



OTTAWA ORTHOPAEDICS QUARTERLY

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

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**“The highest tribute to
those we lose is not
grief but gratitude”**

~Thornton Wilder



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

I hope everyone had a great summer and has great energy as we are now back in full swing into the “academic” year. First, I do want to send my personal apologies for the late arrival of this newsletter. I know all of you look forward to these updates. The fall is a busy time and I was a little slow out of the gate.

Since our last communication, we have a lot to be proud of and there continues to be positive changes amongst our group. I want to personally welcome all new residents and fellows and hope your experience in Ottawa will be a great one.

I know everyone is aware of the great loss to our program, the passing of **Professor Hans K. Uthoff**. It is with a very sad heart that we said goodbye to Dr. Uthoff who passed away on July 16, 2022.

I can honestly say that it was clear that “gratitude” was the theme of the recent memorial service held on July 27, 2022 and attended by many from our Orthopaedic family with colleagues travelling in from all over the world. **Dr. Dervin and Dr. Feibel** were asked to speak during the tribute. They both spoke with passion and their words perfectly “encapsulated” the life of Dr. Uthoff and what he meant to all of us.

IN THIS ISSUE:

DIVISION NEWS
PAGE 3

FACULTY NEWS
PAGE 15

**VISITING
PROFESSORS**
PAGE 19

CQI CORNER
PAGE 20

RESEARCH NEWS
PAGE 23

PUBLICATIONS
PAGE 27

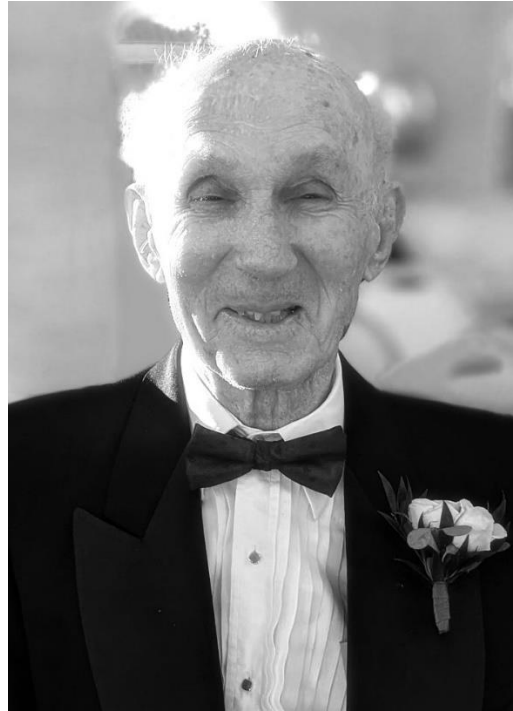
CLINICAL NEWS
PAGE 29

**RESIDENTS
NEWS**
PAGE 30

**FELLOWS'
CORNER**
PAGE 32

ALUMNI NEWS
PAGE 34

IN MEMORIAM



Professor Emeritus Hans-Klaus Uthhoff

1925 - 2022

Dr. Uthhoff was Professor Emeritus of Surgery at the University of Ottawa and was an inspirational leader in our division for many years. He was a founding member of the Canadian Orthopaedic Research Society and its president in 1974, past COA President (1983), Chair of Orthopaedic Surgery (1976-1992), Department of Surgery Chair (1991-1994), founder of the International Society for Fracture Repair, editor of several prominent orthopaedic journals, a prolific researcher (over 200 publications) and a pioneer in Orthopaedic Surgery. Our researchers benefit greatly from the Hans K. Uthhoff Endowment Fund which funds six to eight graduate student research projects in Musculoskeletal science yearly.

Dr. Uthhoff was an exceptional person who cared deeply about his family and friends. He was a true role model. He was passionate about Orthopaedic research and was very proud of the Orthopaedic program he helped build in Ottawa.

Women Physician Leadership Committee Fights Inequality and Supports Female Physicians



"I spent more than 25 years as the only operating female Orthopaedic surgeon in the city. I know what it's like not to feel like part of the group," says **Dr. Kathleen Gartke**, Senior Medical Officer at The Ottawa Hospital.

Individual and systemic biases in health care can prevent qualified women candidates from pursuing, achieving and staying in leadership roles.

To fight this inequality, **Dr. Virginia Roth**, Chief of Staff at The Ottawa Hospital, founded in 2011 the Women Physician Leadership Committee (WPLC), formerly known as the Female Physician Leadership Committee. The committee was established ten years ago and is still going strong.

The WPLC identifies, mentors and trains potential leaders, and recognizes, enables and supports existing leaders. The number of women division heads at the hospital grew from 12 percent in 2010 to 23 percent in 2021, an increase of 92 percent.

The WPLC has spearheaded many initiatives that have led to positive changes at The Ottawa Hospital such as significant bylaw changes, representation at the top, a leave policy for medical staff and amenities for nursing parents.



**" Women
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National Capital Knee Symposium Returns!

This past September 22 and 23, 2022, the Division of Orthopaedic Surgery in collaboration with the University of Ottawa CME department hosted its fifth National Capital Knee Symposium.

It was once again held at the Westin Hotel and was well attended by community and budding Orthopaedic surgeons, physical therapists, sport medicine physicians, Orthopaedic nurses and other allied professionals. We were fortunate to have excellent industry support for the meeting.

Many thanks go to several responsible for a successful meeting including the CME department at the University of Ottawa namely **Cassandra Pretorius** and **Julie Paquette**.

Thanks of course to the organizing committee which also included **Drs. Don Johnson, Michael Pickell, Sasha Carsen, and Taryn Taylor**. Finally, a special thank you to several members in the Division (**Drs. Abdelbary, Feibel, Garceau, Kerrigan, Kim, Liew and Pickell**) who helped provide excellent content for both days of the meeting which was greatly appreciated by those attending.

The format pushed more towards case discussion and we will use the feedback to tailor the next meeting which is being considered for 2024.



Dr. Geoffrey Dervin

ABC Traveling Fellows June 1-4, 2022

We had the pleasure of hosting in June the ABC traveling fellows, **Dr. Joe Baker** from New Zealand, **Dr. Eugene Ek** from Australia, **Drs. Sujith Konan, Daniel Perry, Harvinder Singh, James Tomlinson** from England and **Dr. Sithombo Maqungo** from South Africa. The Exchange Fellowship programs had been on hiatus throughout the pandemic and this was the first tour cycle in two years.



