. Andrian Mendez completed his MD at Dalhousie University in Halifax, Nova Scotia. He then did his post-graduate training in Otolaryngology-Head and Neck Surgery at the University of Alberta. During his otolaryngologic residency training, Dr. Mendez completed a Doctor of Philosophy degree in clinical epidemiology and experimental surgery. Dr. Mendez has also taken an active role in humanitarian and global health issues. He developed a yearly surgical outreach program to South America through the Otolaryngologic Division at the University of Alberta to assist an underserved region of Bolivia. Dr. Mendez has received national and international awards for his research and is currently pursuing an academic career as a surgeon/scientist. Dr. Mendez was previously an Assistant Professor in the Department of Otolaryngology- Head and Neck Surgery at Western University.



DR. ALEXA MORDHORST

ASSISTANT PROFESSOR

January 2026

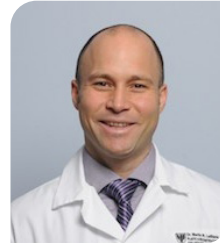
Dr. Alexa Mordhorst is from Vancouver, British Columbia. She completed her medical school training in 2019 in Vancouver at the University of British Columbia. She remained there for her Vascular surgery residency which she completed in 2024. Following this, she moved to the United Kingdom where she completed her fellowship in Deep Venous reconstruction in London at Guys' and St. Thomas' Hospital, where she had the opportunity to work under the renowned Professor Stephen Black. She looks forward to bringing this knowledge back to Canada and incorporating these new techniques into her Vascular surgery practice.

Our Academic Community

Promotions



DR. MICHAEL BEZUHLY
Plastic Surgery
Professor



DR. MARTIN LEBLANC
Plastic Surgery
Associate Professor



DR. GLEN RICHARDSON
Orthopaedic Surgery
Professor



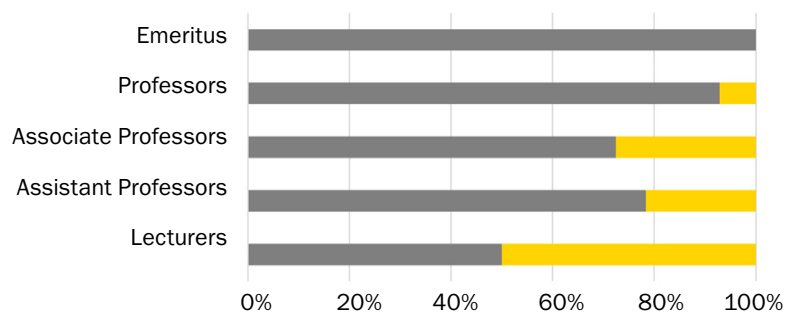
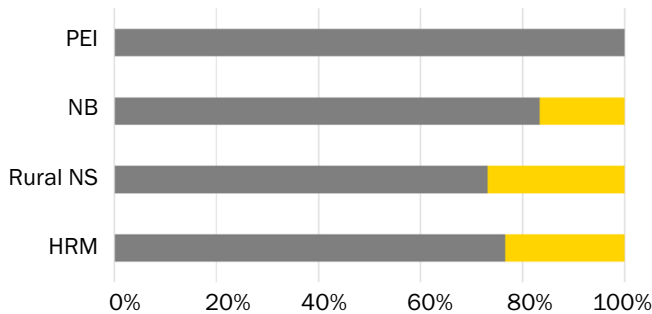
DR. KATERINA NEUMANN
General Surgery
Associate Professor



DR. ALISON WALLACE
Thoracic Surgery
Associate Professor

Academic Community

Our staff covers the Maritime provinces in urban and rural locations. Within the Halifax region we have the nucleus of our staff working at the Halifax Infirmary, Victoria General, Dartmouth General and the IWK Hospitals. We strive for excellence with our workforce and we encourage everyone to apply for promotions. **Between 2022 and 2025 the percentage of female professors within HRM has risen from 16% to 23%.** We hope to see that number continue to grow. For the Maritime provinces we are slightly below with 21%.



■ Male ■ Female

Saying Goodbye

CHARLENE KEATS

Charlene began her career in Admitting at the VG Hospital in January 1978 - an incredible 47 years ago. After about a year and a half, she moved to the Division of Otolaryngology where she worked until transitioning with Dr. Kirkpatrick to the Departmental Offices. Charlene spent the final 16 years of her career as the Executive Assistant to the Department head and retired on August 29, 2025. Her cheerful demeanor and warm smile will be missed by all who have had the pleasure of working with her.

SHEILA REID

Sheila began her role as Departmental Education Coordinator in March 30, 1998, bringing with her a background in education as an English Teacher. Throughout her career, Sheila supported and guided a wide range of learners, including clinical clerks, medical students and residents. She was a constant source of encouragement and advice serving as the steady presence students needed. Her dedication to education and genuine care for students has left a lasting impact on the Department.

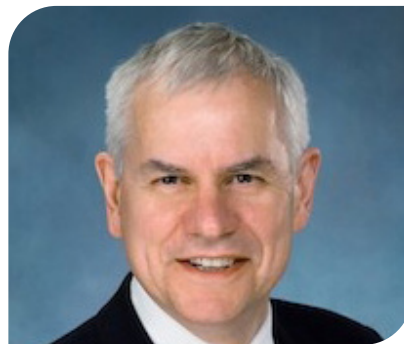
DR. MARTIN CORSTEN, ASSOCIATE PROFESSOR

Dr. Corsten has moved to the Advent Health Medical Group in Daytona Beach, Florida. We wish him the best of luck.

PROFESSOR EMERTI



Dr. Kirkpatrick served as Department Head from 2009 to 2022 during which time he guided the department to our current AFP model in particular recognizing the importance of nonclinical work such as teaching and research as having equal importance. He provided a steady hand on the wheel during some challenging times including COVID.



Dr. Don Lalonde is one of the highest profile plastic surgeons in Canada and was instrumental in developing and disseminating the practice of “Wide Awake Surgery Under Local Anesthesia”, not only in Atlantic Canada but across the country, the US and the world.



Dr. Geoff Porter has contributed to cancer care not only here in Halifax but across Canada with a focus on quality and delivery of care. He was the inaugural Gibran and Jamile Ramia Chair in Surgical Oncology. He was a founding member of the Beatrice Hunter Cancer Research Institute, a senior scientific lead for the Canadian Partnership Against Cancer, a member of the CIHR Institute of Cancer Research Advisory Board and the Ontario Institute of Cancer Research board of directors. In “retirement” he continues to work with the Cancer International Benchmarking Project. Congratulations to you all! Well deserved!

Quality

It has been a busy year in quality for the department. We benefit from high-quality observational registries, including The National Surgical Quality Improvement Program (NSQIP), which collects over 150 variables and benchmarks our performance with over 700 hospitals. Reports are available quarterly on our Tableau Server. We participate in Canadian and Nova Scotia-wide collaboratives, allowing for benchmarking within our healthcare system and giving us opportunities for research and development. Our surgeon champion, Dr. Richard Hurley, shares outcomes and compliance with improvement toolkits with divisional leaders. Outcomes are shared with all providers during semiannual 'O.R. Information Days' near the ORs (see Figure 1a). Methodology is established to allow provision of individual surgeon outcomes to providers and is in a beta test phase before being rolled out across specialties, with an expected launch date in 2026.



Figure 1b

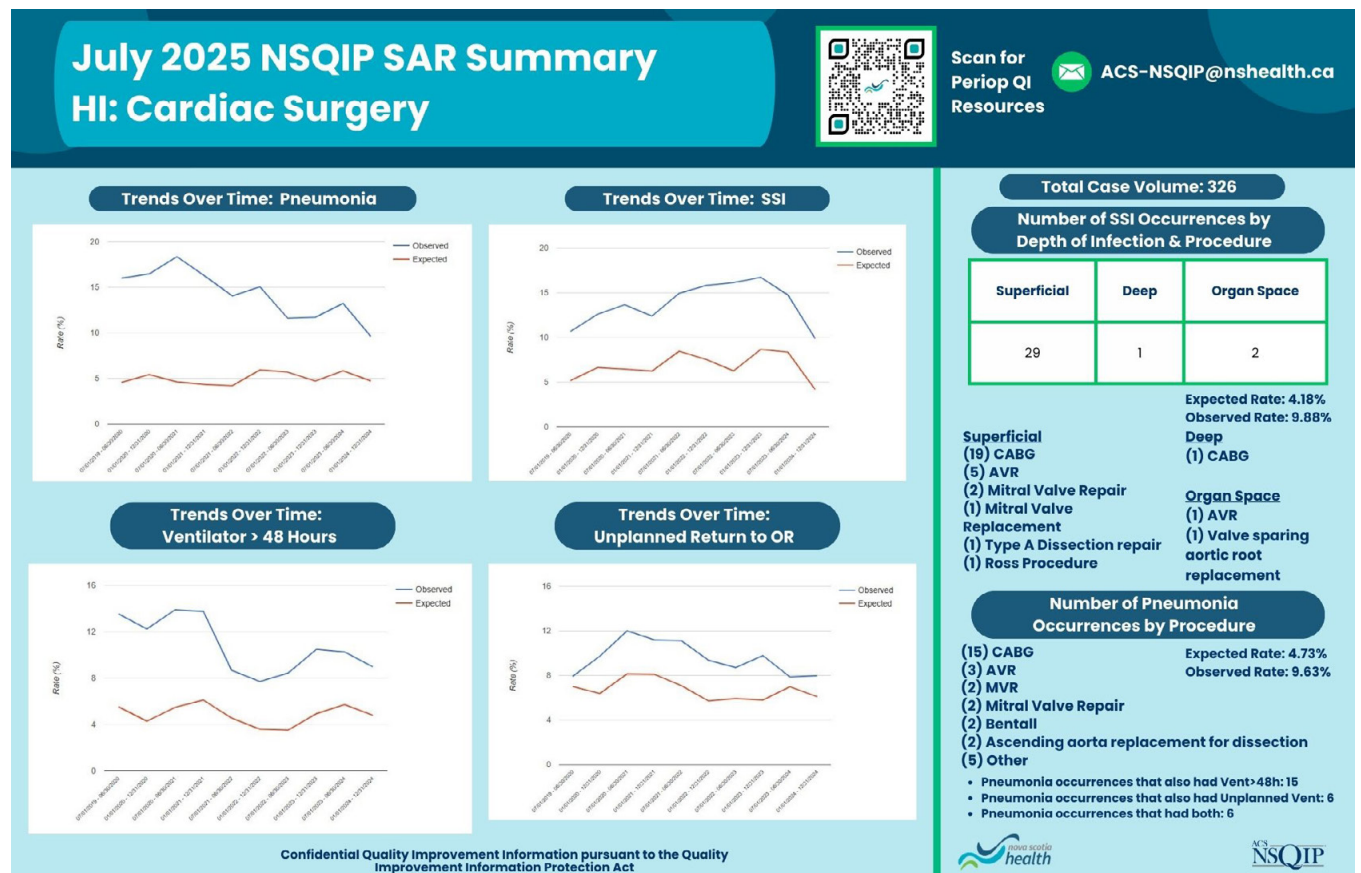


Figure 1a

We also participate in The Vascular Quality Initiative, led by Dr. Sam Jessula, leveraging data for research and QI efforts. Their smoking cessation project reduced preoperative smoking from 43% to 34%, earning a three-star participation award (see Figure 2).

We are now adding a third detailed observational database, The Society of Thoracic Surgeons (STS) Adult Cardiac Surgery Database. Capturing all cardiac surgical interventions, this database joins the congenital cardiac surgery database already in existence at the IWK. Launching in January 2026, the STS database will allow arms-length benchmarking of our cardiac surgery outcomes internationally, including a large cohort of Canadian Hospitals. All of these efforts are funded and administered by the Nova Scotia Health Perioperative Network, affording access to high-quality, risk-adjusted outcomes provincially (see Figure 3).

Figure 2

Figure 3

There have been an array of enhanced recovery after surgery (ERAS) initiatives under development. Informed by the success of Dr. Lana Saciragic, who launched ERAS in gynecologic oncology some years ago, these efforts are coming to fruition. Under the leadership of Dr. Pieter de Jager (Cardiac Anesthesia) and with the support of both zone and network personnel, a comprehensive QI effort has been launched addressing pre-, intra-, and post-operative management of The Cardiac Surgery Patient. This has been augmented by the availability of Seamless MD, a patient communication tool that provides instructions for patients and allows communication with the health care team. Together, we have seen a marked decline in surgical site infection and pneumonia rates in cardiac surgery since the launch of the ERAS effort (see Figure 4 a, b).

PRE		INTRA	ICU	POST-FLOOR
ERAS TEAM				
Patient education and counseling: Seamless MD				
Smoking & OH		PONV prophylaxis	PONV prophylaxis and treatment	
Anemia	Opioid sparing multimodal analgesia			
HbA1c		Amnesia titration with EEG	Delirium screening, prevention and treatment	
-Nutrition Assessment & optimization	-Preop fasting with CHO drink 2 hrs pre	Correct antibiotic, dosing and redosing		
		Chlorhexidine-OH-based skin prep	Extubation time <4-6 hours	High risk patient - CCRT review
			- Early mobilization and physiotherapy	
- Decolonization, MRSA Screening, clipping		Perfusion strategies	- NGT removal, early feeding	
		Goal directed fluid/hemodynamic management		Discharge criteria
- Prehabilitation		Glycemic control/temperature management		Post Discharge phone follow-up
Overarching		Goal directed coagulation management		
SSI		Ventilator strategies		
Early extubation		Sternal wound management		
PBMP				

Figure 4a

Multiple other ERAS efforts are underway, including a colorectal pathway supported by a Healthcare Excellence Canada award. A detailed ERAS pathway is ready for launch across four sites in Nova Scotia, including The Victoria General Hospital. In addition, spine surgery, thoracic surgery, and metabolic obesity surgery are under active development.

The ERAS advisory committee, co-chaired by Dr. Andrea Lantz and Dr. Greg Hirsch, has identified opportunities to ease the implementation of additional ERAS pathways through the identification of universal measures that can be triggered at the point of patient booking. Based on the Health History Questionnaire, patients can be identified and their care optimized across a broad range of conditions, including diabetes, anemia, ongoing smoking, and unintended weight loss. They are also working closely with OPOR to facilitate the introduction of ERAS Pathways and Order Sets as Oracle Health is prepared to launch.

Recently, we have embarked on a project to reduce the risk of a cardiac adverse events occurring after non-cardiac surgery. Working with our cardiology and internal medicine colleagues, a guideline has been developed and is being implemented broadly whereby patients at increased risk of these events undergo proactive surveillance for myocardial injury through measurement of post-operative troponins and an EKG.

The combination of unprecedented amounts of high-quality, risk-adjusted outcomes data across multiple disciplines has created a fertile environment for the launch of QI efforts across all disciplines, allowing for a myriad of quality initiatives. There is not room to list all efforts in detail in this update, but some examples include efforts to reduce opioid prescribing through multimodality pain management (Dr. Devin Ferguson, Orthopaedic Surgery) and the inclusion of major morbidity in addition to mortality; review of relevant SIMS events; and PROMs and PREMs (Dr. Allison Wallace and Dr. Madelaine Plourde, Thoracic Surgery). Working collaboratively with zone and network quality resources has afforded our department a unique opportunity to advance quality improvement efforts for our patients. We look forward to an exciting and productive 2026 as we advance the efforts outlined above.

Cardiac SSI

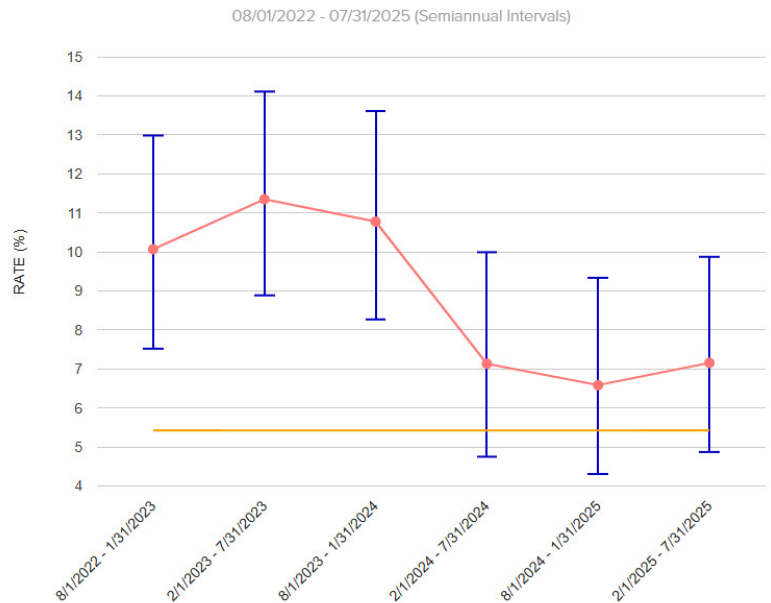


Figure 4b

Global Surgery

Education

In 2025, Dalhousie's Global Surgery Office (GSO) strengthened collaborations with the African Research Group for Oncology (ARGO), Obafemi Awolowo University (OAU) in Nigeria and established a rapidly growing partnership with the University of the West Indies (UWI).

In April, the GSO delivered the second annual Dal/ARGO Colonoscopy Course in Ile-Ife, Nigeria, led by general surgeons, Drs. Gregory Knapp and Richard Spence, enhancing colorectal cancer care in the region.

This course also seeded the Dalhousie-UWI partnership, with the first part of the two-way surgical resident exchange taking off this past March. UWI general surgery resident Dr. Shaliza Ali completed a two-month research elective at Dalhousie on microsatellite instability (MSI) testing in a Barbadian colorectal cancer cohort with the support of mentors Dr. Knapp and Dr. Spence. She also presented her findings at this year's DOS Research Day.

Dr. Gregory Knapp and Dr. Richard Spence were guest faculty and presenters at the CaSES 2025 Conference in Bridgetown, Barbados. Both surgeons played key roles in the preparation and facilitation of a multi-day laparoscopic training course, including delivering hands-on instruction in the conference's porcine wet lab. The workshop provided regional surgeons and residents with practical experience in various laparoscopic techniques including suturing, knot tying, equipment setup, and core procedures such as hernia repair, cholecystectomy, and bowel anastomosis. Dr. Spence additionally participated in a live laparoscopic colectomy demonstration, while Dr. Knapp presented on the impact of global surgery in low-resource settings.

The second phase of the Dalhousie-UWI exchange launches in January 2026, with Dalhousie 4th year resident, Dr. Rheann Brownstone completing a one-month elective in acute care surgery and trauma at Queen Elizabeth Hospital in Bridgetown, Barbados.

The Acute Care Global Surgery Scholar/Fellowship is finally underway, with the inaugural Global Surgery Scholar, Dr. Rachel Vaughan (Neurosurgery), currently completing a six-month placement at the University of Cape Town, combining clinical work with research in intraoperative neurosurgical emergency simulation.



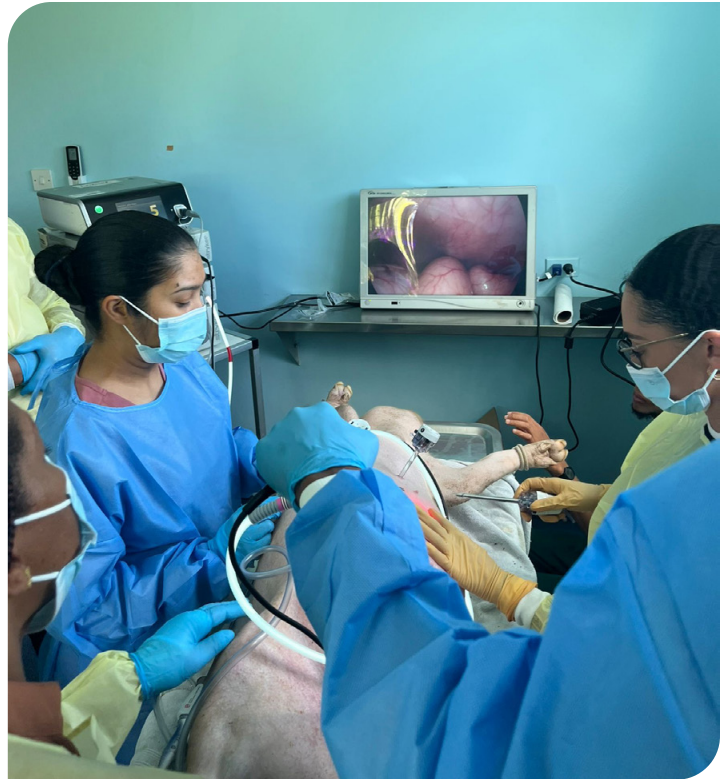
Research

The GSO is hosting Dr. Olalekan Olasehinde, a General Surgeon from Obafemi Awolowo University Teaching Hospital (OAUTH) in Nigeria for a UICC Technical Fellowship at QEII/IWK under Dr. Knapp's mentorship. His fellowship supports his PhD on improving breast cancer diagnosis in low-resource settings, providing exposure to MDT operations and coordinated breast cancer care, with plans to establish a similar model at OAU.

Outreach & Advocacy

In March 2025, Drs. Gregory Knapp, Richard Spence, and Jonathan Trites, Otolaryngology-Head and Neck surgeon, were guest speakers at the Dalhousie CGSTA's student event, "Global Surgery Case Night", sharing their global surgery experiences and initiatives.

