



Queen's
UNIVERSITY

ORTHOPAEDIC SURGERY

Department
of Surgery



We look forward to a bright future, continuing and improving upon our

Overview

The Orthopaedic Surgery postgraduate education program is a five-year orthopaedic surgery specific program that is fully accredited by the Royal College of Physicians and Surgeons of Canada. The first two years of surgical residency are known as Surgical Foundations with Dr. Darrin Payne serving as the Program Director for these PGY 1 and 2 years. Dr. Davide Bardana serves as the Program Director for the Orthopaedic Surgery Home Program.

The Division includes thirteen faculty members in Kingston, fifteen residents, plus clinical fellows. The program is based principally out of Kingston Health Sciences Centre.

The Division of Orthopaedic Surgery covers a broad range of orthopaedic surgical subspecialty disciplines including; Upper Extremity, Sports Medicine, Arthroplasty, Foot & Ankle, Pediatrics, Spine, Oncology and Trauma.

Effective July 1, 2017, residents starting the Queen's orthopaedic surgery residency program will follow the new competence by design (CBD) curriculum. In competence by design, residency has been subdivided into 4 stages: Transition to Discipline (2 blocks), Foundations of Discipline (17 blocks), Core of Discipline (42 blocks), and Transition to Practice (4 blocks).

Rotations

The Surgical Foundations program (PGY 1 and 2 years) includes residents from general surgery, orthopaedic surgery, obstetrics and gynecology, and urology.

It consists of a small group of residents, usually 8-12 per year in total, making for a close working relationship. There are no training residents or Fellows on the cardiovascular surgery, neurosurgery, or plastic surgery services. This allows for direct interaction with staff and an exceptional surgical experience.

In the PGY 1 year Residents will do clinical rotations in vascular surgery, neurosurgery, plastic surgery, emergency medicine, internal medicine, rehabilitation medicine, critical care medicine as well as several rotations in orthopaedic surgery.

In 2017, we also instituted an orthopaedic boot camp for the PGY 2/foundations level residents. This boot camp emphasizes the early acquisition of foundational knowledge and skills necessary for Junior level orthopaedic residents. It emphasizes knowledge of anatomy, surgical exposures, and basic techniques, in order to bring the resident "up to speed" so that they can function as primary assistant.

tradition of high quality patient care, education, and research.

Residents will rotate through each service several times during their residency, with different learning objectives based on their level of training. This structure of repeated longitudinal exposure will allow for graduated responsibility and clear expectations for resident's knowledge, and progression in procedural skills acquisition.

The residents have no clinical duties in the final block before the RCPSC fellowship examination as preparation for the Royal College certifying exam.

The early adoption of competence by design at Queen's has allowed us to review the current curriculum to ensure that residents have clear expectations for knowledge, skills and professional behaviours necessary for success. In addition, it has allowed us to focus on improving our assessment and feedback system to ensure that residents progress through residency as expected.



On-Call Duties

The Orthopaedic Surgery Program at Queen's University adheres to the PARO contract regarding on-call responsibilities.

The majority of orthopaedic rotations during the throughout residency involve home call. On-call responsibilities are a maximum of one in three nights which end at 11 pm. Therefore, residents do not miss out on academic or clinical activities on the following day due to being post-call.

There is a "night float" system for the orthopaedic residents throughout their residency training. This system has met with improved resident satisfaction.

Electives

Residents have two months of self-directed electives which can be taken anywhere in the world. This time may be used as dedicated research time if the resident wishes. Many residents have used this as an opportunity to identify possible sites for fellowship training.

Recently, our residents have arranged electives in Texas, San Diego, Vancouver and New Zealand.

There is also a two month rotation in Peterborough focusing on foot and ankle surgery.







Research

The Division of Orthopaedic Surgery is well known for its research productivity. It has enjoyed a very successful collaborative relationship with the Human Mobility Research Centre at Queen's University, a multidisciplinary research group comprising participants from Orthopaedic Surgery, Mechanical and Materials Engineering, Chemical Engineering, Rehabilitation Therapy and School of Computing.

All residents are expected to conduct research as part of their orthopaedic residency. Residents are expected to present three research projects during their residency at the annual Department of Surgery William Ersil Resident Research Day. Residents have protected research time of half a day per week to allow them to complete their research projects. The Department of Surgery does provide financial support to residents for them to present their research at national and international conferences. Generally, financial support is provided for one meeting for each project.

Our Resident Focus

Our program strives to foster higher learning, professionalism, and independence in a collegial learning environment. Due to the small size of our program, the attending staff has a vested interest in ensuring that you progress in your clinical, surgical and CanMEDS skills to become an independent orthopaedic consultant. As part of our team, our residents enjoy a feeling of belonging in a friendly environment where we take pride in watching their skills and knowledge evolve. We welcome you to join our team.



Medicine

DEPARTMENT OF SURGERY

Division of Orthopaedic Surgery

Victory 3

Kingston General Hospital

Kingston, Ontario K7L 2V7

613-549-6666 ext 3678

meds.queensu.ca/surgery