First row from left to right: Dr. Hesham Abdelbary, Dr. Paul Beaulé, Dr. Wade Gofton, ABC Travelling Fellows: Drs. Daniel Perry, James Tomlinson, Joe Baker, Sujith Konan, Eugene Ek, Sithombo Maqungo, Harvinder Singh and Dr. Steven Papp

Orthopaedic Research Society Traveling Fellowship May 11, 2022 Michael D. Harris, PhD, Washington University School of Medicine in St. Louis



Dr. George Grammatopoulos, Andrew Speirs PhD, Michael D. Harris PhD, Gerd Melkus PhD, Dr. Paul Beaulé, Dr. Steven Papp

The Annual Hans K. Uthoff Research Day was held on May 27, 2022 with Visiting Professor, Dr. Krista Goulding, from the Mayo Clinic, Phoenix, Arizona



Dr. Krista Goulding is an Orthopaedic Oncology surgeon specializing in sarcoma and complex adult reconstructive surgery at the Mayo Clinic in Phoenix, Arizona. She grew up in Peterborough, Ontario and completed her undergraduate and medical school education at McMaster University in Hamilton, Ontario. Her Orthopaedic Surgery residency was completed at the University of Ottawa.

Dr. Goulding has completed three fellowships in Orthopaedic Oncology and complex reconstruction at the University of Ottawa with **Dr. Joel Werier**, at the Royal Orthopaedic Hospital in the United Kingdom, and at Mayo Clinic in Arizona.

Dr. Goulding's expertise is in limb preservation surgery using innovative techniques such as 3D printed custom pelvic reconstruction, patient specific implants and joint replacement. She holds a Master of Public Health from Johns Hopkins University, and her research focuses on improving cancer and quality of life outcomes for patients with sarcoma. She is the Orthopaedic Oncology Section Head in the Division of Adult Reconstructive Surgery, and the Department Lead for Diversity Equity and Inclusion.

Our congratulations to all abstract winners!

Resident Papers



First Prize: Dr. Zachary DeVries

"Comparison of Post-operative Clinical Outcomes after Anterior versus Posterior Lumbar Interbody Fusion – A Propensity-matched Analysis"

Second Prize: Dr. Nuno Batista

"The Prevalence of Lumbosacral Transitional Vertebral Anomalies amongst Healthy Volunteers and Patients with Hip Pathology – Association with Spinopelvic Characteristics"



Fellow Paper



Dr. Jeroen Verhaegen

"Spinopelvic Characteristics 'Normalize' 1-year Post-THA – A Prospective, Longitudinal, Case-controlled Study"

*Dr. Karl-André Lalonde, Dr. Krista Goulding,
Dr. Jeroen Verhaegen, Dr. George Grammatopoulos*

Best Poster

Dr. Abdullah AlDuwaisan

"Histologic Analysis of a Prosthetic Joint Infection Hip Rat Model can Differentiate between an Acute and a Chronic Infection"



*Dr. Karl-André Lalonde, Dr. Krista Goulding,
Dr. Abdullah AlDuwaisan, Dr. George Grammatopoulos*

Medical Student Papers



Koorosh Kashanian

"Impact of Anesthetic Technique on Time to Discharge for Same Day Discharge Joints"

Jared Morris

"Periprosthetic Joint Infection following Hip Hemiarthroplasty – Factors Associated with Outcome Clinical Epidemiology Program"

*Dr. Karl-André Lalonde, Jared Morris,
Dr. Krista Goulding, Koorosh Kashanian,
Dr. George Grammatopoulos*

Jacques Robichon Award: Dr. Paul Beaulé



Dr. Karl-André Lalonde, Dr. Paul Beaulé, Dr. Steven Papp

Staff Teaching Award: Dr. Stephen Kingwell



Dr. Karl-André Lalonde, Dr. Stephen Kingwell, Dr. Steven Papp

Resident Teaching Award: Dr. Stephanie Coupal



Dr. Steven Papp, Dr. Stephanie Coupal, Dr. Karl-André Lalonde

Fellow Teaching Award: Dr. Jonathan Bourget-Murray



Let Us Move You Award: Orthopaedic Residents



Merv Letts Award:
Dr. William Hadden



Anatomy Cup:
Dr. Brendan Swift



*Dr. Steven Papp, Dr. Brendan Swift,
Dr. Karl-André Lalonde*

Albatross Award:
Dr. Joel Werier

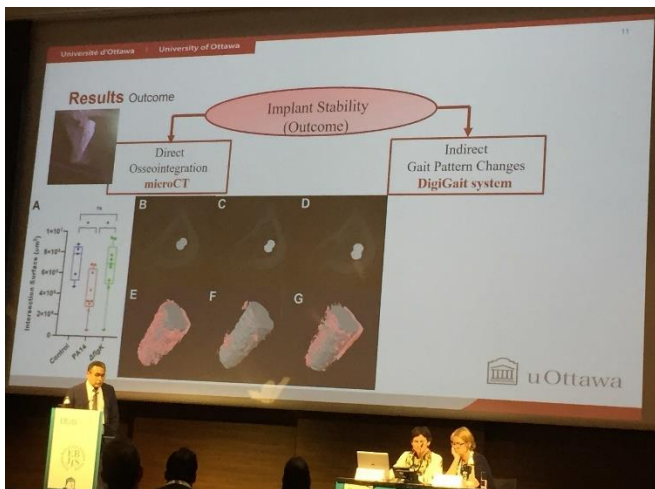


Andry Nicolas Award:
Dr. Marie-Claude Magnan



European Bone and Joint Infection Society (EBJIS 2022) Annual Meeting in Graz, Austria, September 8-10, 2022

Dr. Mazen Ibrahim presented at the EBJIS annual meeting. MSK infectious disease experts from around the world presented their clinical experience with Phage therapy.



OHRI Scientific Retreat May 20, 2022

Drs. Paul Beaulé and Hesham Abdelbary presented at the OHRI Scientific Retreat.

“Understanding and Preventing Osteoarthritis of the Hip” ~ Dr. Beaulé

“Building a Translational Research Program to Improve Care for Implant Associated Infections: Thinking Big” ~ Dr. Abdelbary



Dr. Hesham Abdelbary



Dr. Paul Beaulé

AAOS Annual Meeting March 22-26, 2022

The AAOS meeting was held in Chicago, Illinois and was well attended by our team and alumni.