To strengthen partnerships and explore new global collaborations, Stephanie Puras, GSO coordinator attended the 2025 Bethune Round Table at the University of Calgary, Alberta. During the conference, the GSO coordinator connected with surgeons and representatives from other global surgery offices, including a longtime Dalhousie GSO partner, Prof. Olusegun Alatisie from OAU, Nigeria, further strengthening ongoing international collaborations.



Cardiac Surgery



QEII

Dr. I Ali
Dr. R Baskett
Dr. A Caddell
Dr. C Côté
Dr. C DiQuinzio
Dr. C Herman
Dr. G Hirsch
Dr. R Ribeiro
Dr. P Tremblay
Dr. M Vician
Dr. J Wood

IWK

Dr. C Deshaies
Dr. D Horne

During the past year the Division of Cardiac Surgery has continued its evolution. Our Cardiovascular ICU is directed by Dr. Michael Vician who leads our team of Dr. Claudio Di Quinzio, Dr. Andrew Caddell, Dr. Jonathan Gale, and Dr. Braden Dulong. Dr. Di Quinzio was the recipient of the Division of Cardiac Surgery Teacher of the Year Award for 2024-25 and Dr. Caddell was the recipient of both the 2024-25 Bruce Josephson Award for Cardiology Resident Teacher of the Year and the 2025 Department of Medicine Excellence in Education Award. Currently, there are three fellows in the program also lead by Dr. Vician. The Cardiac Surgeons remain in CVICU patient care while advancing our other clinical and non-clinical programs.

Dr. Philippe Tremblay has embraced the role of Surgical Director of Mechanical Circulatory Support and Heart Transplantation working closely with Dr. Roger Baskett, our Cardiology colleagues and nurse coordinators to expand and improve our transplant/VAD service here in Halifax. In addition, Dr. Tremblay serves as our Cardiac Surgery Research Director promoting our clinician researchers in their respective areas of interest including heart failure, arrhythmia, surgical outcomes, EDIRA, and sustainable health and environmental impact.

Dr. Christine Herman has transitioned to Director of the Aortic Clinic and is enhancing our service to these patients with recruitment of our Aortic Clinic Nurse Practitioner, Victoria Sparrow. She is joined in the Aortic Clinic by Drs. Côté, Wood, and Herman and all three take part in the Connective Tissue Clinic with Drs. Gabrielle Horne and Dan Belliveau. Dr. Marcus Przepiorka has joined our team for a one-year Aortic Fellowship. Dr. Herman is also serving as Leader of our Equity, Diversity, Inclusion, Reconciliation, and Accessibility (EDIRA) initiative.

Dr. Claudia Côté joined in mid-July, in TAVI and proximal aortic surgery, and is the Surgical Lead on the Aortic Valve Assessment Team and also takes part in Aortic Surgery and our Ross Program.

Dr. Idris Ali's primary non-clinical focus at present is being a Case-Based Learning Tutor.

Dr. Roberto Ribeiro started on staff in August after his fellowship in the Netherlands learning minimally invasive mitral surgery (MIS). He is the Surgical lead of the MIS Program and collaborates with Cardiology in the mitraclip Program. He and Dr. Baskett have done five minimally invasive mitral valves already with excellent results. Roberto is also the Director of our clerkship program.

Clinical Analysis

3,448

Patient visits

5,633

OR hours

1,357

Operations

+18.8%

Increase

Dr. David Horne continues to serve as our Residency Program Director with Dr. Catherine Deshaies serving as Associate Program Director to enhance a succession plan for the future of our training program. Dr. Deshaies joined us in February after completing two years of fellowship training and is a Pediatric Cardiac Surgeon. Dr. Horne is also the deserving recipient of the Canadian Society of Cardiac Surgeons Mentor of the Year Award presented by the Canadian Cardiovascular Society. David is also the lead of our Ross Procedure Program which also includes Drs. Catherine Deshaies and Claudia Côté. He has mentored and helped Saint John start their program and is slated to do the same in Winnipeg. Our centre has done 45 Ross procedures since his arrival, and the results are excellent. Our Cardiac Surgery Education Coordinator, Lindsay Anderson, is bridging the gap for our trainees at all levels as our programs expand to include fellows and associate physicians.

RESIDENTS

Dr. M AlOtaibi
 Dr. D de waard CIP
 Dr. J Bierer CIP
 Dr. T Amir
 Dr. J McDonald

SURGICAL FELLOW

Dr. M Przepiorka
 Vieira

CVICU FELLOWS

Dr. A Hassan
 Dr. M. Mobarki
 Dr. M. Alzailaie



Dr. Roger Baskett, in addition to his clinical load and participation in the MIS Program, serves as Director of Physician Extenders. He has actively recruited three dedicated Associate Physicians to enhance our clinical care team.

Dr. Greg Hirsch, after thirty years of full-time surgical practice, has reduced his clinical practice to concentrate on his roles as Senior Director of Peri-operative Services and Quality Director for both the Department of Surgery and Division of Cardiac Surgery. Dr. Pieter de Jager (Cardiac Anaesthesia) has collaborated with our team to implement Enhanced Recovery After Surgery (ERAS) protocols. Dr. Hirsch has transitioned our group to the use of Ocean E-Referral and Seamless MD Platforms, improving access to cardiac surgical care at all stages. Both he and Dr. Tremblay were integral in establishing our participation in the STS Database, comparing data across North America for continued improvement and accountability in our surgical outcomes.

Right photo:
 Back: Catherine Deshaies, Takhliq Amir, Dominique de waard, Meshaal Al Otaibi, Lindsay Anderson.
 Front: Joel Bierer, David Horne, Jennifer McDonald

General Surgery



There were many changes to the division of general surgery with the 2024/2025 year. Dr. Helyer became the Division Head and Drs Kenyon and Hiebert became the Program Director and Associate Program Director. Dr. Walsh became both the Clerkship Director as well as the Physician Assistant Coordinator.

Dr. Heather McFadgen joined the colorectal surgery team in the summer of 2025 and has a special interest in surgical education. There were many publications from division members, residents and medical students that were presented at podiums and posters at national and international meetings.

All PGY 5 residents were successful with their Royal College exams, one went directly to community practice and four are currently in Fellowships in Hepatobiliary, Breast and Thoracic.

The Silver Dever (teaching award) was given to Dr. Helyer and the Resident Teacher award went to Dr. Dan Vidovic. 5 new PGY1's were welcomed in July with MIS and HPB Fellows.

BREAST HEALTH RESEARCH UNIT

Drs Ashley Drohan and Greg Knapp created the Breast Health Research Unit with a \$2 million donation from the J.W Murphy Foundation. This research unit is already working on 7 projects with the help of a PhD and 2 Masters Students to study breast cancer outcomes in the province and barriers to care. Dr. Cameron Penny will be looking at the effect of strenuous exercise on the risk of breast cancer.

GIACOMANTONIO RAMIA CHAIR

Dr. Giacomantonio's research program focuses on the impact of surgical procedures, specifically biopsies on the tumor microenvironment and subsequent development of cancer metastases,



L-R: Dr. Gregory Knapp; Karen Spaulding, J & W Murphy Foundation; Lisa Murphy, J & W Murphy Foundation; Dr. Ashley Drohan

QEII

- Dr. A Drohan
- Dr. J Ellsmere
- Dr. B Gala-Lopez
- Dr. C Giacomantonio
- Dr. L Helyer
- Dr. S Hiebert
- Dr. M Hoogerboord
- Dr. P Johnson
- Dr. C Kenyon
- Dr. G Knapp
- Dr. S Livingstone
- Dr. H McFadgen
- Dr. S Minor
- Dr. K Neumann
- Dr. R Spence
- Dr. M Walsh

IWK

- Dr. C Blackmore
- Dr. D Davies
- Dr. K Milford
- Dr. J Mills

DGH

- Dr. J Enright
- Dr. R Kavanagh
- Dr. A Mitchell
- Dr. J Murdoch
- Dr. W Shih
- Dr. R Stewart
- Dr. L Wasilewski
- Dr. J Watson-Jessome

Clinical Analysis

22,005

Patient visits

5,500

Operations

12,557

OR hours

2,361

OH afterhours



Annual Resident Retreat 2025



Drs Neumann & Kenyon at the 2025- resident send off

and ways to mitigate this risk through targeted therapies. His lab is also studying the mechanism of action of interleukin-2 therapy in the treatment of melanoma and other cancers.

- Publications 9
- Total Funding: \$1,315,000 CAD (Including a 5 year commitment from the Ramia Chair) First-in-human Clinical Trial Using Targeted Hyperthermia Therapy
- 10 patients, Stage IIIb/c/Ivm1, All failed standard I/O therapy (Pembro)
- 8/10 responds rate 6/8 complete responses in treated tumors
- 4/10 documented abscopal responses in non-treated tumors.



The General Surgery Research collaborative is active in many realms of patient care:

Dr. Neumann:

- CoPI immune mediated adjuvant treatment for MSI high colorectal cancers

Dr. Spence:

- PI -International Collaboration for Health Outcome Metrics in CRC CAD \$ 194,000
- PI -Assessing Frailty in Patients Undergoing Major Cancer Resection: PATH RCT CAD \$50,000
- PI- Remote Proctoring to increase adoption of MIS surgery in Nova Scotia CAD \$5000
- Site PI COOL Trial – Open abdomen in intra-abdominal sepsis

Dr. Sam Minor:

- Site PI: A Non-Traumatic Binder for Temporary Abdominal Wall Closure. AbCLO study
- Stimulan Beads in Hernia Repair in Contaminated Fields.

RESIDENTS

Dr. D Bowker
 Dr. J Coles
 Dr. J Doucett
 Dr. P Lagace
 Dr. A Robinson CIP
 Dr. R Brownstone
 Dr. I Georgescu
 Dr. L MacDonald
 Dr. A Orovec
 Dr. D Vidovic
 Dr. L Almazroui
 Dr. B Cruickshank
 Dr. A Dame
 Dr. F Leathead
 Dr. D Patel
 Dr. C Penny
 Dr. M Alhothali
 Dr. T Fitzherbert
 Dr. M Laaper
 Dr. T Lavoie-Turcotte
 Dr. M Vladovsky
 Dr. M Marceau
 Dr. G Berger
 Dr. A Chen
 Dr. S Gaube
 Dr. N Harb
 Dr. Nicole Raabe

FELLOWS

Dr. Z Bhikhoo - IWK
 Dr. F Hoyos
 Figueroa - IWK
 Dr. S Selznick
 Dr. N Elfassey - MOTP
 Dr. K Kinoshita - MOTP

Pediatric Surgery/IWK



Photo: Dr. Elise Graham and the Otolaryngology team at Halloween

2025 was a busy and productive year for the IWK Department of Surgery. We continued our commitment to delivering the highest quality surgical care to infants, children, and youth across the Atlantic Provinces. As the first site to launch the provincial electronic health record (OPOR), our teams have invested significant time and effort learning and adapting to a new system while maintaining safe, effective patient care.

We were pleased to recruit several homegrown, familiar faces to the department. Dr. Jason Howard joined us as the new Division Head of Orthopedics, bringing extensive experience and an active research program in pediatric spine surgery and the surgical care of children with neuromuscular conditions. We also welcomed back Dr. Catherine DeShais to the Division of Congenital Cardiovascular Surgery. A graduate of our Cardiac Surgery Residency Program, she completed congenital cardiac fellowships in Houston and Melbourne before returning to the IWK.

Dr. Elise Graham returned to join the Division of Pediatric Otolaryngology – Head and Neck Surgery. Following completion of her residency at Dalhousie and fellowship training in Salt Lake City, she practiced at London Health Sciences Centre, where her clinical and research interests focused on infant breastfeeding and women in surgery. Finally, Dr. Julia Radic joined our Pediatric Neurosurgery team after practicing in Saskatoon; she completed her residency at Dalhousie and fellowship training in Vancouver.

Thanks to investments from the IWK Foundation, IWK Health, and the Department of Health and Wellness, we have been able to advance surgical technology across several areas. Operating room integration systems are being sequentially upgraded, providing state-of-the-art lighting, imaging integration, and monitors to support minimally invasive procedures. In addition, the IWK Foundation and the Great Big Dig for the IWK successfully raised \$1.1 million to acquire an O-Arm for the Pediatric Surgical Suite. This will make IWK Health the first hospital in Canada to house the newest generation of O-Arm technology, offering advanced 3D imaging with lower radiation exposure.

The IWK Department of Surgery Research Committee continues to actively support the research efforts of our surgeons. This year, the group was recognized by IWK Research

Dr. B Bata
Dr. M Bezuhly
Dr. C Blackmore
Dr. G Corsten
Dr. M Dahrab
Dr. D Davies
Dr. C Deshaies
Dr. L Gauthier
Dr. E Graham
Dr. P Hong
Dr. D Horne
Dr. J Howard
Dr. L Johnson
Dr. D Keefe
Dr. K Logan
Dr. D MacLellan
Dr. D McNeely
Dr. K Milford
Dr. J Mills
Dr. K Morash
Dr. B Orlik
Dr. V Promelle
Dr. J Radic
Dr. J Robitaille
Dr. S Walling
Dr. M Wheelock

Clinical Analysis

21,399

Patient visits

3,966

Operations

6,900

OR hours

+16.2%

Increase

and Innovation Services as a Research Centre of Excellence. Through IRIS (IWK Research and Innovation in Surgery), investigators receive support with grant development and the launch of new research initiatives. Recent research highlights include:

- Dr. Paul Hong – Foundation Research Impact Award focused on improving Indigenous health in Nova Scotia
- Dr. Johane Robitaille – TRIC Grant to develop patient education resources for strabismus surgery
- Dr. David Horne – Dalhousie Department of Surgery Bridge Grant
- Dr. Dan Keefe – Canadian Urological Association Mid-Career Investigator Grant

IWK DIVISION OF ORTHOPEDIC SURGERY 2025 OVERVIEW

This past year has been one of transition for the Division of Orthopedic Surgery at the IWK Health Centre with the departure of Dr. Ron El-Hawary this past February, after more than a decade as Division Head. Returning to the IWK after a

12 year absence, Dr. Jason Howard was appointed as the new Head in September 2025, relocating from Nemours/Alfred I. duPont Hospital for Children in Wilmington Delaware. In the interim, the Division was expertly led cooperatively by the four core pediatric orthopedic surgeon members, Drs. Luke Gauthier, Karl Logan, Kevin Morash and Ben Orlik.

During times of transition, it is important to take stock of where you are, reestablish your priorities, and revisit your vision for the future. Accordingly, the Division held a very successful IWK Orthopedic Retreat at the Nova Scotia Health Innovation Hub on October 21, 2025; encompassing all of the disciplines that comprise the complex care delivery for pediatric orthopedic patients at the IWK. From this full day effort, a vision statement was developed, in addition to a set of priorities that were ranked according to their relative importance.



Dr. Graham
Coblation Equipment

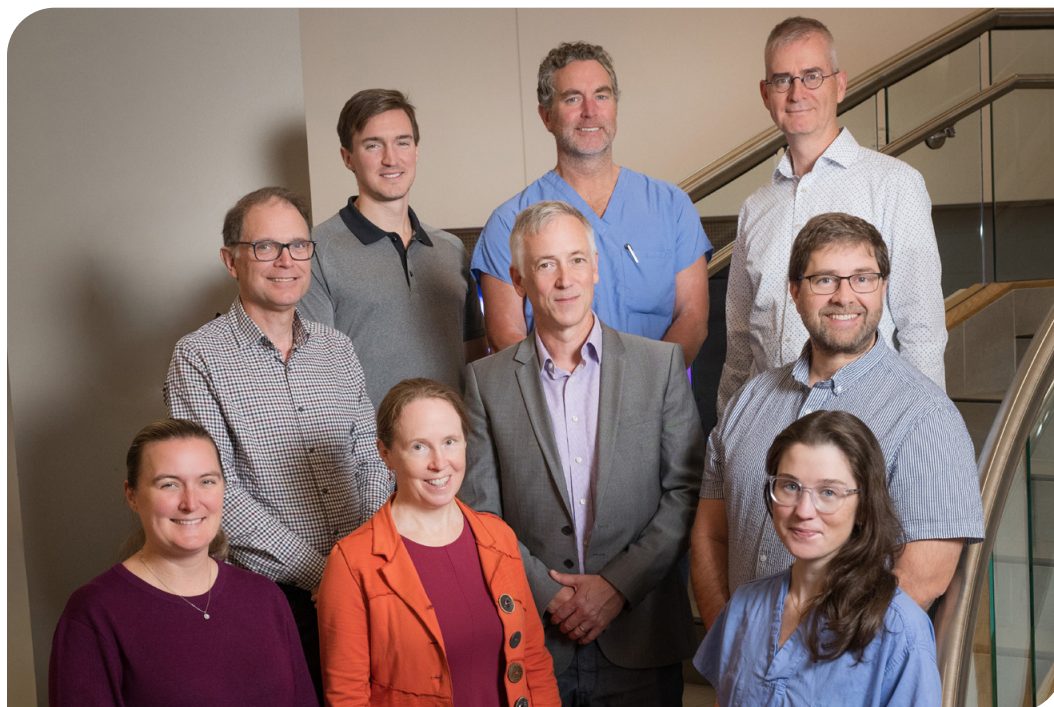
PEDIATRIC OTOLARYNGOLOGY

The pediatric otolaryngology team at the IWK expanded to four surgeons this year with the recruitment of Dr. Elise Graham, a 2017 Dalhousie graduate who returned from London Health Sciences Centre.

Program achievements include:

- Outreach clinics in New Glasgow and Eskasoni First Nation, reducing travel barriers for families
- Regular OR blocks at South Shore Regional Hospital (2–4 days per month)
- Over 1,400 operative cases performed at the IWK
- 150+ cases completed in Bridgewater
- Introduction of coblation tonsillectomy, improving pain and reducing postoperative complications
- Over 3,200 new consultations in 2024–25

Neurosurgery



QEII

Dr. S Barry
Dr. S Christie
Dr. D Clarke
Dr. M de Lotbinière-Bassett
Dr. M MacLean
Dr. D McNeely
Dr. G Pickett
Dr. J Radic
Dr. S Walling
Dr. A Weeks
Dr. L Weise

DIVISION OF NEUROSURGERY: ANNUAL HIGHLIGHTS (2025)

The Dalhousie Division of Neurosurgery had an exceptionally productive and transformative year in 2025, marked by major advances in clinical care, research excellence, education, quality improvement, and system transformation across adult and pediatric services serving Atlantic Canada. We welcomed three new neurosurgeons: Dr. Madeleine de Lotbinière-Bassett, Dr. Julia Radic, and Dr. Mark MacLean bringing with them expertise in skull-base/cerebrovascular, pediatric, and complex spine/trauma care, respectively. They have already strengthened our clinical teams, expanded specialized capacity, and enriched our teaching and research programs.

CLINICAL EXCELLENCE & PROGRAM GROWTH

Neurosurgery programs continued to deliver high-volume, highly specialized care for patients across the region. The Division provides tertiary and quaternary services in cerebrovascular disease, skull base tumors, pituitary disorders, neuromodulation, pediatric neurosurgery, spine surgery, and spinal cord injury. Several programs reported sustained growth in referrals, surgical volumes, and clinic activity, reinforcing Dalhousie's role as a regional referral centre.

Multidisciplinary models of care remain a defining strength. Programs such as the *Maritime Lateral Skull Base Clinic*, *Halifax Neuropituitary Program*, *Cerebrovascular Program*, and *Neuromodulation Program* demonstrated strong collaboration across Neurosurgery, Neurology, Neuroradiology, Otolaryngology, Endocrinology, Rehabilitation, and Anesthesia. Implementing this approach leads to coordinated decision-making and enhanced patient-centred care and satisfaction.

RESEARCH LEADERSHIP & SCHOLARLY IMPACT

The Division had an outstanding research year, with extensive participation in local, national, and international studies, including randomized controlled trials, registries, and

Clinical Analysis

5,912

Patient visits

1,630

Operations

5,362

OR hours

+12.6%

Increase

investigator-initiated projects. Our faculty and trainees contributed to a large body of high-impact publications in leading journals such as *The Spine Journal*, *Neurosurgery*, *JAMA Network Open*, *Scientific Reports*, *Lancet Neurology*, and *New England Journal of Medicine*.

Key research themes included:

- Spine surgery outcomes, the impact of gender, frailty, and enhanced recovery
- Cerebrovascular disease and stroke systems of care
- Neuromodulation and minimally invasive technologies
- Pituitary and skull base disorders
- Pediatric neurosurgery and brain tumour biology
- Sustainability and climate-informed surgical care

EDUCATION, TRAINING & RECOGNITION

The Atlantic Canadian Neurosurgery Residency Program maintained its strong reputation for clinical breadth, academic rigor, gender parity, and resident mentorship; strongly supported by a 1:1 faculty-to-resident ratio. Residents were actively involved in research, quality improvement, and

delivered several national presentations. Dr. Ellen Parker received the Top Overall Award at the annual Clinical Neurosciences Resident Research Day for her presentation, “*Diagnostic and treatment timelines for patients diagnosed with glioblastoma in Nova Scotia.*”

We congratulated Drs. Abdulaziz Bokeris and Jae Ho Han on successfully completing their training and obtaining the Royal College certification. They have moved on to complete fellowships in paediatric neurosurgery in Vancouver and skull base surgery in Calgary, respectively. We know they will have great success. At the same time, we welcomed Drs. Donovan Cassidy-Nolan and Faisal Alfakeeh as our newest resident trainees.

