

McGill Pediatric Urology Academic Fellowship (2 Year)

Length: 2-year academic fellowship

Number of positions: 1 per year (no additional fellow will be accepted until the 2 year period is complete)

Hospital: Montreal Children's Hospital

Faculty: Drs. Roman Jednak, Mohamed El-Sherbiny, Gianpaolo Capolicchio and Alex Brzezinski

Fellowship Director: Dr. Mohamed El-Sherbiny

First Year

Objectives: Upon completion of the fellowship, the fellow is expected to have achieved several learning objectives which will be achieved through exposure to both operative and outpatient pediatric urology. In addition, the fellow will be expected to actively participate in hospital based activities including Surgical Teaching Rounds, Trauma Rounds, Morbidity and Mortality conferences, Tumor Board, and combined Nephrology/Urology and Urology Resident teaching sessions when applicable. Specific learning objectives include:

- Proficiency in common urologic surgery of the genitourinary tract in children.
- Exposure to more complex surgical procedures in children with exstrophy complex, genital ambiguity, and neurogenic bladder dysfunction.
- Development of basic skills for pediatric laparoscopic procedures.
- Evaluation and non-surgical management of common clinical urological problems including urinary tract infections, hydronephrosis, vesicoureteral reflux, and dysfunctional voiding.
- Evaluation and medical management of the patient with neurogenic bladder (eg. spina bifida).
- Evaluation and surgical management of the patient with urologic trauma or acute scrotal problems.
- Interpretation and clinical application of urodynamic investigations.
- Post-operative care of the patient undergoing urologic surgery.
- Development of consultant skills for in-hospital patients.
- Familiarity with the indications for an interpretation of radiologic investigations.
- Development and appreciation for a multidisciplinary team approach to the evaluation and care of patients with neurogenic bladder, genitourinary malignancies, nephrologic conditions and ambiguous genitalia.
- Pre-operative urologic evaluation of the renal transplant patient.

Clinical and Teaching Responsibilities: Fellows are responsible for attending all urology clinics (General Pediatric Urology, Spina Bifida, Voiding Dysfunction). They will participate actively in all aspects of the in-patient clinical service including ward rounds, the consult service for both wards and the emergency room, and on-call duty. They are expected to actively participate in the care and preparation of patients

pre- and post-operatively. Surgical procedures will be divided with the intention of meeting resident training objectives. The Royal College objectives of training in Urology (Version 1.2 (2009), Editorial revision 2014) will be adhered to with respect to index surgical cases. All category A cases will be given resident priority according to level of training (PGY 2 or PGY 5). The rotation typically has a PGY 2 resident on service. PGY 5 residents may rotate in Pediatric Urology on occasion. With respect to category B cases specifically bladder augmentation, the operative experience will be shared with allocation of specific parts of the procedure according to complexity. Laparoscopic pyeloplasty in children above the age of 10 will be given CHIEF (R5) resident priority. Laparoscopic pyeloplasty in children below 10 will be given fellow priority. All laparoscopic pyeloplasties performed on adults at the adult sites by MCH staff will be allocated to the CHIEF (R5) residents on rotation at the MCH at the time. The remaining category B cases will be given fellow priority. Hypospadias will be a dedicated fellow case.

Second Year

The 2-year academic fellowship provides the fellow prolonged clinical exposure in keeping with the basic clinical and teaching objectives as indicated for the 1-year fellowship with the addition of a clinical research component in the second year of training.

Clinical Objectives: The learning objectives as indicated for the 1-year fellowship are maintained in the second year of training. In addition, the fellow has the option for elective exposure in associated disciplines depending on their areas of interest. Elective opportunities include but are not limited to Nephrology, Renal Transplant, Adult Stone Surgery, and Functional Urology.

Academic Objectives: The fellow will pursue a clinical research study over the course of the second year with the requirement to prepare and submit 2 abstracts or 1 manuscript for publication.

Fellow Evaluation

Clinical Evaluation and Feedback: Fellows will be evaluated at regular quarterly intervals on their clinical performance and progress. A formal written evaluation will be completed using the CanMEDS roles scheme. Clinical evaluations will also be informally provided by the attending physicians during daily clinical encounters. The fellow will meet with the fellowship supervisor for direct feedback quarterly in conjunction with formal written evaluations. Satisfactory performance will be required to continue on to the second year of the fellowship.

Research Evaluation and Feedback: Research evaluations and feedback will be provided by the research supervisor(s) in the form of a 1 hour-one-on-one session at least once monthly. Here the fellow will be expected to present research progress and results, as well as discuss problems and future directions.

Eligibility: Candidates for the fellowship must be graduates of a recognized Medical School and must have completed their urology residency at a recognized University. Candidates need to be fluent in English and/or French.

Funding: For information regarding salary, amount and acceptable sources of funding please visit the link at <https://www.mcgill.ca/pgme/>