*Dr. Stephanie Antoniadou, Dr. Andrew Adamczyk, class of 2020, and spouse Evelyn, Dr. Gillian Bailey, class of 2015,
Dr. Lisa Lovse, class of 2019, Dr. John Morellato, class of 2017, Dr. Kelly Hynes, class of 2015, Dr. Allan Liew*



*Articles taken from the Health Matters magazine

Celebrating 10 Years of Total Joint Replacement Surgery at KDH

A decade after the program began, KDH serves the community with a regional orthopaedic surgery program in partnership with The Ottawa Hospital

When orthopaedic surgeon Dr. Geoffrey Derwin completed the first four total knee replacements at KDH on October 17, 2011, the hospital became one of only a handful of small hospitals in North America performing this type of surgery. This was a transformative event for KDH, made possible by an innovative partnership with The Ottawa Hospital (TOH).

The two hospital administrations came together to find a solution to the system wide challenge of lack of operating room capacity at the large hospitals performing Total Joint Replacement (TJR) surgery, and a backlog of patients waiting for new hips and knees.

The idea of a partnership between the large urban teaching hospital and the small-town hospital began to take shape between senior administrative and medical staff. TOH was prepared to bring surgeons, patients and 'wait-time funding' (a federal funding program allocated provincially) to KDH. In turn, KDH would provide the operating rooms, nursing and allied health staff, and inpatient care. As a smaller hospital, KDH would be able to do these repeatable procedures efficiently, reliably and at a low cost.

In true KDH fashion, staff and physicians embraced the challenge of starting up the new program in record time. From idea, to planning, to the first surgeries, it was six intense months, and it took the whole hospital working together to make it happen. From admitting to x-ray, from dietary to environmental services, and from pharmacy to physiotherapy, all staff and departments were impacted and challenged.

To say that KDH staff experienced a sense of joy and accomplishment on the day the first total knee replacements were performed would be a huge understatement!

“
In true KDH fashion, staff and physicians embraced the challenge of starting up the new program in record time.

”

6 HealthMatters SPRING 2022



Dr. Geoffrey Derwin performed the first knee replacement surgeries at KDH on October 17, 2011. Dr. Derwin is currently Chairman and Head, Orthopaedic Surgery, University of Ottawa and The Ottawa Hospital.

Not long after the first knee replacement surgeries, hip replacements were added to the program, with Dr. Joseph O'Neil performing the first hip replacement at KDH on April 20, 2012.

KDH's TJR program and the partnership behind it have been extremely successful. Well over 3,000 knee and hip replacement surgeries have been performed at KDH to date. In addition to the joint recipients themselves, who appreciate the shorter wait time and the patient and family centred care that KDH is known for, the program has been lauded by the United Counties of Leeds and Grenville, who presented the KDH Board of Directors with the 2012 Bill Thake Economic Development Leadership Award, and by the Ontario Hospital Association, who recognized the program as a "Leading Practice for Improving Access to Care" the same year.



New state of the art spinal microscope funded by The Kemptville District Hospital Foundation

Patients suffering from sciatica and other debilitating spinal issues have a new reason to hope and a better chance of getting relief thanks to the Kemptville District Hospital Foundation.

The new state-of-the-art microscope, the Zeiss Tivato 700, provides brilliant optics and depth of field, and improves the safety and quality of spinal procedures, says Dr. Steve Kingwell, an orthopaedic surgeon specializing in spine surgery at KDH.

Dr. Kingwell says the microscope is typically used in procedures for people who suffer from disabling sciatica, and sometimes weakness or numbness in the leg. As a result, a lumbar microdiscectomy or decompression procedure may be required.

"Having this microscope in Kemptville has allowed us to expand and provide spine care to more patients in the region," Dr. Kingwell explained.

Some of the patients that Dr. Kingwell has treated weren't able to work due to the level of pain they were living with – from plumbers to office workers and physicians alike.

Dr. Kingwell has also treated retirees that couldn't conduct regular exercise, as well as parents who faced difficulty trying to play with their children.

"This new tool opens doors for patients of all ages, enabling life-changing surgeries that allow people to return to work, engage in activities, and improve their quality of life," said Dr. Kingwell.

Additionally, the microscope's small footprint in the operating room means it takes up half the space that the previous equipment did.

"As a small community hospital, KDH continues to punch well above our weight," noted Dr. Colin Sentongo, KDH's new Chief of Staff. "It is rare for a hospital our size to have the ability to provide spinal microdiscectomy surgery, as this is usually done at larger tertiary care hospitals. This spinal microscope was an essential tool in recruiting the specialists required to perform these surgeries to Kemptville."



Photo: Kelly Richer

Dr. Alexandra Stratton (l) and Jessica Boyer, RPN, using the Zeiss Tivato 700 microscope.

“

As a small community hospital, KDH continues to punch well above our weight.

”

- Dr. Colin Sentongo, Chief of Staff

The Kemptville District Hospital Foundation provided \$261,000 for the purchase of the microscope.

"Within the region, this type of procedure has been identified as a high-demand surgery relative to the availability of operating rooms," added Tanya Deans, Manager of Clinical Programs at KDH. "The addition of this service allows a new population of patients to experience patient-centred care with a small-town appeal. Patients often leave feeling as though they are truly number one."



On April 21, 2022 the **Hawkesbury and District General Hospital (HGH)** marked the completion of its major redevelopment project with a ribbon-cutting ceremony held in hybrid mode due to the pandemic.

We invite you to view the recording of the ceremony and/or the corporate video to discover the new HGH, the full-service regional hospital, serving Prescott-Russell.

Link to the official opening ceremony of the new HGH:

<https://vimeo.com/701797429/e49c9bcdade>

Link to a video celebrating the end of the redevelopment project:

<https://youtu.be/reP3rcOzNSc>



Dr. Paul Beulé
Chief of Orthopaedic Surgery, HGH



Dr. Baxter Willis Awarded the POSNA Distinguished Achievement Award

The **Pediatric Orthopaedic Society of North America (POSNA)** held its first in-person annual meeting and conference since 2019 in Vancouver, BC, from May 11-14, 2022 and many CHEO staff, fellows, and alumni attended and were involved in what was an incredibly successful and well-attended event.

It was particularly fitting for the meeting to be held on Canadian soil, as the 2022 POSNA Distinguished Achievement Award was bestowed upon our very own **Dr. Baxter Willis**.