QUALITY IMPROVEMENT, INNOVATION & SYSTEM TRANSFORMATION

Quality improvement was a major focus across inpatient and outpatient settings, with initiatives targeting length of stay reduction, emergency department utilization, recovery room flow, patient empowerment, and safety. Several programs led or contributed to provincial and national system-level initiatives, including new models of care delivery.

Dr. Jenna Smith-Forrester was again recognized for her work, receiving the Dr. Robert Stone Travelling Fellowship for her project: “*Quality Improvement in Neurosurgery: The Success of the Spine Assessment Clinic in Reducing Post-Op Emergency Department Visits.*”

LOOKING AHEAD

These accomplishments reflect the dedication of our surgeons, learners, nursing and interdisciplinary staff, research teams, administrators and community partners. As the Division enters the next year, it does so with strong momentum, supported by an engaged multidisciplinary workforce, robust research infrastructure, and a shared commitment to innovation, equity, sustainability, and excellence in neurosurgical care for patients across Atlantic Canada.

RESIDENTS

Dr. A Alwadei
Dr. J Smith-Forrester
Dr. R Vaughan
Dr. B Ajlan
Dr. S Jung
Dr. K Tourigny CIP
Dr. E Parker
Dr. F Zhang
Dr. F Alfakeeh
Dr. D Cassidy-Nolan

FELLOWS

Dr. O Adedipe
Dr. T Samuels
Dr. V Gaonkar

Orthopaedic Surgery



New to Orthopaedic Surgery this year is Dr. Julia Harrison (PhD), who is filling a novel, shared Research Manager role within the Division. Born and raised in Halifax, Dr. Harrison is passionate about advancing scientific discovery to improve healthcare in Nova Scotia. Her research background ranges from Biomedical Engineering, Neurobiology, Immunology, and Plastic Surgery, in both basic and clinical science, and volunteers with the Nova Scotia Health Research Ethics Board.

Dr. Harrison's role will be to support research in previously under-represented subspecialties within Orthopaedic surgery, fostering collaborations and increasing resident research engagement. With her background and existing connections at Dalhousie University, Dr. Harrison also aims to promote inter-disciplinary research between clinical and basic science to strengthen our results and overall research impact. This position highlights the shared vision of Orthopaedic Surgery toward a cohesive, growing research program.



Research team

CIHR GRANT ADVANCES PERSONALIZED ORTHOPAEDIC ROBOTICS

Dr. Janie Wilson (Biomedical Engineering, Surgery) and Dr. Michael Dunbar (Surgery, Biomedical Engineering) have received a four-year, \$661,725 Canadian Institutes of Health Research (CIHR) Project Grant for Personalization in Knee Arthroplasty: The Role of Integrating Robotics and Advanced Biomechanics. Co-investigators include Dr. Glen

QEII

- Dr. M Biddulph
- Dr. B Burgesson
- Dr. C Coady
- Dr. C Coles
- Dr. M Dunbar
- Dr. D Ferguson
- Dr. M Glazebrook
- Dr. A Glennie
- Dr. M Gross
- Dr. K Huenber
- Dr. D Johnston
- Dr. R Leighton
- Dr. J Morash
- Dr. W Oxner
- Dr. G Richardson
- Dr. A Trenholm
- Dr. D Wilson
- Dr. I Wong

IWK

- Dr. L Gauthier
- Dr. J Howard
- Dr. K Logan
- Dr. K Morash
- Dr. B Orlik

DGH

- Dr. R Hurley
- Dr. D LeGay
- Dr. J Leighton
- Dr. D O'Brien
- Dr. B O'Neill
- Dr. D Smith
- Dr. J Sniderman
- Dr. A Tucker
- Dr. N Urquhart

Clinical Analysis

56,569

Patient visits

7,629

Operations

14,039

OR hours

+5.0%

Increase



Dr. Urquhart and Dr. Coady

broadcasts. Our researchers earned top honours, including the COA Changemaker Award (Dr. Cathy Coady) and the AANA Shoulder Innovation Award (Dr. Ivan Wong). We welcomed 45 visiting surgeons and mentored 20 trainees from over 10 international institutions, strengthening our global partnerships and educational programs.

A highlight of the year was hosting the first NOVAS Meeting (2025) at Fox Harb'r Resort, where surgeons from across Canada gathered to share breakthroughs, refine surgical skills, and build lasting mentorship connections.



We're deeply grateful to our colleagues and collaborators whose dedication drives our innovation and success.

**Dr. Jillian Karpyshyn,
Dr. Ivan Wong 2025**

2025 ISAKOS Achilles
Orthopaedic Sports Medicine
Research Award

**Dr. Jillian McNally,
Dr. Ivan Wong 2024**

Innovation award in the
Arthroscopy and Sports Medicine
category at the 2024 COA,
CORSand CORA Annual Meeting



Dr. Janie Wilson and
Dr. Mike Dunbar

Flemming (Mathematics and Statistics, Dalhousie University). The project highlights the value of a truly multidisciplinary team—orthopaedic surgeons, biomedical engineers, computer scientists, physiotherapists, and statisticians—working together to improve outcomes for people undergoing knee replacement.

THE CHANGEMAKER AWARD 2025 FROM THE CANADIAN ORTHOPAEDIC ASSOCIATION, DR. CATHERINE COADY.

Dr. Coady's visionary leadership and innovative approach have driven meaningful change in Canada orthopaedics. Her dedication to improving patient care and inspiring colleagues continues to leave a lasting impact on the profession.

Dalhousie Arthroscopy and Sports
Medicine is proud to celebrate a year of
remarkable growth and achievement.

From July 2024 to June 2025, our team
published 27 papers and delivered 70+
presentations at national and international
conferences, webinars, and live surgical

Richardson, Dr.
Jennifer Leighton,
Dr. David Wilson
(Orthopaedic Surgery),
Dr. Syed Sibte Raza
Abidi (Computer
Science, Dalhousie
University), Dr. Cheryl
Kozey (Physiotherapy
and Biomedical
Engineering, Dalhousie
University), and
Dr. Joanna Mills

RESIDENTS

Dr. H Al-Haboubi
Dr. A Loewen
Dr. J McNally
Dr. S Al-Hajraf
Dr. A Al-Zamel
Dr. A Chughtai
Dr. C Sonke
Dr. N Al-Kaabi
Dr. N Baniyas
Dr. T Hillier
Dr. T Jordan
Dr. H AlHassan
Dr. A AlShahir
Dr. F Cernea
Dr. W Tyndall
Dr. Y Almushait
Dr. S Alotaibi
Dr. M Fay
Dr. S Jennings

FELLOWS

Dr. A Ahmad
Dr. H Alhamdan - IWK
Dr. A Almuslami
Dr. Q Alyafawee
Dr. J Ascencio Aragon
Dr. I Ibrahim
Dr. B Johns
Dr. K Johnston
Dr. S Maranya
Dr. D Morris
Dr. V Mousafeiris - IWK
Dr. N Ochoa Piovesan
Dr. T Ogawa
Dr. L Woods
Dr. S Zhu

Otolaryngology Head and Neck Surgery



The Division of Otolaryngology–Head & Neck Surgery at Dalhousie University continues to be recognized as one of the strongest programs in Canada. With 10 surgeons at the QEII, 4 at the IWK, and 4 at the Dartmouth General Hospital, the division delivers comprehensive subspecialty care across head and neck oncology, otology/neurotology, rhinology and skull base surgery, pediatric otolaryngology, laryngology/voice, endocrine surgery, facial plastics, and general otolaryngology.

In 2025, clinical volumes continued to rise alongside the region’s population growth and expanding referral base, prompting new initiatives, new faculty recruitment, and major advances in surgical planning and technology.

This was a landmark year for the Head & Neck Oncology Team, which welcomed two new surgeons, Dr. Ayham Al Afif (University at Buffalo, 2024) and Dr. Adrian Mendez (Western University, 2025).

A major highlight of 2025 was the launch of **Virtual Surgical Planning (VSP)** for complex bony free-flap reconstructions in head and neck cancer patients. This technology uses pre-designed reconstruction plates and cutting guides to improve accuracy, efficiency, and outcomes in cases involving the mandible and maxilla. Four VSP cases have already been completed, with several more underway, positioning Dalhousie as one of the first centres in Canada to adopt this technology.

The team also continues to be nationally recognized for leadership in transoral surgery, intraoperative margin analysis, and is now at the forefront of perioperative immunotherapy, an emerging approach that has shown significant survival benefit in advanced head and neck cancers.

QEII

Dr. A Al Afif
Dr. T Brown
Dr. C Chin
Dr. E Fung
Dr. E Massoud
Dr. A Mendez
Dr. D Morris
Dr. A Quimby
Dr. M Rigby
Dr. M Taylor
Dr. J Trites

DGH

Dr. R Balys
Dr. T Hudson
Dr. R Leblanc
Dr. D Piccott
Dr. J Scott

IWK

Dr. G Corsten
Dr. E Graham
Dr. P Hong
Dr. L Johnson

Clinical Analysis

15,589

Patient visits

1,444

Operations

4,030

OR hours

132

OH afterhours

OTOLOGY

The Otolaryngology team continued to advance care, education, and research, supported by a long tradition of outstanding fellows who contribute significantly to resident training.

Key achievements include:

- Continued growth of the Maritime Lateral Skull Base Clinic, a jointly run program with Neurosurgery caring for patients with vestibular schwannomas, NF2, and complex skull base disease.
- Ongoing expansion of the Cochlear Implant Program, with updated techniques and candidacy pathways aligned with global advances
- Cutting-edge research collaborations, including work by Dr. Morris with the Adamson Lab using Optical Coherence Tomography for high-resolution middle ear imaging.
- Initiatives led by Dr. Quimby to improve hearing healthcare access for underserved populations locally and internationally.

RESIDENTS

Dr. K Munroe
Dr. N Alhajri
Dr. S Secord
Dr. H Brennan
Dr. K Hathi
Dr. M Aali
Dr. S Aldouseri
Dr. A Alyamani
Dr. G Francis
Dr. V Taylor

FELLOWS

Dr. R Al Thomali
Dr. A Groen
Dr. J Stultiens

RHINOLOGY & SKULL BASE SURGERY:

Dalhousie's rhinology team; Dr. Emad Massoud, Dr. Christopher Chin, and community collaborator Dr. John Scott, made major strides in 2025, including:

- Graduating Dalhousie's first Rhinology Fellow
- Presentations at national meetings and faculty roles at sinus courses across Canada
- Publication of a high-impact CMAJ paper on Chronic Rhinosinusitis
- A Triologic-selected Best Practice paper by Dr. Chin and PGY5 Dr. Kelti Munroe
- Planning for a 2026 Halifax Sinus Course, expanding Atlantic Canada's academic footprint

LARYNGOLOGY

Dalhousie's laryngology program continues to lead nationally in the endoscopic management of airway, voice, and swallowing disorders. Highlights include:

- A uniquely robust program in endoscopic biopsies of the oropharynx, larynx, and trachea, the second-largest published series in the world and the largest in Canada. This approach has dramatically improved diagnostic speed and shifted most biopsies from the OR to the clinic.
- A nationally unique airway rotation for anesthesia residents, active for over 10 years, improving shared skills and enhancing interdepartmental teamwork.
- Joint pediatric upper airway simulation sessions with Pediatric Otolaryngology and Anesthesia.
- Emerging collaborative research into objective measurement of upper airway resistance.

Demand for laryngology services continues to rise, with population growth contributing to longer clinic and elective wait times.

Plastic Surgery



QEII

- Dr. J Corkum
- Dr. N Joukhadar
- Dr. E Krauss
- Dr. M Leblanc
- Dr. J Paletz
- Dr. J Rasmussen
- Dr. A Simpson
- Dr. J Williams

DGH

- Dr. G Davis
- Dr. E Burke

IWK

- Dr. M Bezuhly
- Dr. M Wheelock

The Division of Plastic Surgery continues to demonstrate excellence in clinical innovation, education, and research. Faculty and trainees have been recognized for their leadership, scholarship, and commitment to advancing patient care throughout the region.

CLINICAL INNOVATION

This year marked the successful implementation of a new **Plastic Surgery Trauma Clinic**, designed to streamline the management of trauma referrals across the health system. Under this model, all trauma referrals are coordinated through a centralized clinic with a dedicated surgeon assigned to trauma call each week, who also oversees the trauma waitlists.

This approach has significantly reduced time to consultation and surgery, resulting in a more efficient, coordinated, and patient-centred system to manage the high volume of weekly trauma cases.

THE TEAM

The strength of the Division of Plastic Surgery comes from its people. We are a dedicated, industrious group who truly love their work. We are delighted to have had 2 new very talented surgeons join our team this year- Dr. Andy Simpson and Dr. Emily Burke. Both Dalhousie medical school and Dalhousie plastic surgery residency graduates, they bring strong clinical skill sets and unique academic perspectives to our program.

Clinical Analysis

18,220

Patient visits

1,068

Operations

2,590

OR hours

128

OR afterhours



Dr. Emily Burke and Dr. Andrew Simpson

RESEARCH EXCELLENCE

At the Department of Surgery Research Day (2025), Olivia Piccolo received the award for Best Student Presentation, and Edwin Leong earned the award for Best Basic Science Presentation, underscoring the Division's strong commitment to mentorship and research training.

Dr. Emily Krauss was awarded a Research Nova Scotia grant of \$99,000 over two years for the Atlantic Spinal Cord Project, which supports innovative work aimed at improving outcomes for patients with spinal cord injuries.

FACULTY AND RESIDENT ACHIEVEMENTS

- Dr. Margie Wheelock received the Dr. Gerald L. Sparkes Faculty Teaching Award for Excellence in Plastic Surgery Education (2025) in recognition of her outstanding dedication to surgical education and mentorship.
- Dr. Jack Rasmussen was awarded the Canadian Association for Medical Education (CAME) Certificate of Merit (2025), a national distinction honouring his exceptional contributions to undergraduate and postgraduate education.
- Dr. Todd Dow earned several notable honours this year, including the Resident Doctors of Canada (RDoC) Mikhael Award for Medical Education (2024), the Maritime Resident Doctors Resident of the Month (April 2025), and the Dr. A. Ross Tilley Scholarship (2025), acknowledging his leadership and excellence in teaching and clinical care.
- Dr. Tammy Selman was recognized with the Dr. Kitt Turney Award for Resident Wellness (2025) for her efforts in promoting resident health and well-being within the division.
- Dr. Colton Boudreau & Dr. Erik Mandawe, both received the Dr. Winston Parkhill Award for Excellence in Teaching by a Plastic Surgery Resident as well as the Department of Surgery Excellence in Undergraduate Teaching Award.

RESIDENTS

Dr. A Alibrahim
Dr. C Boudreau
Dr. E Mandawe
Dr. T Selman
Dr. S Al Shawaf
Dr. S Al Shammari
Dr. K Ross
Dr. K Wagner
Dr. C Zeitouni
Dr. A AlSahli
Dr. J Gobran

FELLOWS

Dr. A Al Ruhaili

Thoracic Surgery



QEII

- Dr. G Darling
- Dr. A Ednie
- Dr. D French
- Dr. A Mujoomdar
- Dr. M Plourde
- Dr. A Wallace



Dr. Ednie & Dr. Dame

THE THORACIC SURGERY ABCD AWARD

Dr. Anthony Dame is this year's winner of the Above and Beyond the Call of Duty award.

The Above and Beyond the Call of Duty Award in Thoracic Surgery recognizes a resident who demonstrates exceptional dedication, compassion, and commitment to patient care and teamwork on the thoracic surgery service. This award honors those who consistently exceed expectations—whether by providing outstanding clinical care, supporting colleagues, or contributing to the efficiency of the team. Recipients embody the values of professionalism, empathy, and excellence that define the very best of surgical practice.



Art for Lungs

ART FOR LUNGS EVENT

Dr. Alison Wallace and LungNSPEI had another successful fund raiser to help support lung cancer research at the QEII HSC.

The Art for Lungs event was held at the Discovery Centre this year bringing together scientists, clinicians, patients, and community members to celebrate creativity, innovation, and hope in the fight against lung cancer.

The evening showcased the inspiring work of young researchers from Dalhousie University and Nova Scotia Health, who presented their cutting-edge projects on lung cancer

Clinical Analysis

10,950

Patient visits

1,192

Operations

3,001

OR hours

575

OR afterhours

detection and treatment. Patients also shared their inspirational stories of survivorship due to advances in lung cancer treatments.

Guests, including the Honourable Michelle Thompson, explored a collection of art inspired by lung health, while learning how research is transforming care across Atlantic Canada.

SQIL GRADUATE

Dr. Madelaine Plourde graduated from the Safety, Quality, Informatics and Leadership Program at Harvard University Medical School. SQIL is a rigorous 1-year program that includes 45 lectures and 3 one-week workshops.



It is designed to equip healthcare leaders with the skills to drive system-level improvement, implement data-driven quality initiatives, and advance patient safety across complex health systems.

She is in the process of implementing her Capstone project to improve efficiency and access in Endoscopy.

THORACIC SURGERY OUTREACH CLINIC IN CAPE BRETON

The Thoracic Surgery Outreach Clinic in Cape Breton continues to be an example of equitable, patient-centered care and regional collaboration. By bringing specialized thoracic surgical assessment and follow-up closer to home, the clinic has significantly reduced travel burdens for patients and improved timely access to consultation. 1242 patients have been referred to the clinic since October 2022. Its ongoing success reflects the dedication of Drs. French, Ednie and Mujoomdar, a multidisciplinary team and the commitment of Sarah Gillis, clinic nurse navigator, who is truly the heart of this clinic.



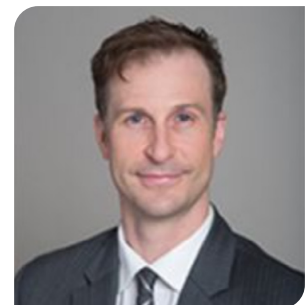
Sarah Gillis



Dr. French

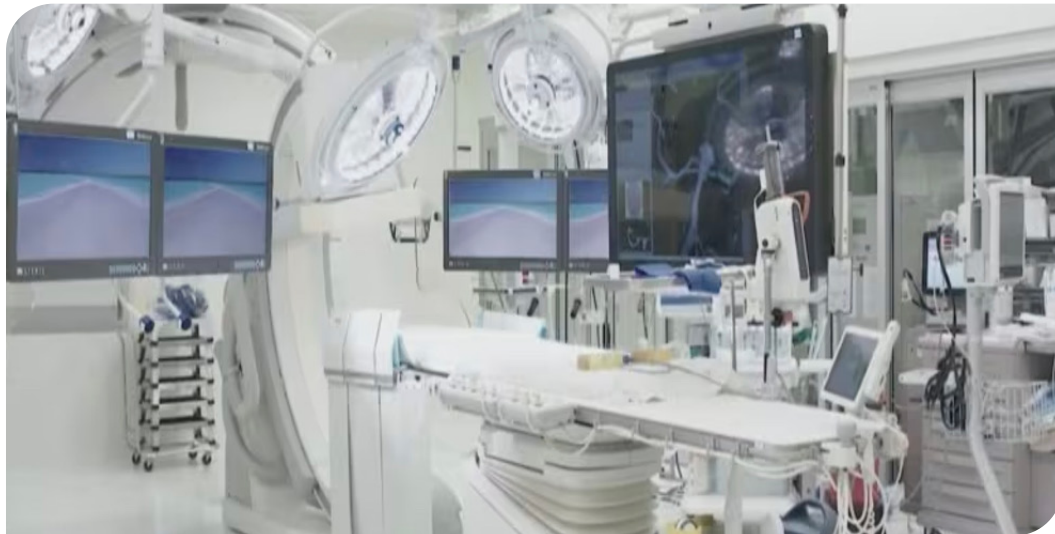


Dr. Mujoomdar



Dr. Ednie

Vascular Surgery



QEII

Dr. P Casey
Dr. H Gill
Dr. S Jessula
Dr. M Lee
Dr. G MacKean
Dr. J McDonald
Dr. A Power
Dr. M Smith

FELLOWS

Dr. M Adbelmashih

FACULTY AND DIVISION GROWTH

This year, we welcomed Dr. Adam Power and Dr. Heather Gill. Both are Associate Professors of Surgery and both have Master's degrees. They bring a wealth of clinical and research expertise.

CLINICAL ACTIVITY

The Division continues to deliver high-quality, patient-centered care across. In 2025, the Division recorded over 12,000 patient encounters, reflecting the growing demand for vascular services.

Telehealth remains crucial. Drs. Matthew Smith and Joey McDonald completed over 1,250 virtual visits, while Dr. Matthew Smith provided more than 200 peer-to-peer 'virtual hallway' consultations, ensuring timely access to expert advice.

Dr. Patrick Casey continues to lead the advanced aortic endovascular program in collaboration with Interventional Radiology. This year, the team completed 26 fenestrated endovascular aneurysm repairs (FEVAR), with several more expected by year-end. By performing these procedures percutaneously over the past three years, the team has reduced complication rates, shortened hospital stays, and improved patient satisfaction.

INNOVATION AND RESEARCH

Dr. Adam Power's company, Front Line Medical Technologies, developed the COBRA-OS® aortic occlusion system for rapid control of life-threatening hemorrhage. This earned Front Line the title of Canada's Medical Device/Technology Company of the Year and recognition in TIME Magazine's Best Inventions of 2024.

Dr. Samuel Jessula mentored two medical students who delivered national podium presentations this year. He authored four publications in the Journal of Vascular Surgery and secured three research grants, including a Maritime Heart Centre Innovation Grant and a Research Nova Scotia Early Investigator Award. He was invited to over a dozen national and/or international podium presentations and is an executive member of the Canadian Society of Vascular Surgery.

Clinical Analysis

11,685

Patient visits

950

Operations

3,117

OR hours

+5.8%

Increase

GRANTS AWARDED:

- Research Nova Scotia Early Investigator Award – \$98,573 CAD:
- Virtual Prehabilitation in Patients Undergoing Open Abdominal Aortic Aneurysm Repair
- Canadian Society for Vascular Surgery Young Investigator Award – \$5,000 CAD:
- Virtual Prehabilitation in Patients Undergoing Open Abdominal Aortic Aneurysm Repair
- Maritime Heart Centre Innovation Grant – \$40,000 CAD:
- Virtual Prehabilitation in Patients Undergoing Open Abdominal Aortic Aneurysm Repair

PUBLICATIONS:

Drudi L, Jessula S. (2025). *From Coast to Coast: Showcasing Canadian Innovation in Vascular Surgery*. Journal of Vascular Surgery: Vascular Insights. In press.

D'entremont-Harris M, et al. (2025). *Suboptimal Use of Cardiovascular Risk Modification Therapies Amongst Patients Undergoing Vascular Surgery Admitted with Chronic Limb-Threatening Ischemia*. Journal of Vascular Surgery: Vascular Insights. In press.

Tupper-Ring L, et al. (2025). *Aortoenteric fistula following elective laparoscopic cholecystectomy*. Journal of Vascular Surgery: Cases and Innovative Techniques. In press.

Mackay B, et al. (2025). *Multifaceted Program to Improve Discharge on Antiplatelets and Statin Medications*. Journal of Vascular Surgery: Vascular Insights. In press.

Dr. Heather Gill had an outstanding academic year, presenting at the European Society for Vascular Surgery Annual Meeting and the Canadian Society for Vascular Surgery Annual Meeting. Her research on percutaneous brachial artery access and the comprehensive complication index in open abdominal aortic aneurysm repair, along with publications on surgical delays and access techniques, have been accepted or submitted to vascular surgery journals.

Publications:

- *Predictors and Outcomes of Surgical Delay in Open Abdominal Aortic Aneurysm Repair* – Accepted, Journal of Vascular Surgery, Oct 2025
- *Totally Percutaneous vs Surgical Cut-Down for Brachial Artery Access in Vascular Surgery: A Systematic Review and Meta-Analysis* – Submitted, European Journal of Vascular and Endovascular Surgery, Oct 2025

The faculty continues to take on national leadership roles. Dr. Gill serves as Past President of the Canadian Society for Vascular Surgery and represents Canada on the Strategic Board of Directors of the Society for Vascular Surgery. Dr. Min Lee transitioned from Vice-Chair to Chair of the Royal College of Physicians and Surgeons of Canada Vascular Surgery Examination Committee, continuing her role on the Royal College Specialty Committee.

The team is excited to welcome Dr. Alexa Mordhorst to the Division in January 2026. Her fellowship in the United Kingdom in complex venous disorders is a valuable asset and one that has been underrepresented nationally.



APPENDIX 1

Publications



2025 – DOS Publication LIST

TOTAL Publications: 229

Senior: 110

Middle Author: 199

CARDIAC

Publications: 14

Senior Author: 8

Middle Author: 11

Mitral Valve Replacement Surgery to the Rescue: A Case Report of Multiple Failed Transcatheter Devices to Treat Mitral Regurgitation. Chan VF, Castonguay M, Hayami D, Crowell R, Sumaya W, Elkhateeb O, **Wood J, Cote C.** Can J Cardiol. 2025 Aug;41(8):1531-1533.

Double expansible ring annuloplasty for a dynamic Ross procedure. **Côté C,** Garufi L, Zacek P, Bernardini M, Leprince P, Lansac E, Danial P. JTCVS Tech. 2025 Oct 6;34:67-69.

A Canadian postmarket study of the Zenith Alpha Abdominal Endovascular Graft. Lindsay TF, Harlock J, **Herman C,** Chen J, Power A, Saunders AT. J Vasc Surg. 2025 May;81(5):1058-1066.e1

Custom Fluoroscopic Hat-Marker Orientation to Optimize Commissural Alignment in the Evolut Valve: A CT-Guided Technique. Elkhateeb O, **Wood J, Herman C,** Beydoun H. JACC Cardiovasc Interv. 2025 Jul 22:S1936-8798(25)01735-2.

Competence by Design in Cardiac Surgery Resident Training: A Qualitative Thematic Analysis. Vural KM, Hirsch E, **Herman C, Horne D.** J Surg Res. 2025 Jul;311:31-42.

Haptoglobin Phenotype and Cardiovascular Risk: The ACCORD Blood Pressure RCT. Lavallée SK, Carew AS, Warren RA, Sapp JL, Levy AP, Andreou P, **Herman CR**, Rimm EB, Cahill LE. Hypertension. 2026 Jan;83(1):189-198.

A beginner's guide to implementation science. de Waard D, Gainer R, Sim M, **Cote C**, **Tremblay P**, Bonnar P, **Hirsch G**. JTCVS Tech. 2025 May 23;32:96-101.

The immunomodulatory effect of continuous ultrafiltration during pediatric cardiac surgery. Bierer JD, Stanzel R, Henderson M, Sapp J, Andreou P, Marshall JS, **Horne D**. Perfusion. 2025 Sep 1:2676591251374252.

Sanguineous cardiopulmonary bypass prime accelerates the inflammatory response during pediatric cardiac surgery. Bierer J, Stanzel R, Henderson M, Sapp J, Andreou P, Marshall JS, **Horne D**. Perfusion. 2025 Oct;40(7):1678-1688.

Complement activation by the artificial surface of cardiopulmonary bypass is a persistent clinical problem. Bierer JD, Stanzel R, Henderson M, El-Rabahi T, Sapp J, Andreou P, Marshall JS, Conrad D, **Horne D**. Sci Rep. 2025 Jul 29;15(1):27643.

Commentary: Pushing the envelope in Ebstein anomaly: Doing more with less. Konstantinov IE, **Deshaies C**. J Thorac Cardiovasc Surg. 2025 Jun;169(6):1529-1530.

Urgent cardiopulmonary bypass for the management of intrabronchial descending aortic aneurysm rupture. Bennett M, Schultz B, Turner B, **Deshaies C**, Konstantinov IE, Buratto E. Perfusion. 2025 Nov 10:2676591251395484.

Left-handed cardiac surgery simulation training: making things right. Vinck EE, Bickel-Dabadghao M, **Ribeiro RVP**, Andrade D, Sardari Nia P. Eur J Cardiothorac Surg. 2025 Feb 4;67(2):ezaf011.

Spatiotemporal metabolic mapping of ex-situ preserved hearts subjected to dialysis by integration of bio-SPME sampling with non-targeted metabolipidomic profiling. Olkowicz M, Yu F, Alvarez JS, **Ribeiro RVP**, Rosales R, Xin L, Yu M, Jaroch K, Adamson MB, Bissoondath V, Billia F, Badiwala MV, Pawliszyn J. Anal Chim Acta. 2025 Feb 22;1340:343581.

GENERAL SURGERY

Publications: 33

Senior Author: 10

Middle Author: 32

Corrigendum to "Metabolic and bariatric surgery: An update from 2010" Bao-Ngoc Nasri , Robert B Lim , **James Ellsmere**, Alisha Fernandes , Daniel Jones Curr Probl Surg. 2025 Jan;62:101665.

Response to comment on "Magnetic duodenoileal anastomosis with sleeve gastrectomy: a prospective multicenter study" Biertho L, Marceau S, Nadeau M, Lebel S, Julien F, Tchernof A, Ransom T, **Spence RT**, **Ellsmere J** .Surg Obes Relat Dis. 2025 Nov 11:S1550-7289(25)01026-3.

The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. Terry Fox Research Institute Marathon of Hope Cancer Centers Network. **Wallace, Alison, Knapp, Gregory**. Electronic address: mmarra@bcgsc.ca; Terry Fox Research Institute Marathon of Hope Cancer Centers Network. Cancer Cell. 2025 Apr 14;43(4):587-592. *

Burden of General Surgical Cancer Care in West Africa: A Review of the Literature. Arora N, Fei L, Jalink M, Alatise OI, **Knapp G**, Haji F, Ezeome E, Nanji S. JCO Glob Oncol. 2025 Jun;11:e2400459.

Endoscopy capacity in Nigeria: a national needs assessment and recommendations. Alatise OI, Allen H, Barton-Burke M, Abiodun AA, Ajayi AO, Ajayi N; *Nigerian Endoscopy Collaborative*; **Knapp GC**, Kingham PT, Murthy SS. Endosc. 2025 Jul 15.

Analysis of Risk Factors, Treatment Patterns, and Survival Outcomes After Emergency Presentation With Colorectal Cancer: A Prospective Multicenter Cohort Study in Nigeria. Aderibigbe AS, Dare AJ, Calvin HL, Olasehinde O, Wuraola F, Adisa A, Omisore AD, Komolafe AO, Omoyiola OZ, Okereke CE, Katung A, Egberoungbe A, Ariyibi O, Olatoke SA, Adeyeye AA, Agodirin SO, Bojuwoye MO, Fayenuwo JO, Ademakinwa OR, Osinowo D, Lawal AR, Abdulkareem FB, Goldman D, Murthy S, Kahn R, **Knapp G**, Gonen M, Kingham TP, Alatise OI; *African Research Group in Oncology Colorectal Cancer Working Group.* J Surg Oncol. 2025 Feb;131(2):170-182.

THSD4 is a novel mediator of T cell exclusion and anti-PD-1 resistance in hormone receptor-positive breast cancer. Walker OL, Wasson MD, Kumar V, Nersesian S, Venkatesh J, Vijayan VV, Coates L, Fernando W, Arun RP, Cahill HF, Baker E, Dahn ML, Slauenwhite D, Cruickshank BM, Barnes P, Longjohn MN, Belbin TJ, Gaston D, **Knapp GC**, Melvin J, Gujar S, Boudreau JE, Bethune G, Marcato P. Biomark Res. 2025 Oct 28;13(1):135.

Endoscopy capacity in Nigeria: a national needs assessment and recommendations. Alatise OI, Allen H, Barton-Burke M, Abiodun AA, Ajayi AO, Ajayi N; Nigerian Endoscopy Collaborative; **Knapp GC**, Kingham PT, Murthy SS. Surg Endosc. 2025 Sep;39(9):5698-5713.

Breast Cancer-Related Lymphedema: A Common Challenge among Nigerian Breast Cancer Survivors. Olasehinde O, Wuraola F, Di Bernardo M, **Knapp G**, Aderounmu A, Omisore A, Oladele A, Awe MO, Mohammed T, Romanoff A, Kingham TP, Mango V, Adisa A, Alatise O. Breast Care (Basel). 2025 Aug 21.

Seronegative Paraneoplastic Opsoclonus-Myoclonus-Ataxia Syndrome Secondary to Low Volume Endocrine-Sensitive Malignancy of Likely Breast Origin. Berger G, Jackson-Tarilton C, Rayson D, Silver A, **Walsh M, Drohan A.** Curr Oncol. 2025 Aug 6;32(8):440.

From Scalpel to Syringe: Intralesional Interleukin-2-Based Therapy is Effective for Locally Advanced Periocular Cutaneous Squamous Cell Carcinoma. Seddigh S, Lee F, Vidovic D, Gruchy JR, **Giacomantonio C**, Hussain A. Ophthalmol Ther. 2025 Nov 6.

Inducing Targeted Mild Hyperthermia in Murine Tumor Models through Photothermal Conversion of Near-infrared Light by Intratumoral Gold Nanorods. Clark KN, Kennedy BE, Dean C, Subramanian G, Nofthall EB, Gormley C, **Giacomantonio CA.** J Vis Exp. 2025 Oct 10;(224).

Targeted intra-tumoral hyperthermia using uniquely biocompatible gold nanorods induces strong immunogenic cell death in two immunogenically 'cold' tumor models Barry E Kennedy, Erin B Nofthall, Cheryl Dean, Alexander Roth, Kate N Clark, Darren Rowles, Kulbir Singh³, Len Pagliaro³, **Carman A Giacomantonio** Front Immunol 2025 Jan 13:15:1512543.

Knowledge Translation Interventions to Address Gaps in Rectal Cancer Care. Erin D Kennedy^{1,2,3}, Amandeep Pooni^{2,4}, Selina Schmocker³, Carl Brown⁵, Anthony MacLean⁶, Nancy N Baxter⁷, Lara Williams⁸, Marko Simunovic⁹, Sender Liberman¹⁰, Sébastien Drolet¹¹, **Katerina Neumann**¹², Kartik Jhaveri^{2,13}, Richard Kirsch^{2,14} JAMA Netw Open. 2025 Feb 3;8(2):e2461047.

Development of a Clinical Prediction Model for Anastomotic Leakage in Colorectal Surgery. Ochs V, Taha-Mehlitz S, Lavanchy JL, Steinemann D, Müller BP, Rosenberg R, Flaifel M, Enodien B, Frey DM, Baltuonis M, Vorburger S, Flemming S, Kollmann L, Lock JF, Staartjes VE, Grass JK, Melling N, Rousek M, Degutyte AE, Abeciunas V, Poskus T, Ponholzer F, Öfner D, El-Hussuna A, Bardakcioglu O, **Neumann K, Spence RT**, Sutton T, Honaker MD, Cattin PC, Taha A; 2015 European Society of Coloproctology Collaborating Group. JAMA Netw Open. 2025 Oct 1;8(10):e2538267.

The impact of ERAS protocols on postoperative outcomes in robotic, laparoscopic, and open colorectal surgery: A multicenter retrospective study. Mohandes B, Abukar SH, Ponholzer F, Öfner D, Enodien B, Ortlieb N, Flaifel M, Frey DM, Vorburger S, Saad B, Müller S, Kollmann C, Kollmann L, Flemming S, Grass JK, Melling N, Rousek M, Abeciunas V, Poskus T, Bardakcioglu O, **Neumann K, Gala-Lopez BL**, Honaker MD, Steinemann D, Müller BP, Zeindler J, Kollmar O, Heigl A, Rosenberg R, Taha-Mehlitz S, Taha A. Am J Surg. 2026 Jan;251:116679.

Claudin 18 (43-14A clone) expression in pancreatic ductal adenocarcinoma: Assessment of a potential clinical biomarker for zolbetuximab therapy. Arseneau RJ, Kempster E, Bekkers C, Samson T, **Gala-Lopez BL**, Ramjeesingh R, Boudreau JE, Arnason T. Transl Oncol. 2025 May;55:102362.

Liver Discard Rate Attributable to Conservative Estimations of Steatosis: An Inference-based Approach. Guo H, **Gala-Lopez BL**, Alwayn IPJ, Hewitt KC. *Transplantation*. 2025 May 8.

Peri-tumoural lymphocyte neighbourhoods predict longer survival in pancreatic ductal adenocarcinoma. Arseneau RJ, Mejia JP, Nersesian S, Lee SN, Bekkers C, Samson T, Gaston D, **Gala-Lopez BL**, Ramjeesingh R, Arnason T, Boudreau JE. *Front Immunol*. 2025 Dec 11;16:1730817.

A Scoping Review and Realist Synthesis of Surgical Trainees' Perspectives in Competency-based Training. **McFadgen H**, Louridas M, Vernon J, Alibhai K, Brydges R. *Ann Surg*. 2025 Aug 27.

Aortoenteric fistula following elective laparoscopic cholecystectomy. Tupper-Ring L, ILLS L, McDonald J, Lightfoot C, **Livingstone S, Jessula S**. *J Vasc Surg Cases Innov Tech*. 2025 Feb 25;11(3):101761.*

Magnetic duodenoileal anastomosis with sleeve gastrectomy: a prospective multicenter study. Laurent Biertho ¹, Simon Marceau ², Mélanie Nadeau ³, Stéfane Lebel ², François Julien ², André Tchernof ³, Thomas Ransom ⁴, **Richard T Spence** ⁵, **James Ellesmere** ⁵ *Surg Obes Relat Dis*. 2025 Feb;21(2):166-174.

Trauma surgical educational opportunities in Canada: a week in the life of a trauma service. Verhoeff K, Richard L, Guttman M, Haas B, Ball CG, Al Shahwan N, Khwaja KA, Engels P, Joos E, Vogt K, Strickland M, **Minor S**, Bradley N. *Can J Surg*. 2025 Mar 19;68(2):E97-E107.

Canadian Association of Radiologists Pediatric Imaging Referral Guideline. Hamel C, Avard B, Chow R, **Davies D**, Dixon A, Eamer G, Gareil J, Grimbley C, Jamieson L, Kovesi T, MacLean J, Mehta V, Metcalfe P, Michaud A, Miller E, O'Brien K, Otley A, Pohl D, Stein N, Abdeen N. *Can Assoc Radiol J*. 2025 May;76(2):245-256.

Infantile Acute Myeloid Leukemia Presenting As Intussusception: A Case Report and Review of the Literature. Gu Y, **Blackmore C**, McFadden K, Kulkarni K. *Cureus*. 2025 Nov 6;17(11):e96237.

Ethics of Transition of Care of Pediatric Surgical Patients to Adult Providers. Carlisle EM, Sundland R, Shakhsher B, Arnold M, Lee J, **Mills J**, Martin K, Mueller C, Gow K. *J Pediatr Surg*. 2025 Apr;60(4):162228.

Case - Pediatric ureteropelvic junction obstruction leading to emphysematous pyelonephritis: A rare presentation of a life-threatening condition. MacNevin W, Liu D, Fraser R, **Milford K, Keefe DT**. *Can Urol Assoc J*. 2025 Nov 25.

Patient and caregiver knowledge of pediatric testicular torsion: A scoping review. MacNevin W, Dawe N, Chidiac A, MacLellan DL, **Milford K, Keefe DT**. *J Pediatr Urol*. 2025 May 16:S1477-5131(25)00286-4. *

A practical approach to the difficult urethral catheterization for urology trainees. MacNevin W, **Keefe DT, Milford K**, Paterson NR. *Can J Urol*. 2025 Mar 18;32(1):5-13.

A living scoping review and online repository of artificial intelligence models in pediatric urology: Results from the AI-PEDURO collaborative. Khondker A, Kwong JC, Ahmad I, Rajesh Z, Dhalla R, MacNevin W, Rickard M, Erdman L, Gabrielson AT, Nguyen DD, Kim JK, Abbas T, Fernandez N, Fischer K, T Hoen LA, **Keefe DT**, Nelson CP, Viteri B, Wang HS, Weaver J, Yadav P, Lorenzo AJ. *J Pediatr Urol*. 2025 Jun;21(3):765-772.

Evaluation of ChatGPT's performance on answering pediatric urology questions based on association guidelines. MacNevin W, Dawe N, Harkness L, Salman B, **Keefe DT**. *Can Urol Assoc J*. 2025 Nov;19(11):E362-E367.

The 2025 update on artificial intelligence models in pediatric urology: Results from the AI-PEDURO collaborative. Khondker A, Ahmad I, Dhalla R, Kaushal S, Kwong JCC, Rickard M, Erdman L, Gabrielson AT, Nguyen DD, Kim JK, Chun B, Abbas T, Fernandez N, Fischer K, 't Hoen LA, **Keefe DT**, Nelson CP, Wang HS, Weaver J, Lorenzo AJ. *J Pediatr Urol*. 2025 Oct 25:S1477-5131(25)00575-3.

AI-PEDURO - Artificial intelligence in pediatric urology: Protocol for a living scoping review and online repository. Khondker A, Kwong JCC, Rickard M, Erdman L, Gabrielson AT, Nguyen DD, Kim JK, Abbas T, Fernandez N, Fischer K, 't Hoen LA, **Keefe DT**, Nelson CP, Viteri B, Wang HS, Weaver J, Yadav P, Lorenzo AJ. *J Pediatr Urol*. 2025 Apr;21(2):532-538.

NEUROSURGERY

Publications: 47

Senior Author: 16

Middle Author: 44

N-Methyl-D-Aspartate receptor antagonist treatment in traumatic brain injury: a systematic review of the clinical studies. Muradov JH, Reid H, Parker E, Phinney J, **Clarke DB**, Friedman A, **MacLean MA**. *Expert Rev Neurother.* 2025 Aug;25(8):991-1006.

Prevalence of Impairing Substance Use in Injured Drivers. Brubacher JR, Erdelyi S, Chan H, Simmons S, Atkinson P, Besserer F, **Clarke DB**, Davis P, Daoust R, Émond M, Eppler J, Lee JS, MacPherson A, Magee K, Mercier E, Ohle R, Parsons M, Rao J, Rowe BH, Taylor J, Vaillancourt C, Wishart I. *JAMA Netw Open.* 2025 Apr 1;8(4):e256379.