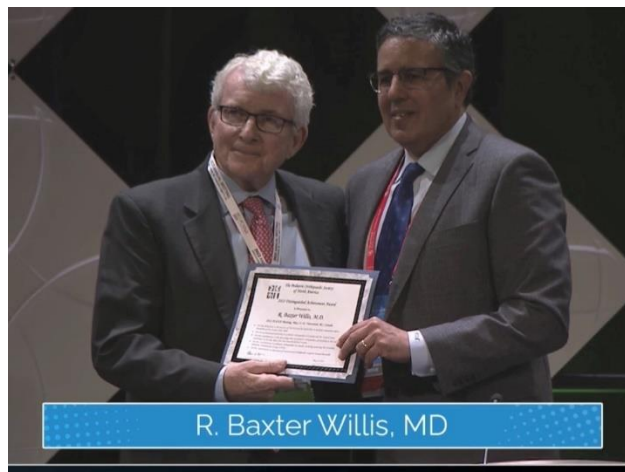
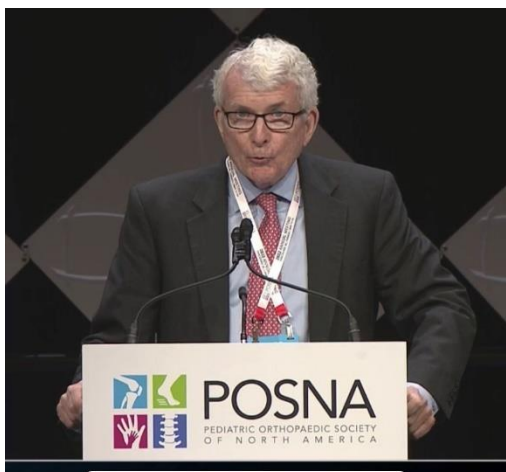
Dr. Willis was introduced by current **POSNA President Dr. Min Kocher** from Boston Children's Hospital, who highlighted his warmth, his approach to the identification and mentorship of young talent, and his enduring influence in North American and global Pediatric Orthopaedic Surgery.

Dr. Willis has touched many patients' and families' lives, and also influenced many orthopaedic careers, through his time developing the Pediatric program in London, Ontario, through his time at LSU and New Orleans Childrens Hospital, and of course here in Ottawa during his tenure as Chief of Surgery at CHEO and still to this day as an important member of the CHEO Orthopaedic Division.

Dr. Willis was the President of POSNA in 2007-2008, has been a visiting professor and guest lecturer at countless sites and courses, and continues to dedicate time to teaching not only Ottawa Orthopaedic residents and fellows, but also to teach at courses around the world. The list of Orthopaedic surgeons, in Canada, the US, and beyond, who can describe the positive influence that Dr. Willis has had on their careers and lives is endless.

The POSNA Distinguished Achievement Award is the highest honour awarded by the organization, and is also used to populate the POSNA "Hall of Fame".

It is wonderful to have Dr. Willis' work and achievements so honoured, and everyone at CHEO and the University of Ottawa Division of Orthopaedics, consider it an honour and pleasure to continue to work with and learn from him.



Our congratulations to the following faculty members on their promotions



Dr. Sasha Carsen MDCM, MBA, FRCSC
Associate Professor of Surgery



Dr. Robert Feibel MD, FRCSC
Professor of Surgery



Dr. Karl-André Lalonde MD, Med, FRCSC
Associate Professor of Surgery



Dr. Hesham Abdelbary MD, MSc, FRCSC

OHRI Associate Scientist



Dr. Paul Beaulé MD, FRCSC

Appointed Secretary-Treasurer for the Medical Staff Association



Dr. Eugene Wai MD, MSc, CIP, FRCSC

Renewal of cross-appointment Department of Surgery to the School of Epidemiology and Public Health at the rank of Associate Professor

ABC Traveling Fellowship August 27-October 1, 2022



Dr. Sasha Carsen MDCM, MBA, FRCSC

Congratulations to Dr. Carsen for being selected as one of the ABC traveling fellows.

The Hip Society Rothman-Ranawat Traveling Fellowship November 10-December 10, 2022



Dr. George Grammatopoulos MBBS, Dphil, Oxon, MRCS, FRCS (Tr & Orth)

Our congratulations to Dr. Grammatopoulos for being selected as one of the Rothman-Ranawat traveling fellows.

Dr. Philippe Phan, Visiting Professor, CHU Sainte-Justine Children's Hospital, September 24, 2022

It brought back wonderful memories for Dr. Phan as he did his Orthopaedic Surgery residency and PhD at CHU Sainte-Justine ten years ago. His presentation was entitled “*Use of Artificial Intelligence in Spinal Cord Injuries, Experience from a Sainte-Justine Alumni*”.



Dr. Philippe Phan, Professor Hubert Labelle, Dr. Marie-Lyne Nault



**Donald D. Johnson Sports Medicine Visiting Professor
Dr. Ivan Wong, Dalhousie University
June 23, 2022**



*First row from left to right: Dr. J Pollock, Visiting Professor Dr. Ivan Wong,
Dr. Don Johnson and Dr. Peter Lapner*

**Garth E. Johnson Trauma Visiting Professor
Dr. Aaron Nauth, University of Toronto
September 15, 2022**



*First row from left to right: Dr. Steven Papp, Dr. Geoffrey Wilkin,
Visiting Professor Dr. Aaron Nauth and Dr. Allan Liew*



High ConEHR fives!

We are excited to announce that under the leadership of **Hunter Grad**, our ConEHR platform is becoming more accessible to surgeons. It is now available as a Citrix application allowing our surgical teams to enter valuable information and engage with our patient reported outcome measures much more readily.

Our ConEHR data collection continues to lead the province in orthopaedic outcome measures and we would like to honour the efforts (and many phone calls) of **Kaitlyn Chambers, Nicki El-Bouchi, Hunter Grad, Kevin Ma** and the **research coordinators**. We could not do it without you!

Are you a hip or knee arthroplasty surgeon who wants to know where YOU stand?

Learn more about your surgical practice by signing up for a new confidential, voluntary report that includes personalized data about your post-operative opioid prescribing for hip and knee replacements, along with suggestions to support you in improving care for your patients. The *MyPractice* Orthopaedic Surgery report is part of Health Quality Ontario's provincial strategy to support quality improvement in surgery.

What's in the report?

- Provincial-level data so you can see your post-operative opioid prescribing patterns for hip and knee replacements in relation to your peers.
- Practical tools and resources to help manage your hip and knee replacement patients' post-surgical acute pain, including advice on the appropriate use of opioids.
- Suggestions alongside your data so you can spend less time looking for solutions that may already exist and more time helping your patients use opioids wisely after surgery.