Intracavitary Yttrium-90 Colloid Therapy for Cystic Sellar Masses: A Phase II Clinical Trial With 5-Year Follow-Up. **MacLean MA**, Ahmad S, Hebb ALO, Tahir A, Greene R, Burrell S, Imran SA, **Clarke DB**. *Neurosurgery.* 2025 Apr 23.

Influence of cannabis and alcohol on motor vehicle injury severity in Canadian trauma centres: a prospective study. Simmons SM, Donoghue M, Erdelyi S, Chan H, Vaillancourt C, Atkinson P, Besserer F, **Clarke DB**, Davis P, Daoust R, Émond M, Eppler J, Lee JS, MacPherson A, Magee K, Mercier E, Ohle R, Parsons M, Rao J, Rowe BH, Taylor J, Wishart I, Brubacher JR. *Inj Prev.* 2025 Jul 16:ip-2025-045642.

The prevalence of benzodiazepines and other hypnotics and their impact on injury severity among older adults involved in motor vehicle collisions: a multicenter retrospective cohort study. Benhamed A, Emond M, Erdelyi S, Mercier E, Larouche L, Chan H, Blanchard PG, Daoust R, Vaillancourt C, Rowe BH, Lee JS, Atkinson P, Davis P, **Clarke DB**, Taylor J, Macpherson A, Parsons M, Wishart I, Magee K, Rao J, Brubacher JR. *J Safety Res.* 2025 Sep;94:294-300.

Canadian Spine Society: 25th Annual Scientific Conference, February 25 to 28, 2025, Fairmont Le Manoir Richelieu, La Malbaie, Charlevoix, Que., Canada. **Barry S, Pickett G, Christie S...**
See abstract for full author list → *Can J Surg.* 2025 Dec 12;68(6suppl3):S58-S132.

Trends and contributing factors in medicolegal cases involving cranial surgery in Canada. **Barry S**, Tourigny K, Barry T, Finestone PJ, Liu R, Fortier JH, MacIntyre A, Garber G. *J Neurosurg.* 2025 Oct 3:1-8.

Similar Medicolegal Patterns Emerge for Cranial Surgery Cases Globally. **Barry SP**, Barry TK. *World Neurosurg.* 2025 Dec 16:124743. doi: 10.1016/j.wneu.2025.124743.

The Tailored Biosimilar Approach: Expectations and Requirements. Guillen E, **Barry S**, Jost N, Ekman N, Knippel V, Kuhlmann-Gottke J, Maier J, Weise M, Laslop A, Anour R, van Zandbergen G, Kirsch-Stefan N. *Drugs.* 2025 May;85(5):601-608.

Severe neck pain among patients with degenerative cervical myelopathy: an observational study from the Canadian Spine Outcomes and Research Network. 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 Sep;25(9):1918-1927.

Return to driving after a craniotomy: a systematic review and evidence-based approach. Bergeron D, Ndongo Sonfack DJ, Moshref R, Rizzuto MA, **MacLean MA, Walling S, Christie SD**; *Canadian Neurosurgery Research Collaborative (CNRC)*. *Can J Neurol Sci.* 2025 Oct 24:1-20.

Guideline summary review: an evidence-based clinical guideline for the diagnosis and treatment of adults with neoplastic vertebral fractures. Cho CH, Hwang SW, Mazanec DJ, O'Toole JE, Watters WC 3rd, Annaswamy TM, Brook AL, Cheng DS, **Christie SD**, Cupler ZA, Enix DE, Eskay-Auerbach M, Goehl JM, Jones GA, Kalakoti P, Kasliwal MK, Kavadi NU, Kilincer C, Lantz JM, Rahmathulla G, Reinsel T, Shaw KA, Shawky Abdelgawaad A, Skuteris AM, Stone JA, Strayer AL, Vo AN. *Spine J.* 2025 Jul;25(7):1337-1346.

Who gets better after surgery for degenerative cervical myelopathy? A responder analysis from the multicenter Canadian Spine Outcomes and Research Network. Shakil H, Dea N, Malhotra AK, Essa A, Jacobs WB, Cadotte DW, Paquet J, Weber MH, Phan P, Bailey CS, **Christie SD**, Attabib N, Manson N, Toor J, Nataraj A, Hall H, McIntosh G, Fisher CG, Rampersaud YR, Evaniew N, Wilson JR. *Spine J.* 2025 Feb;25(2):276-289.

A High-Frequency Ultrasound Endoscope for Minimally Invasive Spine Surgery. MacMullin MN, Gu T, Landry TG, Campbell N, **Christie SD**, Brown JA. *IEEE Trans Ultrason Ferroelectr Freq Control.* 2025 Jun;72(6):828-836.

Implementation strategies for reducing carbon emissions in acute care: a scoping review protocol. Barber BV, Miller FA, Rainham D, **Christie S**, Berry M, Nsitem K, Murray G, Hanna S, Boulos L, Sinclair D, Cassidy C. *JBMI Evid Synth.* 2025 Nov 1;23(11):2347-2357.

Prophylaxis for venous thromboembolism in traumatic brain injury: protocol for a randomised controlled trial. Pirouzmand F, Mathieu F, Mansouri A, Kavikondala K, Alkins R, Boyd JG, **Christie S**, Couillard P, Cusimano MD, Engels PT, English S, Fourny D, Fowler R, Geerts W, Gooderham PA, Griesdale D, Hunter G, Jabejdar Maralani P, Kelly ME, Klein G, Kramer AH, Kromm J, Kutsogiannis DJ, Lauzier F, Machnowska M, Maslove DM, Mejia-Mantilla J, Midha R, Misra B, Murphy L, O'Kelly CJ, Patel C, Pinto RL, Pronovost AP, Sekhon M, Sharma SV, Sinclair J, Tsai E, Turgeon AF, Warade A, Scales DC; PROTEST investigators. *BMJ Open.* 2025 Dec 25;15(12):e114158.

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

Feasibility and Long-term Outcomes of Minimally Invasive Tubular Spinal Cord Stimulation Lead Placement. Klassen ABT, Potvin CD, Flynn PA, Gaonkar V, Hong M, Morris SH, **Christie SD**, **Weise LM**. *Neuromodulation.* 2025 Aug;28(6):1006-1013

Successful use of electrosurgery in an occipitocervical fusion procedure in a patient with an established cochlear implant: illustrative case. McIntosh MK, Hong M, **Morris DP**, **McNeely PD**, **Walling S**, **Christie SD**. *J Neurosurg Case Lessons.* 2025 Aug 11;10(6):CASE25167. *

Preoperative psychological health impacts pain and disability outcomes following anterior cervical discectomy and fusion for cervical radiculopathy. Cunningham EE, Bigney E, Dombrowski SU, Wedderkopp N, Manson N, Attabib N, Abraham E, Small C, Richardson E, Yang MMH, Crawford E, Weber MH, Paquet J, **Christie SD**, Charest-Morin R, LaRue B, Nataraj A, Hall H, Rampersaud YR, Fisher C, Dea N, Bailey C, Hébert JJ. *Sci Rep.* 2025 Apr 28;15(1):14861.

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

The impact of elective spine surgery in Canada for degenerative conditions on patient reported health-related quality of life outcomes. 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 G, **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. *

Satisfaction in surgically treated patients with degenerative cervical myelopathy: an observational study from the Canadian Spine Outcomes and Research Network. Chu Kwan W, Ailon T, Dea N, Evaniew N, Rampersaud R, Jacobs WB, Paquet J, Wilson JR, Hall H, Bailey CS, Weber MH, Nataraj A, Cadotte DW, Phan P, **Christie SD**, Fisher CG, Singh S, Manson N, Thomas KC, Toor J, Soroceanu A, McIntosh G, Charest-Morin R. *Spine J.* 2025 Feb;25(2):265-275.

Is the Level of Consent to a National Research Registry Associated With Patient Outcomes After Traumatic Spinal Cord Injury? A Population-Based Study From the Rick Hansen Spinal Cord Injury Registry. Dionne A, Mac-Thiong JM, Hong HA, Kurban D, Xu J, Humphreys S, Bailey C, Barthélemy D, **Christie S**, Fourny D, Linassi G, Loyola-Sanchez A, Paquet J, Sreenivasan V, Townson A, Tsai E, Noonan V, Richard-Denis A; RHSCIR Network. *Am J Phys Med Rehabil.* 2025 Feb 1;104(2):130-137.

Preoperative determinants of postoperative expectation fulfillment following elective lumbar spine surgery: an observational study from the Canadian Spine Outcome Research Network (CSORN). Singh V, **Glennie RA**, Wai EK, Weber M, Charest-Morin R, Attabib N, Small C, Kelly AM, Singh S, LaRue B, **Christie S**, Fournay D, Paquet J, Nataraj A, Dea N, Manson N, Bailey CS, Rampersaud YR, Soroceanu A, Fisher CG, Schoenfeld AJ, McIntosh G, Thomas K. Spine J. 2025 Aug;25(8):1618-1629. *

Severe neck pain among patients with degenerative cervical myelopathy: an observational study from the Canadian Spine Outcomes and Research Network. 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 Sep;25(9):1918-1927.*

An Evaluation of International Standards for Neurological Classification of Spinal Cord Injury (ISNCSCI) Performance Within the Canadian SCI Network. Hong HA, Parsons J, Xu J, Walden K, Fallah N, Cheng CL, Attabib N, **Christie SD**, Craven BC, Fehlings MG, Fournay DR, Ho C, Julien L, Kwon BK, Linassi GA, Loyola-Sanchez A, Moganathas S, Paquet J, Sreenivasan V, Mac-Thiong JM, Townson A, Tsai EC, Urquhart J, Whelan A, Noonan VK; **ISNCSCI Working Group**. Top Spinal Cord Inj Rehabil. 2025 Summer;31(3):15-36.

Outcome of Patients With Mild Degenerative Cervical Myelopathy Treated Nonoperatively: An Observational Study From the Canadian Spine Outcome and Research Network. Kögl N, Evaniew N, McIntosh G, Jacobs WB, Cadotte DW, Paquet J, Wilson JR, Hall H, Singh S, Weber MH, Nataraj A, Attabib N, Rampersaud RY, Phan P, **Christie SD**, Fisher CG, Small C, Bailey CS, Manson N, Wang Z, **Glennie A**, Soroceanu A, Dea N. Neurosurgery. 2025 Oct 15. *

Prolonged Symptom Duration is Associated with Inferior Quality of life Outcomes after Surgery for Degenerative Cervical Myelopathy: A Multicenter Cohort Study from the Canadian Spine Outcomes and Research Network. Levett JJ, McIntosh G, Dea N, Evaniew N, Urquhart JC, Cadotte DW, Phan P, Attabib N, Jacobs WB, Paquet J, **Christie SD**, Wang Z, Nataraj A, Hall H, Manson N, **Glennie RA**, Bailey CS, Fisher CG, Rampersaud RY, Weber MH. Spine (Phila Pa 1976). 2025 Sep 17 *

Reassessing the minimal clinically important differences of patient-reported outcomes in cervical myelopathy: a patient-centered approach from the Canadian Spine Outcomes and Research Network. Lozano CS, Shakil H, Evaniew N, Dea N, Malhotra AK, Davis AM, Paquet J, Weber MH, Phan P, Rodrigues Fernandes R, Attabib N, Cadotte DW, **Christie SD**, Small CA, Wang Z, Nataraj A, Fisher C, Rampersaud YR, Bailey CS, **Glennie RA**, McIntosh G, Wilson JR. J Neurosurg Spine. 2025 Dec 5:1-9 *

Upper Extremity Sensation After Surgery for Degenerative Cervical Myelopathy, Does it Change? An Observational Study from the Canadian Spine Outcomes and Research Network (CSORN). Karthikeyan V, Dea N, Malhotra AK, Shakil H, Cadotte DW, Singh S, Weber MH, Phan P, **Glennie A**, Wang Z, Small C, Soroceanu A, Urquhart JC, Paquet J, **Christie SD**, Rampersaud R, Evaniew N, Wilson JR. Spine (Phila Pa 1976). 2025 Sep 16. *

Fulfillment of patient expectations after surgery for degenerative cervical myelopathy. A retrospective analysis of prospectively collected data from the multicenter Canadian Surgical Spine Registry (CSORN). Zaldivar-Jolissaint JF, Evaniew N, Dea N, Jacobs WB, Paquet J, Wilson JR, Hall H, Singh S, Weber MH, Nataraj A, Attabib N, Cadotte DW, Rampersaud YR, Phan P, **Christie SD**, Fisher CG, Small C, Soroceanu A, Bailey CS, Thomas K, Manson N, McIntosh G, Wang Z, Toor J, **Glennie RA**, Charest-Morin R. Spine J. 2025 Nov 14:S1529-9430(25)00871-X *

Surgical practice variation and outcomes regarding single-level posterior approach for degenerative lumbar spondylolisthesis: a Canadian spine outcomes research network (CSORN) study. Cardahi F, Georgiopoulos M, Siddique A, Urquhart J, McIntosh G, Fournay D, Charest-Morin R, Al Rawahi S, Couture J, Manson N, **Christie S**, Paquette S, Paquet J, Singh S, Yee AJM, Ahn H, Larouche J, Weber MH. Spine J. 2025 Oct 16:S1529-9430(25)00854-X.

Is the Level of Consent to a National Research Registry Associated With Patient Outcomes After Traumatic Spinal Cord Injury? A Population-Based Study From the Rick Hansen Spinal Cord Injury Registry. Dionne A, Mac-Thiong JM, Hong HA, Kurban D, Xu J, Humphreys S, Bailey C, Barthélemy D, **Christie S**, Fournay D, Linassi G, Loyola-Sanchez A, Paquet J, Sreenivasan V, Townson A, Tsai E, Noonan V, Richard-Denis A; RHSCIR Network. Am J Phys Med Rehabil. 2025 Feb 1;104(2):130-137

Who gets better after surgery for degenerative cervical myelopathy? A responder analysis from the multicenter Canadian Spine Outcomes and Research Network. Shakil H, Dea N, Malhotra AK, Essa A, Jacobs WB, Cadotte DW, Paquet J, Weber MH, Phan P, Bailey CS, **Christie SD**, Attabib N, Manson N, Toor J, Nataraj A, Hall H, McIntosh G, Fisher CG, Rampersaud YR, Evaniew N, Wilson JR. *Spine J.* 2025 Feb;25(2):276-289.

Flipping the script: Conservative management of a flipped intrathecal baclofen pump. Archibold K, **McNeely PD**, Whelan A. *PM R.* 2025 Oct;17(10):1244-1245.

Reviewer Comment on Abraham et al. "Early Intervention Management Pathway for Intraventricular Hemorrhage of Prematurity: A Quality Improvement Analysis". Radic J, **McNeely PD**. *Can J Neurol Sci.* 2025 Dec 18:1.

Liberal or Restrictive Transfusion Strategy in Aneurysmal Subarachnoid Hemorrhage. English SW, Delaney A, Fergusson DA, Chassé M, Turgeon AF, Lauzier F, Tuttle A, Sadan O, Griesdale DE, Redekop G, Chapman M, Hannouche M, Kramer A, Seppelt I, Udy A, Kutsogiannis DJ, Zarychanski R, D'Aragon F, Boyd JG, Salt G, Bellapart J, Wood G, Cava L, **Pickett G**, Koffman L, Watpool I, Bass F, Hammond N, Ramsay T, Mallick R, Scales DC, Andersen CR, Fitzgerald E, Talbot P, Dowlatshahi D, Sinclair J, Acker J, Marshall SC, McIntyre L; SAHARA Trial Investigators on behalf of the *Canadian Critical Care Trials Group; Canadian Critical Care Trials Group.* *N Engl J Med.* 2025 Mar 13;392(11):1079-1088.

Optimised medical therapy alone versus optimised medical therapy plus revascularisation for asymptomatic or low-to-intermediate risk symptomatic carotid stenosis (ECST-2): 2-year interim results of a multicentre randomised trial. Donners SJA, van Velzen TJ, Cheng SF, Gregson J, Hazewinkel AD, Pizzini FB, Emmer BJ, Simister R, Richards T, Lyrer PA, Maurer M, Smith G, Tervit G, van der Steen L, **Pickett GE**, Gubitz G, Roozenbeek B, Scheele M, Bamford JM, Kooi ME, de Borst GJ, Jäger HR, Brown MM, Nederkoorn PJ, Bonati LH; *ECST-2 investigators.* *Lancet Neurol.* 2025 May;24(5):389-399.

Contrast-Induced Encephalopathy and the Blood-Brain Barrier. **MacLean MA**, Rogers PS, Muradov JH, **Pickett GE**, Friedman A, **Weeks A**, Greene R, Volders D. *Can J Neurol Sci.* 2025 Jan;52(1):85-94

An International Delphi Consensus on Defining the Optimal Surgical Composite Outcome in Metastatic Spine Disease. De la Garza Ramos R, Goodwin CR, Weber MH, Pahuta M, Patel SS, **MacLean M**, Sahgal A, Rhines LD, Sciubba DM, Netzer C, Dea N, Verlaan JJ, Gasbarrini A, Reynolds J, Barzilai O, Bettegowda C, Boriani S, Fisher CG, Gokaslan ZL, Lazary A, Laufer I, Shin JH, Charest-Morin R; AO Spine Knowledge Forum Tumor.Spine (Phila Pa 1976). 2025 Dec 15;50(24):1683-1691.

A Critical Appraisal of the Application of Frailty and Sarcopenia in the Spinal Oncology Population. **MacLean MA**, Charles AJ, Georgiopoulos M, Phinney J, Charest-Morin R, Goodwin R, Laufer I, Fehlings MG, Shin J, Dea N, Rhines LD, Sahgal A, Gokaslan Z, Stephens B, Disch AC, Kumar N, O'Toole J, Sciubba DM, Netzer C, Goldschlager T, Gibbs W, Weber MH; AO Spine Knowledge Forum Tumor.Global Spine J. 2025 Jan;15(1_suppl):47S-80S.

National multicentered retrospective review of salvage therapy for pediatric medulloblastoma: a Canadian experience. Kameda-Smith MM, Lannon M, Almojuela A, **MacLean MA**, Persad A, Sader N, Kulamurugan A, Manoranjan B, Erker C, Aminnejad M, Cooks B, Vitali AM, Hader W, Walling S, Daniel McNeely P, Yarascavitch B, Ajani O, Farrokhyar F, Fleming A, Singh SK; Canadian Neurosurgery Research Collaborative (CNRC) in conjunction with the McMaster Pediatric Brain Tumour Study Group (PBTSG). *Childs Nerv Syst.* 2025 Dec 1;41(1):391.

Impact of Brain Frailty on Clinical Presentation and Neurologic Recovery in Acute Ischemic Stroke Patients Undergoing Thrombectomy. Fladt J, Benali F, Jaroengarmsamer T, Bala F, Singh N, Nogueira RG, McTaggart R, Demchuk A, Poppe A, Buck BH, Tymianski M, Hill MD, Goyal M, Ganesh A, **Pickett G**, **Weeks A**; *ESCAPE-NA1 Investigators.* *Neurology.* 2025 May 27;104(10):e213619.

Gender differences in spine surgery for degenerative lumbar disease: prospective cohort study. **MacLean MA**, Charest-Morin R, Stratton A, Singh S, Kelly AM, **Pickett GE**, **Glennie A**, Bailey C, Weber MH, Attabib N, Cherry A, Crawford E, Paquet J, Dea N, Nataraj A, Abraham E, Eseonu KC, Johnson MG, Hall H, Thomas K, McIntosh G, Fisher CG, Rampersaud YR, Greene R, **Christie SD**. *J Neurosurg Spine.* 2024 Oct 18;42(1):24-32. *

Role of neck dissections in the management of carotid body tumors. Francis G, **Pickett G**, **Taylor SM**. *Laryngoscope Investig Otolaryngol.* 2025 Jan 15;10(1):e70056 *

The Terry Fox Research Institute Marathon of Hope Cancer Centres Network: A pan-Canadian precision oncology initiative. Terry Fox Research Institute Marathon of Hope Cancer Centers Network. **Weeks, A.** Electronic address: mmarra@bcgsc.ca; Terry Fox Research Institute Marathon of Hope Cancer Centers Network. *Cancer Cell*. 2025 Apr 14;43(4):587-592.

ORTHOPAEDICS

Publications: 64

Senior Author: 31

Middle Author: 56

Does Stem Design Affect the Incidence of Periprosthetic Femoral Fractures in Arthroplasty for Femoral Neck Fractures? A Secondary Analysis of the HEALTH Trial. Megaloikonon PD, Nowak L, Shehata M, Sprague S, Bzovsky S, Epure LM, De Petrillo G, Caron C, Laggis G, Huk OL, Zukor DJ, Bhandari M, Schemitsch EH, Antoniou J; **Oxner W, Biddulph M, Glazebrook M Leighton R Coles C**; HEALTH Investigators. *J Arthroplasty*. 2025 Aug;40(8S1):S322-S327.e3.

A pilot randomized control trial comparing posterior paramedian versus midline incisions for interbody fusions of the lumbar spine. Sonke CC, Dunning CE, Jones E, King CE, **Oxner WM, Glennie RA**. *Spine J*. 2025 Jul 11:S1529-9430(25)00337-7.