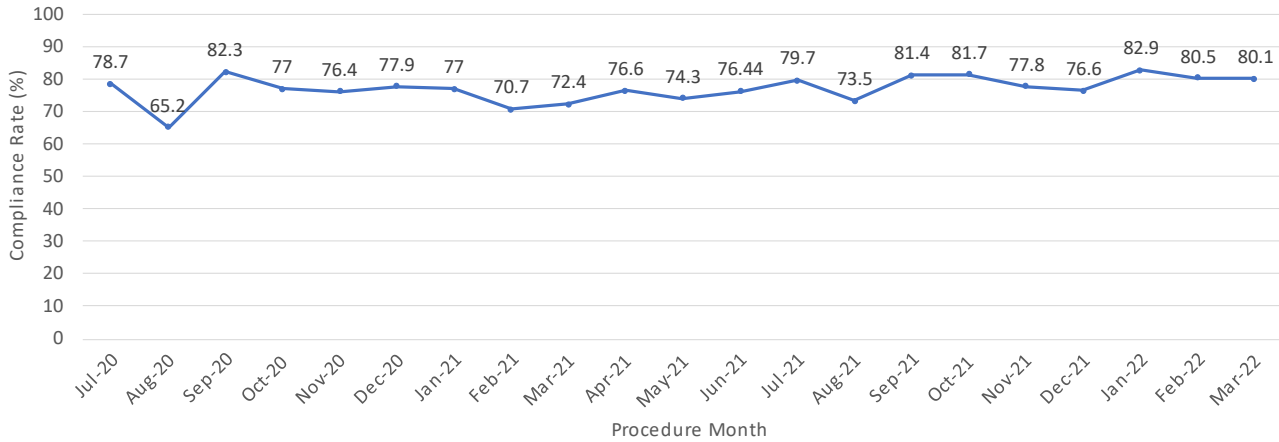
As of February 2022, 132 (or 44%) of approximately 300 eligible orthopaedic surgeons are signed up for a *MyPractice* orthopaedic report.

Sign up today at <https://www.hqontario.ca/quality-improvement/practice-reports/orthopaedic-surgery/consent>.

Compliance Summary - SDCU and Post Op Hip/Knee

Monthly Compliance – SDCU (pre-op)

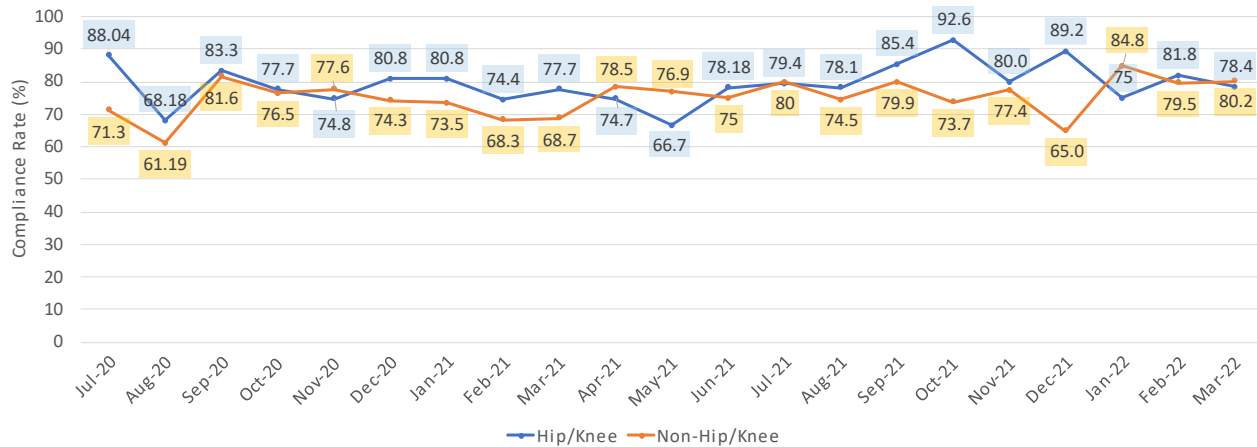
July 2020– March 2022



# of Pts who completed q's	Total # of pts	Overall Compliance (%)
3185	4139	76.95

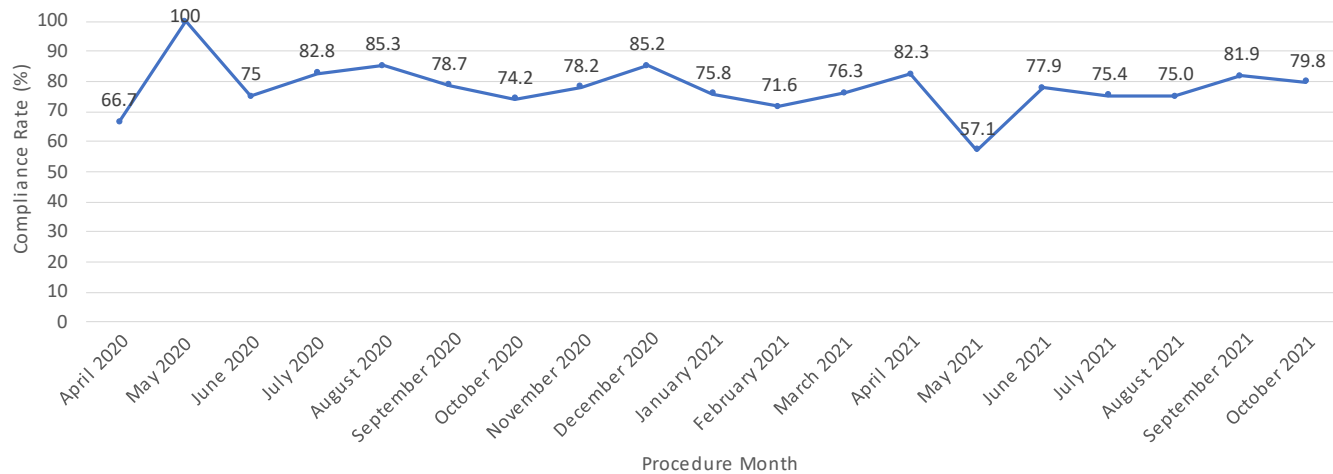
SDCU Monthly Compliance – Hip/Knee vs Non-Hip/Knee