Cemented Fixation in Arthroplasty for Hip Fractures Does Not Increase Cardiopulmonary Complications: A Secondary Analysis of the HIP ATTACK Trial. Righolt CH, Borges FK, Sniderman J, Turgeon TR, Devereaux PJ, Bhandari M, Guerra Farfan E, Lawendy AR, Patel A, Tandon V, Szczeklik W, Ofori S, Wood GCA, **Oxner W, Coles C**; HIP ATTACK Investigators. *Clin Orthop Relat Res*. 2025 Aug 12.

Canadian Spine Society: 25th Annual Scientific Conference, February 25 to 28, 2025, Fairmont Le Manoir Richelieu, La Malbaie, Charlevoix, Que., Canada. **Glennie, A...** See abstract for full author list →*Can J Surg*. 2025 Dec 12;68(6suppl3):S58-S132.

Integra Dermal Regeneration Template in Reconstruction of Primary Oncologic Defects in the Lower Extremities: A Case Series. Ross K, Zinck N, **Wilson D, Rasmussen J, Biddulph M, Williams J**. *Plast Surg (Oakv)*. 2025 May 8:22925503251336254. *

Posterior Arthroscopic Anatomic Glenoid Reconstruction. Rappoldt L, Licht F, **Coady C, Wong I**. *Arthrosc Tech*. 2025 Feb 13;14(5):103453.

Arthroscopic Anatomic Glenoid Reconstruction With Bankart Repair and Remplissage for Recurrent Anterior Shoulder Instability with Bipolar Bone Loss. Mbogori M, **Coady C, Wong I**. *Arthrosc Tech*. 2024 Nov 16;14(4):103334.

Revision of Failed Arthroscopic Anatomic Glenoid Reconstruction Fixed With Suture Button to Arthroscopic Anatomic Glenoid Reconstruction Fixed With Screw Fixation. Alkhateeb J, Sherazadishvili L, Licht F, **Coady C, Wong I**. *Arthrosc Tech*. 2025 Jan 31;14(5):103439.

Heat and Illumination on the Important Topic of Postoperative Periprosthetic Femoral Fractures: Commentary on an article by J.N. Lamb, PhD, FRCS, et al.: "The Risk of Postoperative Periprosthetic Femoral Fracture After Total Hip Arthroplasty Depends More on Stem Design Than Cement Use. An Analysis of National Health Data from England" **Michael J Dunbar**, Lloyd Roffe, Anthony M Silva. *J Bone Joint Surg Am*. 2025 Mar 5;107(5):e15.

The power of registries and radiostereometric analysis (RSA). **Dunbar M**, Ryd L. *Acta Orthop*. 2025 Jan 7;96:11-12.

Clinically Relevant Gait Biomechanics Improvements After Total Knee Arthroplasty. Laudanski AF, Outerleys JB, Kirkwood R, Hubley-Kozey CL, Young-Shand KL, Richardson CG, **Dunbar MJ**, Astephen Wilson JL. *J Appl Biomech*. 2025 Oct 29;41(6):571-582. doi: 10.1123/jab.2024-0139. Print 2025 Dec 1. PMID: 41161300

Clinical integration of markerless motion capture: A multicentre study of gait in knee osteoarthritis. Outerleys J, Laende E, Malek M, Civiero S, Madden K, Ruder M, **Dunbar M**, Adili A, Kobsar D, Wilson J, Deluzio K. *J Biomech.* 2025 Nov;192:112952.

Associations between selective serotonin reuptake inhibitors and adverse events following hip fracture arthroplasty: a retrospective cohort study. Lethbridge L, Nagle M, Johnson E, **Richardson CG, Dunbar MJ.** *Hip Int.* 2025 Dec 18:11207000251374546

Repeatability of Knee Kinematic Gait Outcomes Using a Novel Hospital Hallway Setup of a Markerless Motion Capture System. Civiero SM, Laudanski AF, Legere HR, **Richardson CG, Dunbar MJ,** Astephen Wilson JL. *J Appl Biomech.* 2025 Dec 17:1-10.

Comparison of Total Knee Arthroplasty Soft-Tissue Balancing between Surgeon Feel and the Modified Pendulum Knee Drop (PKD) Assessment. Abbruzzese K, **Dunbar M**, Weir J, Sequeira SB, Mont MA, LiArno S. *J Knee Surg.* 2025 Nov 12.

Correlation of sit-to-walk and sit-to-stand performance with gait kinematic outcomes and self-reported pain and function in end-stage knee osteoarthritis. Ong RJL, Civiero S, Douglas JA, **Wilson JA, Richardson CG, Dunbar M.** *J Biomech.* 2025 Dec 12;195:113121.

Midterm survival of cementless total knee arthroplasty with a three-dimensional printed metal-backed patellar component from the American Joint Replacement Registry. Mahoney O, Bhowmik-Stoker M, Nam D, Mont MA, Sequeira SB, **Dunbar M.** *J Orthop.* 2024 Nov 1;69:107-111

Disparities in Utilization Rates of Total Knee and Hip Arthroplasty Among Racially Visible Populations in Canada: A Retrospective Cohort Analysis. **Burgesson B,** Lethbridge L, Haase DA, **Dunbar M;** Published in collaboration with the Health Association of African Canadians. *J Arthroplasty.* 2025 Nov;40(11):2805-2810.e3.

Outcomes of Total Ankle Replacement Versus Ankle Arthrodesis for the Treatment of End-Stage Ankle Arthritis: A Concise Follow-up, at a Minimum of 10 Years, of a Previous Report. **Glazebrook M,** Balasubramaniam U, Walls A, Younger ASE, Penner M, Wing K, Dryden PJ, Daniels TR. *J Bone Joint Surg Am.* 2025 Mar 19;107(6):552-557

An evidenced based review of the efficacy of fixation type and post operative weight-bearing status on metatarsophalangeal joint fusion for treatment of hallux rigidus. Purdie SD, Glazebrook HM, **Burgesson BN, Morash JG,** Senthilkumaran S, **Glazebrook MA.** *Foot Ankle Surg.* 2025 Sep 16:S1268-7731(25)00219-X.

Failures of Polyvinyl Alcohol Hydrogel Implant for Hallux Rigidus and Outcomes of Revision to Arthrodesis: Mid-Term to Long-Term Results. Glazebrook H, Bambarawana S, **Morash J,** MacDonald J, Walls A, **Burgesson B, Glazebrook M.** *Foot Ankle Spec.* 2025 Nov 26:19386400251385718.

Tendon Lacerations of the Foot and Ankle: A Contemporary Review. Lee SW, Guild TT, **Burgesson B,** Kwon JY. *Foot Ankle Int.* 2025 Jan;46(1):115-125.

Directly measured strain patterns of the anterior talofibular and calcaneofibular ligaments after isolated ATFL repair in a combined ATFL and CFL injury: A cadaver study. Takao M, Ozeki S, Kubo M, Oliva XM, Yamazaki T, Lowe D, Matsui K, Katakura M, Takeuchi Y, **Glazebrook M.** *J Orthop Sci.* 2025 Mar;30(2):364-371.

Custom Three-Dimensional Printed Scaffolds or Implants in Patients With Segmental Bone Loss of the Foot and Ankle: A Single-Centre Case Series. Wells J, Walls A, **Morash J.** *Cureus.* 2025 Jan 31;17(1):e78309.

Gender differences in spine surgery for degenerative lumbar disease: prospective cohort study. **MacLean MA,** Charest-Morin R, Stratton A, Singh S, Kelly AM, **Pickett GE, Glennie A,** Bailey C, Weber MH, Attabib N, Cherry A, Crawford E, Paquet J, Dea N, Nataraj A, Abraham E, Eseonu KC, Johnson MG, Hall H, Thomas K, McIntosh G, Fisher CG, Rampersaud YR, Greene R, **Christie SD.** *J Neurosurg Spine.* 2024 Oct 18;42(1):24-32. *

A surgical habitus: surgeons' perspectives on learner mistreatment in surgery. Peel S, **Glennie A,** Mahalik A, Burm S. *Adv Health Sci Educ Theory Pract.* 2025 May 24.

Surgical Outcomes and Patient Expectations and Satisfaction in Spine Surgery Stratified by Surgeon Age. Ellis 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 *

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

The impact of elective spine surgery in Canada for degenerative conditions on patient reported health-related quality of life outcomes. Manoharan R, Srikantharajah N, Murray JC, Nielsen C, Singh S, **Christie S**, Yang MMH, Weber M, Larue B, Kelly A, Paquet J, Charest-Morin R, Hogan G, **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. *

A cost-consequence analysis comparing spinal fusion and decompression with decompression alone in the treatment of degenerative spondylolisthesis. Hillier T, Rampersaud YR, Koto P, Bailey CS, Urquhart J, Fisher C, Dea N, Street JT, Charest-Morin R, Manson N, Abraham EP, Thomas K, **Glennie RA**. Bone Joint J. 2025 Dec 1;107-B(12):1317-1324.

Fulfillment of patient expectations after surgery for degenerative cervical myelopathy. A retrospective analysis of prospectively collected data from the multicenter Canadian Surgical Spine Registry (CSORN). Zaldivar-Jolissaint JF, Evaniew N, Dea N, Jacobs WB, Paquet J, Wilson JR, Hall H, Singh S, Weber MH, Nataraj A, Attabib N, Cadotte DW, Rampersaud YR, Phan P, **Christie SD**, Fisher CG, Small C, Soroceanu A, Bailey CS, Thomas K, Manson N, McIntosh G, Wang Z, Toor J, **Glennie RA**, Charest-Morin R. Spine J. 2025 Nov 14:S1529-9430(25)00871-X.*

Preoperative determinants of postoperative expectation fulfillment following elective lumbar spine surgery: an observational study from the Canadian Spine Outcome Research Network (CSORN). Singh V, **Glennie RA**, Wai EK, Weber M, Charest-Morin R, Attabib N, Small C, Kelly AM, Singh S, LaRue B, **Christie S**, Fourny D, Paquet J, Nataraj A, Dea N, Manson N, Bailey CS, Rampersaud YR, Soroceanu A, Fisher CG, Schoenfeld AJ, McIntosh G, Thomas K. Spine J. 2025 Aug;25(8):1618-1629. *

Severe neck pain among patients with degenerative cervical myelopathy: an observational study from the Canadian Spine Outcomes and Research Network. 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 Sep;25(9):1918-1927.*

Outcome of Patients With Mild Degenerative Cervical Myelopathy Treated Nonoperatively: An Observational Study From the Canadian Spine Outcome and Research Network. Kögl N, Evaniew N, McIntosh G, Jacobs WB, Cadotte DW, Paquet J, Wilson JR, Hall H, Singh S, Weber MH, Nataraj A, Attabib N, Rampersaud RY, Phan P, **Christie SD**, Fisher CG, Small C, Bailey CS, Manson N, Wang Z, **Glennie A**, Soroceanu A, Dea N. Neurosurgery. 2025 Oct 15. *

Prolonged Symptom Duration is Associated with Inferior Quality of Life Outcomes after Surgery for Degenerative Cervical Myelopathy: A Multicenter Cohort Study from the Canadian Spine Outcomes and Research Network. Levett JJ, McIntosh G, Dea N, Evaniew N, Urquhart JC, Cadotte DW, Phan P, Attabib N, Jacobs WB, Paquet J, **Christie SD**, Wang Z, Nataraj A, Hall H, Manson N, **Glennie RA**, Bailey CS, Fisher CG, Rampersaud RY, Weber MH. Spine (Phila Pa 1976). 2025 Sep 17 *

Reassessing the minimal clinically important differences of patient-reported outcomes in cervical myelopathy: a patient-centered approach from the Canadian Spine Outcomes and Research Network. Lozano CS, Shakil H, Evaniew N, Dea N, Malhotra AK, Davis AM, Paquet J, Weber MH, Phan P, Rodrigues Fernandes R, Attabib N, Cadotte DW, **Christie SD**, Small CA, Wang Z, Nataraj A, Fisher C, Rampersaud YR, Bailey CS, **Glennie RA**, McIntosh G, Wilson JR. J Neurosurg Spine. 2025 Dec 5:1-9 *

The effect of walking interventions on biomechanical knee osteoarthritis outcomes: A systematic review and meta-analysis. Budarick AR, Hubley-Kozey CL, Theou O, **Stanish WD**, Hannigan M, Moyer RF. Semin Arthritis Rheum. 2025 Aug;73:152755.

Quality of Non-Surgical and Non-Pharmacological Knee Osteoarthritis Care in the Maritimes. Budarick AR, Hubley-Kozey CL, Li LC, Theou O, **Stanish WD**, Moyer RF. *Musculoskeletal Care.* 2025 Mar;23(1):e70047.

Trauma systems: a global comparison. Miclau T, Balogh ZJ, Miclau KR, Bernstein B, Kojima KE, Kurozumi T, **Leighton RK**, Lundy DW, Putzeys G, Schipper IB, Vandesande W, de Camargo Leonhardt M, Miranda Goncalves MA, Pelosini Gaiarsa G, Pape HC. *OTA Int.* 2025 May 2;8(3 Suppl):e376.

Clinical trial of a new continuous compartment pressure monitoring to aid in the diagnosis of Acute Compartment Syndrome. 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.

Musculoskeletal trauma rehabilitation: a global comparison. Bernstein B, Lundy DW, Miclau TA, Balogh ZJ, Kitada S, **Leighton R**, Putzeys G, Padilla Rojas LG, Schipper I, Vallejo L, Tamayo-Cosio J, Garin Zertuche DE, Rojas Herrera CA, Soares Hungria JO, Leal Camacho JA, Caiero MT, Tabares Neyra H, Giordano V, Pape HC, Miclau T. *OTA Int.* 2025 Oct 13;8(6 Suppl):e437.

Infection and Nonunion Rates in Open Fractures: Description of 6,042 Fractures from the FLOW and PREP-IT Trials. Natoli RM, Marchand LS, Bzovsky S, Hagen JE, Gage MJ, Stennett CA, O'Hara NN, Jeray KJ, Petrisor B, Sprague S, Slobogean GP; **Leighton R, Wong I.** FLOW Investigators; PREP-IT Investigators; FLOW Investigators and the PREP- IT Investigators. *J Bone Joint Surg Am.* 2025 Nov 19;107(22):2541-2553.

Revisiting the FAITH Trial: A Secondary Analysis Yielding Novel Insights with the Win Ratio. Bzovsky S, O'Hara NN, Slobogean GP, Sprague S, Axelrod DE, Hoit G, Pannozzo K, Bhandari M, Swiontkowski M, Schemitsch E, Poolman RW; **Leighton R, Wong I** FAITH Investigators. *JB JS Open Access.* 2025 Nov 25;10(4):e25.00230.

Does Stem Design Affect the Incidence of Periprosthetic Femoral Fractures in Arthroplasty for Femoral Neck Fractures? A Secondary Analysis of the HEALTH Trial. Megaloikonomos PD, Nowak L, Shehata M, Sprague S, Bzovsky S, Epure LM, De Petrillo G, Caron C, Laggis G, Huk OL, Zukor DJ, Bhandari M, Schemitsch EH, Antoniou J; **Wong, I Leighton, R.** HEALTH Investigators. *J Arthroplasty.* 2025 Aug;40(8S1):S322-S327.e3.

Video-Based Assessment of Surgical Skill in Orthopaedic Surgery: A Technique Guide to Capturing Critical Surgical Detail. McNally J, **Wilson D**, Jones EE, Shahisavandi N, King C, **Coles C, Glennie RA.** *JB JS Open Access.* 2025 Apr 25;10(2):e24.00183.

Management of Labral Tears in the Hip: A Consensus Statement. Matache BA, Belzile ÉL, Ayeni OR, Garie L, Degen RM, Goudie R, Heroux M, Klett MJ, Persson E, **Urquhart N, Wong I;** AAC-CASEM Consensus Group; *J.Orthop J Sports Med.* 2025 Jan 23;13(1):23259671241305409.

Management of First-Time Anterior Shoulder Dislocation-A Systematic Review and Meta-analysis: Arthroscopy Association of Canada Position Statement. Abdel Khalik H, Dagher D, Lameire DL, Gusnowski E, Kolpka M, LeBel ME, Matache BA, Martin RK, Sommerfeldt M, **Wong I**, Woodmass J, Khan M. *Orthop J Sports Med.* 2025 Feb 6;13(2):23259671251316893

Guidelines for Designing and Conducting Delphi Consensus Studies: An Expert Consensus Delphi Study. Hohmann E, Beaufils P, Beiderbeck D, Chahla J, Geeslin A, Hasan S, Humphrey-Murto S, Hurley E, LaPrade RF, Martetschläger F, Matache B, Moatshe G, Monllau JC, Murray I, Niederberger M, Rüetschi U, Shang Z, Weber S, **Wong I**, Perry NP. *J.Arthroscopy.* 2025 Mar 27:S0749-8063(25)00234-8.

Live surgery increases operative time but not complication rate in patients undergoing arthroscopic anatomic glenoid reconstruction. Chan E, Remedios S, **Wong I.** *J ISAKOS.* 2025 Jun;12:100868.

Bridging reconstruction for massive rotator cuff tears has a low rate of arthritic progression and maintained excellent clinical outcomes for a minimum 5-year follow-up. Karpysyn J, Kizaki K, Ma J, Licht F, **Wong I.** *J Shoulder Elbow Surg.* 2025 Mar 13:S1058-2746(25)00212-5.

Bridging Reconstruction With Interpositional Dermal Allograft Has Superior Healing Than Does Maximal Repair for Treatment of Large to Massive, Irreparable Rotator Cuff Tears-Secondary Analysis of a Randomized Control Trial. Karpysyn J, Ma J, King JP, **Wong I.** *Arthroscopy.* 2025 Apr;41(4):903-913.

Patients with associated spine or other major joint pain have equivalent outcomes to patients with isolated hip pain after hip arthroscopy. Alrashedan BS, Remedios S, **Wong I.** J ISAKOS. 2025 Feb;10:100368.

Screw Fixation Has Better Outcomes, Lower Incidence of Redislocation, and Lower Bone Resorption Than Button Fixation for Arthroscopic Anatomic Glenoid Reconstruction With Distal Tibia Allograft: A Matched Cohort Analysis. Pancura D, Licht F, **Wong I.** Arthroscopy. 2025 Mar 7:S0749-8063(25)00155-0

Allograft Resorption Following Arthroscopic Anatomic Glenoid Reconstruction Is Part of Remodeling to Restore the Native Glenoid Size and Shape 6.9 Months Postoperatively. Dawe N, Ma J, **Wong I.** Arthroscopy. 2025 Mar 28:S0749-8063(25)00244-0.

Posterior Shoulder Instability, Part I-Diagnosis, Nonoperative Management, and Labral Repair for Posterior Shoulder Instability-An International Expert Delphi Consensus Statement. Hurley ET, Aman ZS, Doyle TR, Levin JM, Jazrawi LM, Garrigues GE, Namdari S, Hsu JE, Klifto CS, Anakwenze O, Dickens JFm, **Wong I;** Posterior Shoulder Instability International Consensus Group. Arthroscopy. 2025 Feb;41(2):166-180.e11

A Novel Approach to Femoral Cartilage Repair: Episealer Twin Implantation Case Report. Ibrahim M, **Wong I.** Case Rep Orthop. 2025 Dec 18;2025:5554169.

“Rotation Overlap Method” for 3D Wiring in Chronic Total Occlusion. Leung C, Ho CB, **Wong I,** Fong E, Lee MKY, Chan AKC. JACC Case Rep. 2025 Mar 19;30(6 Pt 1):102937.

Preoperative osteoarthritis severity influences quality of life trajectories following hip arthroscopy in individuals with femoroacetabular impingement syndrome. Halliwell C, Moyer R, **Wong I.** J ISAKOS. 2025 Nov 26;16:101044.

Use of custom three-dimensional printed models improves cam resection quality in arthroscopic treatment of femoral acetabular impingement syndrome. Ali M, Rayes J, Joannette-Bourguignon M, Sparavalo S, Ma J, **Wong I.** J ISAKOS. 2025 Dec;15:101003.

Drop landing between subjects post anterior cruciate ligament reconstruction and uninjured controls: A biomechanical and neuromuscular analysis. Murphy C, Landry S, **Urquhart N, Coady C,** Rutherford D. Clin Biomech (Bristol). 2025 Apr;124:106504.

Revision Quadriceps Tendon Rupture Repair Using BioBrace Augment: A Novel Case and Technique. Maranya S, Baker M, **Urquhart N.** Cureus. 2025 Nov 26;17(11):e97868.

OTOLARYNGOLOGY

Publications: 25

Senior Author: 17

Middle Author: 22

Trichloroacetic Acid as a Topical Treatment for Actinic Cheilitis. Kuta V, **Taylor SM.** OTO Open. 2025 May 23;9(2):e70132.

Role of neck dissections in the management of carotid body tumors. Francis G, **Pickett G, Taylor SM.** Laryngoscope Investig Otolaryngol. 2025 Jan 15;10(1):e70056. *

Patient Perspectives of Quality Compared to Quantity of Life Regarding Orbital Exenteration. Hathi K, MacKay C, Macfarlane R, **Taylor SM.** Otolaryngol Head Neck Surg. 2025 Jul 29.

Outcomes Following Transoral Laser Microsurgery for T1b and T2a Glottic Squamous Cell Carcinoma With and Without Anterior Commissure Involvement: A Retrospective Chart Review. Patel D, Taylor V, MacKay C, den Besten C, **Rigby MH, Corsten M, Brown T, Trites J, Taylor SM.** J Otolaryngol Head Neck Surg. 2025 Jan-Dec;54:19160216251348424.