July 2020– March 2022



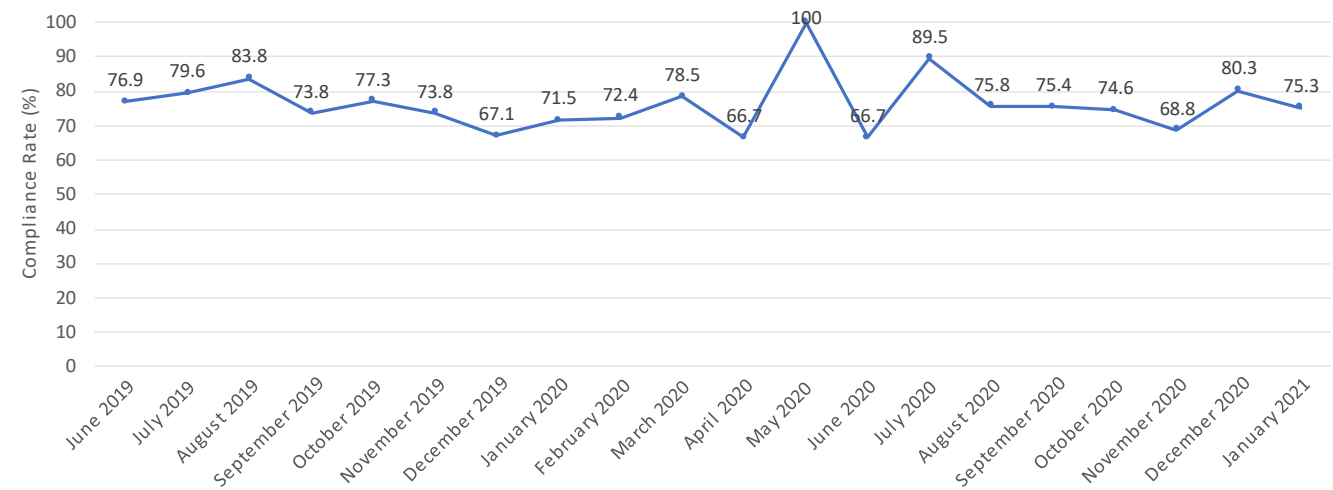
	Hip/Knee	Non-Hip/Knee
Overall Compliance (%)	80.14	74.56

3-Month Hip/Knee Monthly Compliance



Time Period	# of Pts who Completed q's	Total # of Pts	Overall Compliance Rate (%)
April 2020 – October 2021	1327	1695	78.29

1-Year Hip/Knee Monthly Compliance



Time Period	# of Pts who Completed q's	Total # of Pts	Overall Compliance Rate (%)
June 2019 – January 2021	1605	2119	75.74



A Warm Welcome to Kaitlyn Chambers, Clinical Research Program/CQI Program Manager



After completing her Master of Arts in Psychology in 2011, **Kaitlyn** started her career in the Division of Thoracic Surgery at the OHRI. In 2015, she joined the Oncology Clinical Trials program at the Cancer Centre. Kaitlyn joined the Division of Orthopaedic Surgery as Manager of the Research program and Continuous Quality Improvement (CQI) program.

In her spare time, Kaitlyn can be found spending time with her family, playing softball, cooking, and board gaming.

Introducing our New Research Personnel

Nicki El-Bouchi, Clinical Research Assistant (CQI Data Program Assistant)



Nicki is a recent University of Ottawa graduate with an Honours Bachelor of Health Science, specializing in Population and Public Health. She recently completed a year-long research study exploring the experiences of pregnant women obtaining prenatal and postnatal care in Ontario during the COVID-19 pandemic.

This fall, Nicki is beginning her Masters of Science in the field of sexual and reproductive health. She is passionate about improving patient experiences, quality of care, and healthcare accessibility using interdisciplinary research approaches.

Outside of academia, Nicki enjoys many outdoor hobbies including hiking, jet skiing, and fishing. She also loves to travel and just visited Las Vegas in July.

Hoda Ghaziasgar, Clinical Research Assistant



Hoda has completed a Master of Applied Science in Health Science and Technology at ETH Zurich in Switzerland after finishing her Honours Bachelor of Kinesiology and Health Sciences at York University in Toronto.

Hoda is passionate about conducting research in Orthopaedics and was involved in a variety of experimental and data analysis activities during her studies. She is excited to join the Division of Orthopaedic Surgery and is looking forward to contributing to research.

Ariane Parisien, Clinical Research Coordinator



Ariane completed her M.A.Sc Degree in Biomedical Engineering at Carleton University in October 2021. She also obtained her bachelor's degree in science, specialized in Human Kinetics from the University of Ottawa in 2019. Her research was focused on optimizing materials used for 3D printed orthopaedics implants, for better osseointegration. She recently published three journal publications on her findings.

Ariane loves to help improve people's mobility and quality of life. She did an internship with a certified prosthetist and orthotist, where she enjoyed meeting patients to find solutions to improve their physical abilities. She volunteered as a first responder to numerous sports events such as spartan races, K2O and paraplegic national and international sports events. She then supported the uOttawa women's soccer team as a student therapist for two seasons.

Ariane's favorite activity is playing sports. She also likes painting and playing music. She is happy to join the Orthopaedics Research team!

Our congratulations to all grant recipients!

Funding Agency	Principal Investigator	Title	Amount Awarded
AOFAS	Dr. Brad Meulenkamp	Shared-decision Making in Orthopaedic Surgery – Field Testing a Patient Decision Aid for Acute Achilles Tendon Rupture	\$20,044.00
New Frontiers in Research Fund	Dr. Hesham Abdelbary	Driving Innovation to Improve Periprosthetic Joint Infection Care: A Single-Stage Multipurpose Antimicrobial ImplanT (SMART) Design	2022: \$125,000.00 2023: \$125,000.00
Department of Surgery	Dr. Hesham Abdelbary	A Single-surgery Multipurpose Antimicrobial ImplanT (SMART) Design to Treat Periprosthetic Joint Infections	2022: \$60,000.00 2023: \$60,000.00 Year 2
Next Science	Dr. Simon Garceau Dr. Paul Beaulé	Evaluating XPERIENCE™ Advanced Surgical Irrigation on Risk of Periprosthetic Joint Infection: A Multicenter Randomized Controlled Trial	\$2,280,000.00
Department of Surgery Research Program Award	Dr. Steve Papp	Hip Fracture Patient and the Use of Indwelling vs Intermittent Catheterization Pilot Study (PEE Study)	2022: \$60,000.00 2023: \$60,000.00
Stryker	Dr. George Grammatopoulos Dr. Paul Kim	Comparison of DAA vs Lateral Hemiarthroplasty for Femoral Neck Fracture Repair: A Short-term Outcomes Study	\$121,160.00

Funding Agency	Principal Investigator	Title	Amount Awarded
Department of Surgery Wolves Den	Dr. George Grammatopoulos	Intra-articular Adipose Tissue: A Biomarker and Therapeutic Target for Arthritis Hip Joints	\$20,000.00
Microport	Dr. Paul Beaulé Dr. George Grammatopoulos	A Randomized Control Trial Examining Differences in Clinical Outcomes Between Conventional and Transverse/ Bikini Incisions for Total Hip Arthroplasty Using the Anterior Approach	\$140,000.00
Department of Surgery Junior Faculty Research Grant	Dr. Michael Pickell	Thickening of the Zone of Calcified Cartilage Interfacing Articular Cartilage and Subchondral Bone During Osteoarthritis	\$25,000.00
Depuy Synthes	Dr. Allan Liew	Depuy Synthes grant for trauma research	\$40,000.00
Department of Surgery	Daniel Coutu PhD Dr. George Grammatopoulos	Cellular and Molecular Characterization of the Aging and Arthritic Hip's Intraarticular Adipose Tissue	2022: \$60,000.00 2023: \$60,000.00
Zimmer Biomet	Dr. George Grammatopoulos	The Use of Sensors in Monitoring Outcome following Total Hip Arthroplasty	\$60,000.00
Canadian Blood Services Intramural Research Grant Program	Dr. George Grammatopoulos	Canadian Blood Services Intramural Research Grant Program	\$ 276,000.00
Formus Labs	Dr. George Grammatopoulos	Hip Acumen	\$209,000.00
CORL	Daniel Coutu PhD Dr. George Grammatopoulos	Cellular and Molecular Characterization of the Normal and Arthritic Hip's Intraarticular Adipose Tissue	\$19,900.00
CIHR	Dr. Robert Feibel McMaster University	Hip Attack 2 Randomized Control Trial	\$1,980,000.00
PSI Resident Grant	Dr. Stephanie Antoniadis	A Motion Analysis Study of Patients with and without Lumbar Spine Arthrodesis to Unravel the Effect of Spino-pelvic Mobility on THA Outcome in the Amount	\$29,500.00
OTA Resident Research Grant	Dr. Reza Ojaghi	Bacteriophage Therapy in Fracture-related Infection: An Animal Model	\$20,000.00
CIHR	Dr. Paul Beaulé	Cam Type Femoroacetabular Impingement (FAI) is a Cause of Hip Pain in the Young Adult and a Precursor to Osteoarthritis (OA)	\$726,290.00

iM3 CR7 Vet Dental X-Ray Machine with the iM3 Revolution 4DC Generator

The iM3 CR7 digital imaging system (Figure 1) was purchased and installed at the animal core facility of the University of Ottawa. This digital imaging device will be useful to provide live imaging of implants after they are surgically placed in the joint area of rats.

It could also be used for other purposes such as looking at bone fractures, metastases in femurs or spines, fetal bone, just to name a few. The system possesses a very user-friendly machine and software. More importantly, the radiographic images are of high clarity, accuracy and quality (Figure 2). The machine will be ready to be officially in use in the next few months.

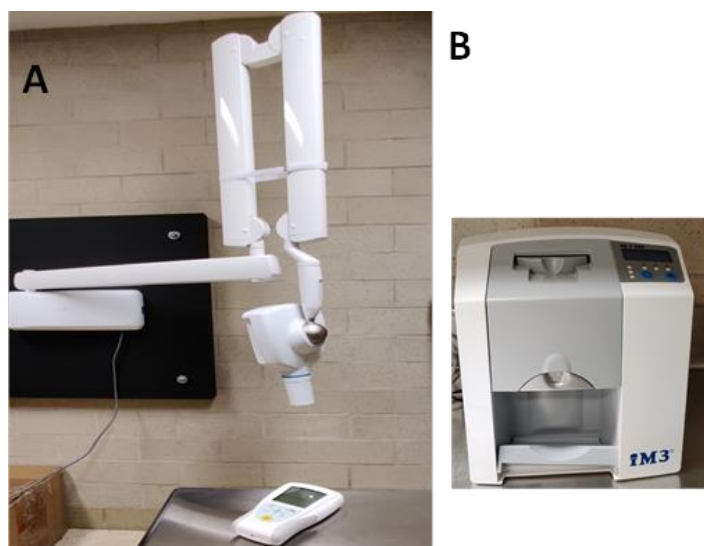


Figure 1: A) Dental X-ray generator (iM3 wall mounted Revolution 4DC Generator).
B) iM3 CR7 Vet Dental imaging system.

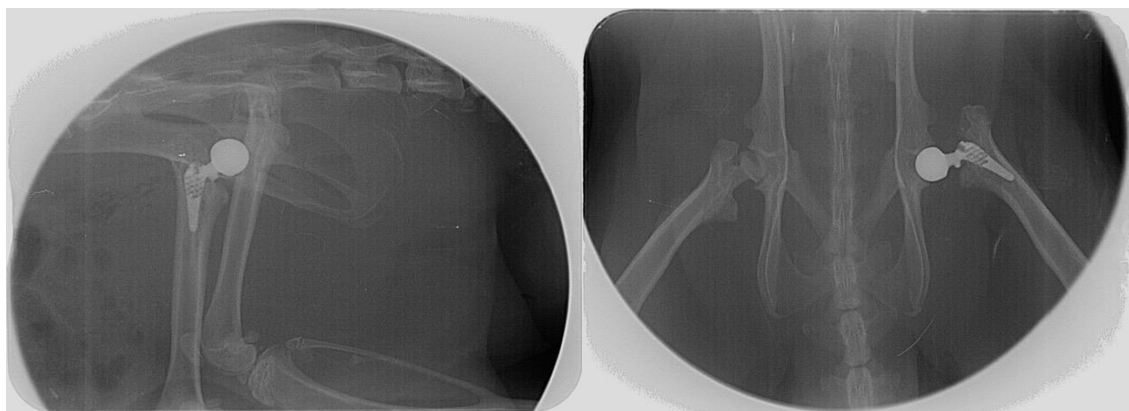


Figure 2: Radiographic images showing the 3D printed titanium implant within the femur of a rat. These images were taken using the CR7 and a Revolution 4DC system.



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National Nursing Week May 9-13, 2022

The Division of Orthopaedic Surgery provided funds to the Orthopaedic 6NE and D7 wards at the General and Civic campuses for the purchase of gift cards to be won by nurses.