“Close Then Clear” Margins in Transoral Resection of p16+ Oropharyngeal Squamous Cell Carcinoma. Den Besten C, Hathi K, MacKay C, Patel D, Bullock MJ, **Rigby MH, Taylor SM, Trites JR, Corsten M.** *Otolaryngol Head Neck Surg.* 2025 Dec;173(6):1432-1439.

Oncologic and Functional Outcomes of T3 Glottic Squamous Cell Carcinoma Following Transoral Laser Microsurgery: A Retrospective Chart Review. Taylor V, Bogner E, Henley J, MacKay C, **Rigby MH, Corsten M, Trites J, Taylor M.** *J Otolaryngol Head Neck Surg.* 2025 Jan-Dec;54:19160216251385930.

Carcinoma ex Pleomorphic Adenoma: Multi-Institutional Retrospective Cohort Study. Kassalow B, Prince A, Bullock M, Neal MH, Hart R, **Aff AA,** Forner D. *OTO Open.* 2025 Jul 11;9(3):e70147.

Diagnostic et prise en charge de la rhinosinusite chronique. **Chin CJ,** Scott JR, Lee JM. *CMAJ.* 2025 Apr 21;197(15):E427-E434

Postviral olfactory dysfunction. Akerman JM, Munroe KM, **Chin CJ.** *CMAJ.* 2025 Feb 9;197(5):E131.

Dysfonctionnement olfactif postviral. Akerman JM, Munroe KM, **Chin CJ.** *CMAJ.* 2025 Apr 13;197(14):E396-E397

Diagnosis and management of chronic rhinosinusitis. **Chin CJ,** Scott JR, Lee JM. *CMAJ.* 2025 Feb 17;197(6):E148-E154.

Is Topical Tranexamic Acid Effective in Treating Epistaxis? Munroe KM, Sowerby LJ, **Chin CJ.** *Laryngoscope.* 2025 Feb;135(2):488-490.

In Response to Is Topical Tranexamic Acid Effective in Treating Epistaxis? Munroe KM, Sowerby LJ, **Chin CJ.** *Laryngoscope.* 2025 Aug;135(8):E41-E42

Are Boot Camps an Effective Teaching Modality for Junior Otolaryngology Residents? **Chin CJ,** Fung K, Sardesai MG, You P, Roth K. *Laryngoscope.* 2025 May 5.

Oral Cavity Squamous Cell Carcinoma in Young Patients: A Multi-Institutional Study of the Canadian Head & Neck Collaborative Research Initiative. Hong X, **Quimby AE,** Mavedatnia D, Pickett AT, **Corsten M,** Zhang T, Tohme A, Johnson-Obaseki S, Khalil C, Khoury M, Eskander A, Noroozi H, Goldstein D, De Almeida J, Fowler J, MacNeil SD, Nichols AC, Dort J, Hart R, Matthews W, Christopoulos A, Dayan G, Bahig H, Hier MP, Sultanem K, Morand GB, Routhier-Chevrier B, Zhang ZS, Belzile M, Laref H, Olivier MJ, Maniakas A. *J Otolaryngol Head Neck Surg.* 2025 Jan-Dec;54:19160216251351562.

Fusion of Middle Ear Optical Coherence Tomography and Computed Tomography. Wang J, Couvreur F, Farrell JD, Ghedia R, Shoman N, **Morris DP,** Adamson RBA. *JAMA Otolaryngol Head Neck Surg.* 2025 May 1;151(5):476-484.

Successful use of electrosurgery in an occipitocervical fusion procedure in a patient with an established cochlear implant: illustrative case. McIntosh MK, Hong M, **Morris DP, McNeely PD, Walling S, Christie SD.** *J Neurosurg Case Lessons.* 2025 Aug 11;10(6):CASE25167. *

Decision aid for pediatric sleep disordered breathing: A randomized trial. Purcell Chad, **Corsten Gerard, Hong Paul.** *Int J Pediatr Otorhinolaryngol.* 2025 Apr;191:112269.

The Barriers and Facilitators of Shared Decision Making in Pediatric Otolaryngology: A Qualitative Study. Khan U, Luther E, Cassidy CE, Boss E, Meister KD, Bohm L, **Elise Graham M, Hong P.** *Otolaryngol Head Neck Surg.* 2025 Jan;172(1):273-282.

Ninety-Day Emergency Department Rebound Following Adult Tonsillectomy: A Retrospective Cohort Study. Hathi K, Francis G, Douglas J, Nemeth E, **Hong P.** *J Otolaryngol Head Neck Surg.* 2025 Jan-Dec;54:19160216251333350.

Outcomes of Tongue Reduction Surgery in Beckwith-Wiedemann Syndrome: A Systematic Review. Abraha B, Macintyre O, Brennan H, **Hong P, Bezuhly M.** *J Craniofac Surg.* 2025 Jan 8. *

Assessing Medical Student Attentional Bias in Unicoronal Craniosynostosis: An Eye-Tracking Study. Chan E, **Hong P, Bezuhly M.** *Cleft Palate Craniofac J.* 2025 Jul 17;10556656251360841. *

Misinformation and Readability of Social Media Content on Pediatric Ankyloglossia and Other Oral Ties. Booth L, Aldaihani A, Davidson J, Wilson C, Lawlor C, **Hong P, Graham ME.** JAMA Otolaryngol Head Neck Surg. 2025 Feb 1;151(2):143-150.

Pediatric Sharp Foreign Body Aspiration: Revealing Unexpected Risk Factors. Belaiche A, Lewis TA, Pugi J, Bogatchenko M, **Johnson LB,** Rosaasen TC, Nguyen LHP. Otolaryngol Head Neck Surg. 2025 Aug;173(2):385-391.

Pediatric airway foreign body-a unique simulation scenario for anesthesiology and otolaryngology trainees. Vlatten A, Bird SJ, **Brown T, Johnson L.** Can J Anaesth. 2025 Jul 14.

PLASTIC SURGERY

Publications: 41

Senior Author: 24

Middle Author: 14

A 5-Year Analysis of Saudi Arabian Applications to Plastic Surgery Residency Training in Canada. Samargandi OA, Fadel ZT, AlJaaly H, Al Qurashi AA, Samarkandi OA, Saadah OI, **Williams J.** Plast Surg (Oakv). 2025 Feb;33(1):179-185.

Integra Dermal Regeneration Template in Reconstruction of Primary Oncologic Defects in the Lower Extremities: A Case Series. Ross K, Zinck N, **Wilson D, Rasmussen J, Biddulph M, Williams J.** Plast Surg (Oakv). 2025 May 8:22925503251336254.*

A Practical Guide to Local Anesthetic Options for Wide-awake Hand Surgery (WALANT): A Laboratory-based Experimental Study. AlShammari A, Harrison JM, Greene B, Kwofie MK, **Lalonde DH, Krauss EM.** Plast Reconstr Surg Glob Open. 2025 May 6;13(5):e6730.

Understanding surgical decision-making in patients with traumatic upper extremity peripheral nerve injury: A retrospective cohort study. Stephens T, Bristol S, Chapman KM, Doherty C, Seal A, **Krauss EM,** Cunningham C, O'Connor R, Jack K, Berger MJ. J Plast Reconstr Aesthet Surg. 2025 May;104:407-413.

Current Best Evidence for 5 Promising Medications Used for Scar Minimization Therapy. Dua N, Burke E, **Rasmussen J.** Plast Surg (Oakv). 2025 Mar 13:22925503251322528.

Increased prehospital mortality in patients with combined burns and trauma in Canada: Analysis of a provincial trauma registry database. Nunn J, **Rasmussen J,** Kureshi N, Green RS, Erdogan M. Burns. 2025 Mar;51(2):107363.

Abnormal breast pathology after breast reduction surgery: A case-series and a 10-year retrospective chart review Panthea Pouramin, Krystal Stewart, Anna Duncan, Todd Dow, **Margaret Wheelock.** J Plast Reconstr Aesthet Surg.

Wide Awake Breast Reduction. Gruber MM, **Lalonde DH.** Plast Reconstr Surg Glob Open. 2025 Mar 21;13(3):e6577.

Extensor tendons: can we design a simpler classification zone system? Tang JB, **Lalonde D.** J Hand Surg Eur Vol. 2025 Apr;50(4):564-567

Extensor tendon repairs: consensus, current guidelines and recommendations. Tang JB, Fernandes CH, **Lalonde D,** Moriya K, Vögelin E, Ayhan E, Unger CSV, Orillaza N, Farnebo S, Paavilainen P. J Hand Surg Eur Vol. 2025 Aug 13:17531934251363138

Hand and Upper-Extremity Surgeons Are Poised to Lead Efforts in Promoting Sustainability in the Operating Room. Garcia BN, Fox PM, **Lalonde DH,** Bellaire LL. J Hand Surg Am. 2025 Jun 17:S0363-5023(25)00226-6

Tumescent Local Anesthesia for Wide-awake Sentinel Lymph Node Biopsy. Dool JS, **Lalonde DH.** Plast Reconstr Surg Glob Open. 2025 Mar 21;13(3):e6578.

Recent Developments in WALANT Flexor Tendon Repair and Rehabilitation. **Lalonde DH,** Sepehripour S. Plast Reconstr Surg Glob Open. 2025 Mar 21;13(3):e6573.

WALANT Technique Scaphoid Fracture and Wrist Surgery With Field Sterility. Ponich BJ, Giuffre MJ, Ramji M, **Lalonde DH**, Knox ADK. *Plast Reconstr Surg Glob Open.* 2025 Mar 21;13(3):e6576.

Minimal Pain Tumescant Local Anesthesia WALANT Basal Thumb Arthritis Implant Arthroplasty. Brutus JP, **Lalonde DH**. *Plast Reconstr Surg Glob Open.* 2025 Mar 21;13(3):e6571.

State-of-the-art review: The advantage and use of Wide Awake Local Anaesthesia No Tourniquet (WALANT) for nerve decompression surgery. Ahmad AA, **Lalonde DH**. *Int Orthop.* 2025 Apr;49(4):959-963.

Minimal Pain Tumescant Local Anesthesia for Wide-awake Forehead Flap Nasal Reconstruction. Selman TD, Nam YS, **Lalonde DH**. *Plast Reconstr Surg Glob Open.* 2025 Mar 21;13(3):e6569.

Minimally Painful Tumescant Local Anesthesia for Wide-awake Javid Loop Colostomy Reversal. Shah JM, Ondiveeran HK, Sepehripour S, **Lalonde DH**. *Plast Reconstr Surg Glob Open.* 2025 Mar 21;13(3):e6570

Tips to Help Hand Surgeons and Therapists Do Their Own Ultrasound Examinations. Martinel V, Serrano-Belmar GA, Pelet H, **Lalonde DH**. *Plast Reconstr Surg Glob Open.* 2025 May 1;13(5):e6740.

How to Start WALANT Procedure Room Surgery Like Ghana to Improve Access and Affordability. Schumacher ZN, Tano EK, Fiifi-Yankson PKS, **Lalonde DH**. *Plast Reconstr Surg Glob Open.* 2025 Mar 21;13(3):e6575.

Words to Avoid During Wide-awake Local Anesthesia No Tourniquet Surgery to Enhance Patient Experience. Brutus JP, Barone N, Stolberg K, Russell P, **Lalonde DH**. *Plast Reconstr Surg Glob Open.* 2025 Jan 21;13(1):e6396.

Patients Tracking Pain Episodes Show Wide-awake Local Anesthesia Without Tourniquet Can Be Nearly Painless. Brutus JP, Ahmad AA, Aparad T, Tchiloemba B, Chang MC, **Lalonde DH**. *Plast Reconstr Surg Glob Open.* 2025 Mar 21;13(3):e6568.

WALANT Decreases Costs of Surgery to Increase Access and Help Alleviate Poverty in East Africa. Jani P, Kariuki J, Jani NV, Pandya SM, Dave AJ, Amin SM, Rashid BA, **Lalonde DH**. *Plast Reconstr Surg Glob Open.* 2025 Mar 21;13(3):e6572.

Surgeons Can Decrease the Pain of WALANT Local Anesthesia Injection if They Ask for Patient Feedback. Greene C, Droppelmann G, Fodor D, **Lalonde DH**. *Plast Surg (Oakv).* 2025 Mar 29:22925503251327930.

A Multicenter Prospective Study of 3,110 Consecutive Cases of Elective Epinephrine Use in the Fingers and Hand: The Dalhousie Project Clinical Phase. **Lalonde D**, Bell M, Benoit P, Sparkes G, Denkler K, Chang P. *J Hand Surg Am.* 2025 May;50(5):587-593.

A Comparison of Complication Rates in Flexor Tendon Repair Performed in Operating Rooms Versus Clinic-Based Procedure Rooms. Tessier L, Gélinas A, Speak A, **Lalonde D**, Haddad J. *Plast Surg (Oakv).* 2025 Jan 17:22925503241309926.

Bridging Gaps in Surgical Care: Facial Trauma Management Through the Surgeons in Humanitarian Alliance for Reconstruction, Research, and Education Initiative. Tilahun H, Laspro M, Hassan BA, McIntyre JK, Gosman AA, **Lalonde D**, Pusic AL. *Plast Reconstr Surg Glob Open.* 2025 Mar 21;13(3):e6631.

President's Letter. **Bezuhly M**. *Clin Invest Med.* 2025 Mar;48(1):2.

Angiotensin Receptor Autoantibodies in Dupuytren Disease: A Biomarker Study. Osborne ND, Harrison JM, Tang D, **Joukhadar NG**, **Bezuhly M**. *Plast Surg (Oakv).* 2025 Jun 5:22925503251344305.

Assessing Medical Student Attentional Bias in Unicoronal Craniosynostosis: An Eye-Tracking Study. Chan E, **Hong P**, **Bezuhly M**. *Cleft Palate Craniofac J.* 2025 Jul 17:10556656251360841. *

Outcomes of Tongue Reduction Surgery in Beckwith-Wiedemann Syndrome: A Systematic Review. Abraha B, Macintyre O, Brennan H, **Hong P**, **Bezuhly M**. *J Craniofac Surg.* 2025 Jan 8. *

Measuring the Unilateral Cleft Lip Nasal Deformity: Lateral Deviation of Subnasale Is a Clinical and Morphologic Index of Unrepaired Severity. Tse RW, Sitzman TJ, Allori AC, Ettinger RE, Fisher DM, **Bezuhly M**, Samson TD, Beals SP, Matic DB, Mercan E. *Cleft Palate Craniofac J.* 2025 Jan;62(1):69-78.

Immediate postoperative outcomes after unilateral cleft lip repair do not differ by laterality: Results of the multiethnic smile index study. **Bezuhly M**, Kanters A, Auslander A, Magee WP 3rd, Yao CA. *J Plast Reconstr Aesthet Surg.* 2025 Sep;108:123-128.

Persistent glycolysis defines pathological foreign body-associated inflammation to polymeric implants. Rempe C, Callaghan N, Fong-Hollohan L, Nersesian S, Froom Z, Medd K, Ahmed I, Karakach T, Boudreau JE, **Bezuhly M**, Davenport Huyer L. *Sci Adv.* 2025 Dec 19;11(51):eadx6368.

Intentional Hand Fractures are Associated with Future Psychiatric Conditions in Youth. Piccolo O, Boudreau C, Dow T, Bati B, Etches S, **Bezuhly M**. *Plast Reconstr Surg.* 2025 Dec 23.

Experiences of Obturator Use in Adults With Unrepaired Cleft Palate: A Qualitative Study. Salazar B, Diaz J, Benitez M, Ocampo P, Recalde J, Fariña M, Aguilar B, Velasquez S, Auslander A, **Bezuhly M**. *Cleft Palate Craniofac J.* 2025 Oct 30:10556656251390716.

A Rating Scale for Obtaining Specific, Actionable Evaluations of Nasolabial Aesthetics After Unilateral Cleft Lip Repair. Sitzman TJ, Samson TD, Tse RW, Matic DB, Fisher DM, Beals SP, Allori AC, Marcus JR, **Bezuhly M**, Hanna H. *Plast Reconstr Surg.* 2025 Sep 23. doi: 10.1097/PRS.0000000000012474.

Silver Confers No Additional Benefit to Re-Epithelialization of Pediatric Partial Thickness Burns: Results of a Randomized Controlled Trial. Duncan A, Boehm K, Pinaud B, Woodgate E, Burrows R, **Wheelock M**, **Bezuhly M**. *Plast Reconstr Surg.* 2025 Dec 30. doi: 10.1097/PRS.0000000000012791.

Measuring the Unilateral Cleft Lip Nasal Deformity: Lateral Deviation of Subnasale Is a Clinical and Morphologic Index of Unrepaired Severity. Tse RW, Sitzman TJ, Allori AC, Ettinger RE, Fisher DM, **Bezuhly M**, Samson TD, Beals SP, Matic DB, Mercan E. *Cleft Palate Craniofac J.* 2025 Jan;62(1):69-78.

Immediate postoperative outcomes after unilateral cleft lip repair do not differ by laterality: Results of the multiethnic smile index study. **Bezuhly M**, Kanters A, Auslander A, Magee WP 3rd, Yao CA. *J Plast Reconstr Aesthet Surg.* 2025 Sep;108:123-128.

THORACICS

Publications: 14

Senior Author: 6

Middle Author: 15

HSR25-165: The Effectiveness of Implementing a Community-Based Lung Clinic in Rural Community Cancer Center. Alsrayheen EA, **French DG**, **Ednie A**, **Mujoomdar A**, **Plourde M**, Nugent V, Beecham K, Wallace A, Fuentes Y, Gillis S, Johnson G, Pahil R. *J Natl Compr Canc Netw.* 2025 Mar 28;23(3.5):HSR25-165.

Starting a surgical prehabilitation program: results from a pragmatic nonrandomized feasibility study. Randall IM, Au D, Sibley D, Matthew AG, Chen M, Brahmhatt P, Mach C, Sellers D, Alibhai SMH, Clarke H, **Darling G**, McCluskey SA, McKinney L, Ng K, Quereshy F, Karkouti K, Santa Mina D. *Can J Anaesth.* 2025 Jan;72(1):162-172.

Surveillance frequency in resected esophageal cancer: Towards personalization of follow-up. Bolger JC, Xiao K, Ristic I, **Darling GE**, Wakeam E, Yeung JC. *Eur J Surg Oncol.* 2025 Jul;51(7):110001.

Impact of telehealth postoperative care on early outcomes following Esophagectomy. Xiao K, Bolger JC, Allison F, **Darling GE**, Yeung JC. *J Thorac Cardiovasc Surg.* 2025 Feb;169(2):677-682.

The location and degree of residual disease determines recurrence patterns and survival in patients with esophageal adenocarcinoma after trimodal therapy. Andrews WG, Blitz S, Sewell M, Molena D, Hofstetter WL, Yeung J, **Darling GE**, Sharata A, DeMeester SR, Peyre CG, Dunn C, Lipham JC, Bograd AJ, White PT, Farivar AS, Louie BE. *Dis Esophagus*. 2025 Nov 1;38(6):doaf125.

Long-segment tracheal resection and reconstruction with a costal cartilage strut reinforced forearm free flap. Honest PC, Gilbert R, **French DG**, de Perrot M, Donahoe LL. *JTCVS Tech*. 2025 Feb 7;30:162-163.

Trends and variations in Canadian thoracic surgical volume and perioperative practice during the COVID-19 pandemic. Jones D, Simone A, Hyun C, Anstee C, Gingrich M, Villeneuve J, **French D**, Johnston B, Gowing S, Spicer J, Ferri L, Seely AJE. *Can J Surg*. 2025 Sep 26;68(5):E365-E375.

Screening Criteria Evaluation for Expansion in Pulmonary Neoplasias (SCREEN) II. Huo B, Kontouli KM, Manos D, Xu Z, Chun S, Fris J, **Wallace AMR, French DG**. *Can J Surg*. 2025 Jan 3;68(1):E1-E9.

Delayed Bronchopleural Fistula Formation Following Salvage Surgery of Stage IV Anaplastic Lymphoma Kinase-Positive Non-Small-Cell Lung Cancer. Barter L, Snow S, **Mujoomdar A**, Best L, **French D**. *Curr Oncol*. 2025 Apr 25;32(5):250.

Implementing CDC's Active Communities Tool and Action Planning Guide With Local Health Departments in New York State: A Program to Convene Cross-Sector Partnerships for Transportation and Land Use Planning. Archibald A, **French D**, Davis CF, Lowenfels A, Brissette I. *Health Promot Pract*. 2025 Nov 27:15248399251390512.

Identification of Driver Mutations and Risk Stratification in Lung Adenocarcinoma via Liquid Biopsy. Pathak GP, Shah R, Reiman T, **Wallace A**, Carter MD, Snow S, Fris J, Xu Z. *Cancers (Basel)*. 2025 Apr 16;17(8):1340.

Perioperative Outcomes of Lung Cancer Surgery in Women: A Canadian Nationwide Retrospective Cohort Study. Philpott HT, Murphy R, McCausland C, Gao Y, Anstee C, Gingrich M, Seely A, **Wallace A**; CATS Database Working Group. *Eur J Cardiothorac Surg*. 2025 Jul 1;67(7):ezaf236.

Efficacy of negative pressure wound therapy blowhole placement in alleviating severe subcutaneous emphysema and associated transient blindness following video-assisted thorascopic surgery: a case series. Gao Y, Savonitto E, Liang S, **Wallace A**. *J Surg Case Rep*. 2025 Jul 10;2025(7):rjaf449.

Prehabilitation Program for Lung and Esophageal Cancers (Boosting Recovery and Activity Through Early Wellness): Protocol for a Nonrandomized Trial. Langley JE, Sibley D, Chiekwe J, Keats MR, Snow S, Purcell J, Sollows S, Hill L, Watton D, Gaudry AE, Hashish I, **Wallace A**. *JMIR Res Protoc*. 2025 Mar 10;14:e60791.

VASCULAR

Publications: 3

Senior Author: 1

Middle Author: 2

Aortoenteric fistula following elective laparoscopic cholecystectomy. Tupper-Ring L, Mills L, McDonald J, Lightfoot C, **Livingstone S, Jessula S**. *Vasc Surg Cases Innov Tech*. 2025 Feb 25;11(3):101761*

Optimizing platelet inhibition in peripheral artery disease: A comparison of mono-antiplatelet therapy and dual-antiplatelet therapy using thromboelastography. Lee I, Suarez S, Hall R, Majumdar M, Bellomo T, **Jessula S**, Nuzzolo K, Jefferson DM, Zacharias N, Dua A. *Vascular*. 2025 Feb;33(1):3-18.

The PREHAAAB Trial: Multimodal prehabilitation for patients awaiting open abdominal aortic aneurysm repair - A study protocol for an international randomized controlled trial. Coca-Martinez M, Doonan RJ, Gillis C, Mackenzie K, Obrand DI, Bayne JP, Steinmetz OK, Girsowicz E, Lopez-Baamonde M, **Jessula S**, Yugueros X, Martinez-Palli G, Gill HL. *PLoS One*. 2025 Dec 29;20(12):e0339473.

PEDIATRIC SURGERY /OTHER AFFILIATED MEMBERS

Lyme Neuroborreliosis Presenting with Isolated Intracranial Hypertension: A Case Report

Dax Bourcier ¹, Joyce Beshara ², Griffin Pauli ³, Tyler Henry ⁴, Michael Peckford ⁵, Richard Huntsman ⁵, **Bashar M Bata** ⁶, Tobias R Kollmann ¹ Case Rep Neurol. 2025 May 26;17(1):72-78.

Gene Variant Spectrum in Proband With Familial Exudative Vitreoretinopathy Using an Expanded Panel.

van der Ende S, Bedard K, Wallace K, Mackley MP, Nightingale M, Gaston D, Beis MJ, Leblanc MA, Gillett R, Levin AV, Clark IH, Héon É, Muni RH, Traboulsi EI, Lyons CJ, McMaster CR, **Robitaille JM**; FEVR Consortium. Invest Ophthalmol Vis Sci. 2025 Feb 3;66(2):23.

Recessive variants in the intergenic NOS1AP-C1orf226 locus cause monogenic kidney disease responsive to anti-proteinuric treatment.

Buerger F, Salmanullah D, Liang L, Gauntner V, Krueger K, Qi J, Normand J, Sharma V, Ranga A, Rubin A, Ball D, Hong S, Lemberg K, Saida K, Merz LM, Sever S, Issac B, Ma Q, Sun L, Billing AM, Demir F, Rinschen MM, Reusch B, Beck BB, Guerrero-Castillo S; Nephrotic Syndrome Study Network (NEPTUNE); Gomez AC, McNulty MT, Sampson MG, Al-Hamed MH, Saleh MM, Shalaby MA, Kari JA, **Fawcett JP**, Hildebrandt F, Majmundar AJ. Nat Commun. 2025 Nov 27;16(1):10654.

Humoral and cell-mediated immune responses to COVID-19 vaccines up to 6 months post three-dose primary series in adults with inborn errors of immunity and their breakthrough infections

Dana Unninnayar ¹, Emilia L Falcone ², Hugo Chapdelaine ², Donald C Vinh ³, Karina A Top ⁴, Beata Derfalvi ⁴, **Thomas B Issekutz** ⁴, H  l  ne Decaluwe ⁵, Anne Pham-Huy ⁶, Julia Upton ⁷, Stephen D Betschel ⁸, Tamar Rubin ⁹, Sneha Suresh ¹⁰, Nicola A M Wright ¹¹, Luis Murgu  a-Favela ¹¹, Tatiana Kalashnikova ¹¹, Lisa Barrett ¹², Sharon Oldford ¹², Marc-Andre Langlois ¹³, Corey Arnold ¹³, Manish Sadarangani ¹⁴, Tinghua Zhang ¹, Tim Ramsay ¹, Dina Yazji ¹³, Juthaporn Cowan. Observational Study Front Immunol 2025 Jan 21;15:1501908.

APPENDIX 2

Grants

All grants held

DIVISION	TOTAL 2025	NUMBER OF GRANTS	PI	CO-PI	CO-APP
General Surgery	\$4,168,341.46	10	3	0	8
Cardiac Surgery	\$100,000.00	1	1		
Otolaryngology	\$14,648,646.11	7	2	1	4
Thoracics	\$31,597,880.00	5	1	2	2
Neurosurgery	\$14,388,348.00	18	3	3	13
Plastic Surgery	\$735,572.00	6	1	4	1
Ortho	\$3,142,578.00	12	9	3	6
Vascular	\$103,573.00	2	2		
TOTAL	\$68,884,938.57	61	22	13	34

CHAIRS

RAMIA CHAIR IN CANCER RESEARCH – Dr. Carman Giacomantonio

QEII Chair in Arthroplasty – Dr. Michael Dunbar

PI driven grants held	22 grants are held in the DEPT	Co PI Grants held	13 grants are held in the Dept
General Surgery	\$2,365,341.46	General Surgery	\$25,000.00
Cardiac Surgery	--	Cardiac Surgery	\$100,000.00
Otolaryngology	\$120,000.00	Otolaryngology	\$40,000.00
Thoracics	\$250,000.00	Thoracics	\$150,000.00
Neurosurgery	\$235,734.00	Neurosurgery	\$1,088,451.00
Plastic Surgery	\$24,970.00	Plastic Surgery	\$610,612.00
Ortho	\$1,163,392.00	Orthopaedics	\$1,301,725.00
Vascular	\$103,573.00	Vascular	--
PI Held Monies	\$4,263,010.46	Co-PI Monies	\$3,315,788.00

TOTAL GRANTS HELD: **\$7,578,798.46**

Vascular

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
Jessula, Samuel	X	--	--	Canadian Society of Vasulcar Surgery	\$5,000.00	2025	--	Virtual prehabilitation in patients undergoing elective AAA repair
Jessula, Samuel	X			Research Nova Scotia	\$98,573.00	2025	2025-2027	Virutal prehabilitations in patients undergoing elective AAA repair
New	--	--	--	CIHR (traveled) NEW	--	--	--	--

TOTAL GRANTS HELD: **\$103,573.00**

Cardiac Surgery

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
Hirsch, Greg	--	X	--	MITACS Partnership/ Research and Innovation NSHA	\$100,000.00	2024	2024-2025	AI intelligence for dynamic risk assessment and outcome optimization (AIRO).

TOTAL GRANTS HELD: **\$100,000.00**

General Surgery

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
Gala-Lopez, B	--	--	X	NSHRF	\$25,000.00	2024	2024-2025	T1rho MRI as predictor of treatment response in pancreatic cancer
Gala-Lopez, B	--	X	--	NSHRF	\$25,000.00	2024	2024-2025	Sex Difference and non-hepatic surgical outcome in NS Adults with Liver Cirrhosis
Neumann, K Spence, R	--	--	X	Research and Innovation	\$50,000.00	2024	2024-2025	Increasing adoption of MIS colectomies in NS using remote proctoring and telementoring.
Neumann, K Spence, R	--	--	X	RNS	\$98,000.00	2024	2024-2025	The Delivery of Oncologic Surgery in NS
Neumann, K	X	--	--	GalaxoSmithKline	\$165,341.46	2024	2024-2027	A Phase 3, Open-Label, Randomized Study of Perioperative Dostarlimab Monotherapy vs SOC in dMMR/MSI-H Colon
Knapp, G	X	--	--	IWK Foundation	\$2,000,000.00	2024	2024-2029	Breast Health Research Unit
Knapp, G	--	--	X	Marathon of Hope Cancer Centres Network	\$1,080,000.00	2024	2024-2027	Profiling the coding and long non-coding transcriptome to identify novel genetic mediators of breast tumor immune suppression
Knapp, G	--	--	X	CRS	\$125,000.00	2024	2024-2027	Investigating THSD4 as a novel mediator of breast cancer immunosuppression and pembrolizumab resistance
Giacomantonio, C	X	--	--	Sidney Crosby Foundation	\$200,000.00	2023	2023-2025	Personalized Cancer Treatment Targeting Tumor Microenvironments

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
Giacomantonio, C	--	--	X	JD Irving, Canadian Cancer Society	\$400,000.00	2022	2022-2025	Targeting downstream effectors of serine biosynthesis pathway metabolites in triple negative breast cancer
Giacomantonio, C	--	--	--	Ramia Chair in Cancer Research	--	--	--	--
TOTAL GRANTS HELD: \$4,168,341.46					\$165,341.46 \$2,000,000.00 \$200,000.00 \$2,365,341.46 PI	\$25,000.00 Co-PI		

Thoracics

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
WALLACE, Alison	--	--	X	Canadian Cancer Society	\$5,197,880.00	2023	2023-2028	CCS-Breakthrough Grant- Exposome profiling as an emerging tool for lung cancer early detection and prevention
WALLACE, Alison	X	--	--	Dalhousie / Medical Research Foundation Molly Appeal for Cancer Research	\$250,000.00	2022	2022-2027	Tissue imager for precision oncology and next generation cancer diagnostics
WALLACE, Alison	--	--	X	Terry Fox Research Institute MOH	\$26,000,000.00	2023	2023-2027	Atlantic Cancer Consortium application for designation under the Marathon of Hope Cancer Centres Network (TFRI)
Wallace, Alison	--	X	--	LUNG NS PEI	\$70,000.00	2024	2024-2027	Leveraging microbiomes from multiple body sites to predict survival and treatment response in lung cancer
Wallace, Alison	--	X	--	CIHR	\$80,000.00	2024	2024-2025	Radon and Air pollutant Induced Disease Prevention
TOTAL GRANTS HELD: \$31,597,880.00					\$250,000.00 PI	\$150,000.00 Co-PI		

Neurosurgery

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
Christie, Sean	--	--	X	NSERC Alliance	\$470,500.00	2024	22024-2025	Climate Crisis: Estimating greenhouse gas emissions enviornmental impacts of surgjcal procedures and hospital operations
Christie, Sean	--	--	X	Enviornment & Climate Change Canada	\$6,000,000.00	2020	2020-2026	Project CASCADES (Creating a sustainable Canadian Health System in a Climate Crisis
Christie, Sean	--	X	--	NSHRF	\$99,999.00	2024	2024-2026	Ultrasound Endoscope for Minimally Invasive Spine Surgery
Chrsite, Sean	--	--	X	CIHR	\$520,788.00	2020	2020-2025	Anticoagulation therapy Timing in Atrial Fibrillation after Chronic Subdural Hematoma External Drainage
Christie, Sean	X	--	--	Medtronic Canada	\$40,000.00	2024	2024-2025	Sustainable Surgery
Christie, Sean	--	--	X	CIHR	\$302,175.00	2025	2025-2030	Development and Testing of the Cervical Myelopathy Severity Index: A Patient Centered Outcome Measurment tool to Facilitate Improved Clinical Care Reserachin Degenerative Cervical Myelopathy
Clarke, David	--	--	X	CIHR	\$849,150.00	2024	2024-2027	Microvascular Pathology as a Therapeutic Target for Epilepsy

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
Clarke, David	--	--	X	Mitacs Accelerate	\$90,000.00	2024	2024-2025	Geospatial and Machine Learning Methods for Traumatic Brain Injury Prevention and Outcome Prediction in NS
Clarke, David	--	--	X	Public Safety Canada	\$1,539,000.00	2023	2023-2025	Monitoring drug impaired driving in Canada through toxicological analyses of injured drivers
CLARKE, David	--	--	X	INOVAIT: Neurosciences, Mental Health & Addiction	\$887,400.00	2023	2023-2029	INOVAIT: Diagnosis and Treatment of Blood Brain Barrier Leakage in Repetitive Mild Traumatic Brain Injury
Clarke, David	--	X	--	CIHR	\$558,452.00	2024	2024-2028	Improving mental health practices in patients recovering from trauma injuries: Identifying priorities based on knowledge
Clarke, David	--	--	X	CIHR	\$849,150.00	2020	2020-2027	Microvascular Pathology as a Therapeutic Target for Epilepsy
Clarke, David	--	--	X	NSHA	\$1,400,000.00	2022	2022-2025	AI Reconstructed Rapid Screening Exams using Synaptive Medical's Novel 0.5-T Point-of-Care Neuro-MR
Clarke, David Mcalean, M	X	--	X	NSHRF	\$96,849.00	2025	2025-2027	Evaluating the impact of time and access to definitive care on the outcomes of major trauma patients in NS.
Weeks, Adrienne	--	--	X	CIHR	\$156,000.00	2024	2024-2026	Precision guided ultrasound ablation of brain tumours: A longitudinal pre-clinical study using a newly developed platform

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
Weeks, Adrienne	--	X	--	Terry Fox Miracle of Hope	\$430,000.00	2024	2024-2027	Investigating serial plasma extracellular vesicles in high grade astrocytoma
Weeks, Adrienne	--	--	X	Terry Fox Miracle of Hope	1,200,000.00	2024	2024-2027	Low grade Glioma Study
Weise, Lutz	X	--	--	NSRF	\$98,885.00	2024	24-27	Combining motor evoked potential (MEP) and Maching learing enhanced intraoperative 3D fluoroscopy (XT) guided deep brain stinulation (DBS) to improve efficiency and patient combort (MIXT-DBS)
TOTAL GRANTS HELD: \$14,388,348.00					\$40,000.00		\$99,999.00	
					\$96,849.00		\$558,452.00	
					\$98,885.00		\$430,000.00	
					\$235,734.00 PI		\$1,088,451.00 Co-PI	

Plastic Surgery

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
Bezuhly, Michael	--	X	--	River Philip Foundation	\$85,000.00	2025	2025-2027	Defining novel mast cell dependent pathways of skin fibrosis resolution
Bezuhly, Michael	--	X	--	New Frontiers in Research Fund- E Grant	\$300,000.00	2024	2024-2027	Novel cell-responsive and instructive polymer coatings to improve implant-based breast reconstruction
Bezuhly, Michael	X	--	--	IWK Project Grant	\$24,970.00	2024	2024-2026	Compound 21, an angiotensin II type 2 receptor, for the prevention of capsular contracture
Bezuhly, Michael	--	X	--	NSCERC Alliance Grant with Mitacs and 3DBioFibR Partner	\$126,206.00	2024	2024-2025	Development and Optimization of Suture materials from recombinant spider silks
Bezuhly, Michael	--	X	--	NSCERC Alliance Grant with Mitacs and 3DBioFibR Partner	\$99,406.00	2024	2024-2025	Development and Optimization of suture materials from recombinant spider silks
Bezuhly, Michael	--	--	X	NSHRF	\$99,990.00	2024	2024-2026	High Content immunophenotyping of fibrotic capsular tissue associated with silicone breast implants through development of a rat.
TOTAL GRANTS HELD: \$735,572.00					\$24,970.00 PI			\$85,000.00 \$300,000.00 \$126,206.00 \$99,406.00 \$610,612.00 Co-PI

Otolaryngology

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
Hong, Paul	X	--	--	NS Healthcare Improvement Research Program	\$60,000.00	2025	2025-2028	Implementing a multi-component decision support intervention for shared decision making in pediatric otolaryngology
Hong, Paul	--	--	X	Research Nova Scotia	7,000,000.00	2025	2025-2029	Etuptumu'k W'loti: Using Mi'Kmaq Knowledge to Create Health and Wellness Solutions
Morris, David	X	--	--	OTICON Medical AB	\$20,000.00	2025	2025-2026	Evaluation of Clinical Outcomes of Ponto Procedures performed in Settings Outside the Mai Operating Room
Morris, David	--	--	X	CIHR	\$313,652.00	2021	2021-2025	Clinical Optical Coherence Tomography of the middle ear
Morris, David	--	--	X	INOVAIT	\$14,220,000.00	2022	2022-2025	Advanced MR Neuroimaging Acquisition and Reconstruction at 0.5T: Product Development and Clinical Validation in use in Image Guidance
Quimby, Alexandra	--	--	X	Menier;'s Society	\$34,994.11	2024	2024-2025	Supplementation of vitamin D termination of recurrent benign paroxysmal positional vertigo (STIP Vertigo)
Taylor, M	--	X	--	DMRF	\$40,000.00	2024	2024-2026	Oral Health in Head and Neck Cancers Survivors

TOTAL AWARDS HELD: **\$14,648,646.11**

\$60,000.00

\$20,000.00

\$40,000.00

\$120,000.00 PI

\$40,000.00 Co-PI

Orthopaedics

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
WONG, Ivan	X	--	--	ConMed	\$504,574.00	2023	23-27	Maximal Repair vs Bridging Reconstructon with BioBrace TM for the treatment of chronic, massive rotator cuff tears: clinica, radiographic, and In-vivo biomechanical analysis
WONG, Ivan	X	--	--	Johnson & Johnson	\$37,118.00	2024	24-26	
WONG, Ivan	X	--	--	American Orthopaedic Society for Sports Medicine (AOSSM) Kirkley Grant (USD)	\$20,000.00	2024	24-26	
WONG, Ivan	X	--	--	ConMED	\$271,700.00	2024	24-26	A prospective, single blind, multi-center randomized controlled, pivotal study to evaluate the safety and effectiveness of the BioBrace implant during Arthroscopic Repair of Full Thickness Rotator Cuff Tears.
WONG, Ivan	--	--	X	Physicians Services Incorporated Foundation (THE (PSI)	\$250,000.00	2023	23-25 2 years	Autogous Matric-Induced Chondrogenesis compared with Microfracture for Focal Arituclar Cartilage Damage of the Hip: A Pilot Randomized Controlled Trial
WONG, Ivan	X	--	--	CIHR	\$414,000.00	2022	22-25 3 years	The Arthroscopic Treament of Recurrent Anterior Should Instability (ATRASI): A pilot multicetnre randomized controlled trail

FACULTY	PI	CO-PI	APP/COL	FUNDING SOURCE	AMOUNT	YEAR AWARDED	TERMS	PROJECT TITLE
WONG, Ivan	X	--	--	International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (CDS)	\$13,461.00	2023	23-25 2 yrs	Effectiveness of remote virtual preceptorship & proctorship for arthroscopic anatomic glenoid reconstruction surgical technique
Dunbar, Michael	--	X	--	Mitacs Accelerate Cluster	\$640,000.00	2025	2025-2029	A collaborative Innovation Research Program on Patient Decision-Making, Technology and Outcomes for Robotic Assisted Knee Arthroplasty
Richardson, Glen	--	X	--					
Leighton, Jennifer	--	--	X					
Wilson, David	--	--	X					
Dunbar, Michael	--	X	--	CIHR - Project Grant	\$661,725.00	2025	2025-2029	Personalization in Knee Arthroplasty: The Role of Integrating Robotics and Advanced Biomchanics
Richardson, Glen	--	--	X					
Leighton, Jennifer	--	--	X					
Wilson, David	--	--	X					
Dunbar, Micheal	X	--	--	Healthcare Excellence Can	\$10,000.00	2025	2025	Enhancing Integrated Care - Reducing CZ Primary Hip and Knee Athroplasty Postoperative Emergency Department Visits
Dunbar, Michael	X	--	--	Stryker	\$300,000.00	2024	2024-2027	Stryker Mako Robotic Arm System Research
Glennie, Andrew	X	--	--	Can Ortho Research Legacy (CORL)	\$20,000.00	2024	2024-2025	RCT Wiltse vs Midline
Dunbar, Michael	X	--	--	QEII Foundation	1,050,000.00	2015	2015-2025	QEII Health Science Centre Foundation - Chair in Arthroplasty Outcomes

TOTAL GRANTS HELD: **\$3,142,578.00**

\$504,574.00

\$37,118.00

\$20,000.00

\$271,700.00

\$10,000.00

\$300,000.00

\$20,000.00

\$1,163,392.00 PI

\$640,000.00

\$661,725.00

\$1,301,725.00 Co-PI

We teach, conduct research, and serve our patients on Mi'kmaw territory, the ancestral and unceded territory of the Mi'kmaq people. The people of the Mi'kmaw Nation have lived on this territory for millennia, and we acknowledge them as the past, present, and future caretakers of this land. We are all Treaty people.

We also recognize that African Nova Scotians are a distinct people whose histories, legacies, and contributions have enriched that part of Mi'kma'ki known as Nova Scotia for over 400 years.



DEPARTMENT OF SURGERY

Dalhousie University, Faculty of Medicine,
Nova Scotia Health, Central Zone

QEII Health Sciences Centre, VG Site 1276 South Park Street, Room 838
Halifax Nova Scotia, B3H 2Y9

www.DalDOS.ca