The lucky winners on D7 at the Civic Campus were **Sarah Testu, Sarita Khatri Baniya, Lisa Allard, Erin Nichol, Lindsay Schofield, Kyla James** and on 6NE at the General Campus, **Geeta Dhakal, Joe Manu, Mamata Bhandari, Valerie Richer, Adrienne Deveau** and **Jean Eastcott**.

General Campus



Katy Froes has joined Module O as a clerk. She has almost 20 years of experience at The Ottawa Hospital as a clerk. Her most recent experience is unit coordinator (outpatient clerk) for the last 10 years at the Cancer Centre. She is trilingual (English, French and Portuguese) and is a great addition to the team.

Chantal Trudeau from Module P received a Gratitude Award Pin for her exceptional service. Chantal has been with Module P for 11 years.

*"I would like to recognize some people for the help they gave me with surgery on my knee. There is a lady who is an administrator at the General Hospital Plaster Room by the name of Chantal Trudeau. I called her back after being told it would be months to see a surgeon and months to get surgery. I told her I was in an out of really bad pain in my knee (it went out one night for 3 hours before I could get it back in). She was sympathetic and told me she would look into something for me. She along with **Dr. Robert Feibel and Dr. Michael Pickell** got me into a program called the Walking Wounded. I had surgery within 4 days with **Dr. Randa Berdusco** (who did a great job). All seems to be good now. I am now able to get back to rehabbing my back (surgery a year ago) and hopefully on my way back to playing hockey and golf very soon. I cannot tell you how appreciative I am to all involved." ~LF*



Kudos Chantal!



New Chief Residents

Congratulations to our new chiefs, **Dr. Stephanie Antoniadis**, senior chief and **Dr. Zachary DeVries**, junior chief. We would like to thank **Drs. Abdullah AlDuwaisan and Taylor Woolnough** for their hard work representing the team last year.



Dr. Stephanie Antoniadis



Dr. Zachary DeVries

PGY-1 Residents

A warm welcome to our PGY-1 residents who have been hard at work since joining the Ortho Team on July 1, 2022!



Dr. Alexandra Marshall



Dr. Samuel Morgan



Dr. Hamid Nessek



Dr. Blake Power



Dr. Johnathan Sevick

Congratulations to our Graduating Residents!



From left to right: Dr. Steven Papp, Interim Division Chair, Dr. Brendan Swift, Dr. Stephanie Coupal, Dr. Jonathan Howatt, Dr. Paul Gauthier, Dr. Rashed Al-Ahmed, Dr. Karl-André Lalonde, Residency Program Director

2022 Vericel/Lars Peterson Traveling Fellowship

Congratulations to **Dr. Reza Ojaghi** for having been selected for a 2022 Vericel/Lars Peterson Traveling Fellowship! Dr. Ojaghi has distinguished himself among the other applicants based on his scientific contributions and motivation to continue his involvement with ICRS.

ICRS selects three young Orthopaedic surgeons/fellows/senior residents every year to travel centres of excellence in Orthopaedic Surgery in Europe or the United States.



From left to right: Dr. Reza Ojaghi, Dr. Camila Cohen Kaleka, Dr. Roland Jakob and Dr. Martin Husen



Graduation Dinner for Adult Reconstruction Fellows held on July 22, 2022 at Dr. Beaulé's Residence



Left to right: Dr. George Grammatopoulos, Dr. Jonathan Bourget-Murray, Dr. Jeroen Verhaegen, Dr. Paul Beaulé, Dr. Antoine Bureau, Dr. Paul Kim, Dr. Kenneth Milligan, Dr. Wade Gofton and Dr. Simon Garceau

Introducing our fellows...

Dr. Eyad Alakas MBBS, Pediatric Orthopaedic Surgery Fellow



Dr. Alakas obtained his medical degree from Taif University in the southwest region of Saudi Arabia and completed his Orthopaedic Surgery residency at King Faisal Specialist Hospital and Research Center in Jeddah, Saudi Arabia in 2019.

Dr. Alakas is currently doing a Pediatric Orthopaedic Surgery fellowship at CHEO. He will pursue a second fellowship in pediatric spine. He is blessed with a beautiful family. His wife Nura has supported him during this journey. After completing his fellowship, he plans to return to Jeddah to start his practice.

Dr. Jonathan Bourget-Murray MD, FRCSC, Adult Reconstruction Fellow

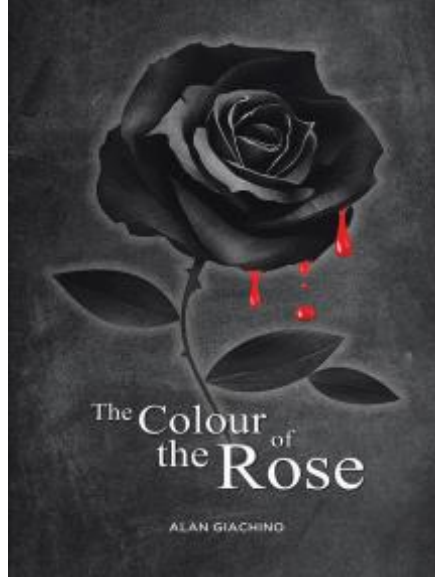
Dr. Bourget-Murray was born and raised in Chandler, “La Gaspésie”, Quebec, a pleasant 12-14 hour drive east from Ottawa. He completed his undergraduate degree and three years of graduate studies in neuroscience at Concordia University before heading to McGill University for medicine. He completed his Orthopaedic Surgery residency in Calgary and completed an Orthopaedic trauma fellowship in Oxford, UK.

Following his two-year adult reconstruction fellowship in Ottawa, he will...to be determined. He has always had a keen interest in fracture-related and periprosthetic joint infections in addition to hip and knee reconstruction.



Outside of medicine, Dr. Bourget-Murray enjoys cooking, travelling, and spending time with his two-year-old and his fiancée. They are very much enjoying their time in Ottawa!

Dr. Alan Giachino MD, FRCSC, Class of 1976, Author of “The Colour of the Rose”



“Murder, conspiracy, an acute-care hospital and human politics interact in a love story that will affect us all. It is a sensitive action story that treasures love, knowledge, and intrigue—love for one’s mate, one’s country, one’s planet, and suggests action necessary for us to consider.”

The book can be purchased on Amazon.



Appointment of **Dr. Darryl Young**, class of 2008, as Chief of the Department of Surgery, Kemptville District Hospital

ALUMNI, PLEASE SEND US YOUR NEWS!