

Elective: Pediatrics; Nephrology

OVERVIEW

Medical students will be exposed to both inpatient and outpatient experiences during a pediatric nephrology elective. The outpatient aspects include attendance at 5 general pediatric nephrology clinic, 1 transplant clinics, 1 chronic kidney disease/peritoneal dialysis clinic per week. In addition to possible attendance at cystinosis, type 2 diabetes, renal rheumatology and cardiac transplant combined clinics. Students may also have exposure to the performance and interpretation of renal biopsies. The inpatient service includes new consultations on all pediatric and neonatal units. Consultations are for fluid and electrolyte imbalances, acute kidney injury, proteinuria, hematuria, hypertension and congenital anomalies.

INTRODUCTION

Location(s):

Health Science Centre
Children's Hospital

Availability:

- This elective does not typically accept students over the summer months or during the Christmas holidays
- What is the ideal length of time for the elective – minimum 2 weeks, 4 weeks is preferred

Contact Person:

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LEARNING OBJECTIVES (CanMEDS)

- Participate in the care of patients admitted to inpatient wards for General Pediatrics, Pediatric sub-specialty services, Pediatric surgical specialties, and Neonatology, as well as the Emergency department and outpatient clinics that are consulted to Pediatric Nephrology.
- Obtain a detailed history focusing on issues that pertain to renal symptoms of hypertension, hematuria, proteinuria, congenital anomalies
- Perform a detailed physical examination focusing on issues pertinent to volume status.
- Plan an approach to the differential diagnosis, investigation and management of the patient with a renal disease.
- Participate on our many multidisciplinary teams

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Medical Expert

As Medical Experts, physicians integrate all of the CanMEDS Roles, applying medical knowledge, clinical skills and professional attitudes in their provision of patient-centered care.

The student can expect to be actively involved in the service.

Communicator

Physicians effectively facilitate the doctor-patient relationship and the dynamic exchanges that occur before, during, and after the medical encounter.

As Communicators, students will facilitate the doctor-patient relationship.

Collaborator

Physicians effectively work within a healthcare team to achieve optimal patient care.

As Collaborators, students will work effectively within the surgical team to achieve optimal patient care.

Leader

Physicians engage with others to contribute to a vision of a high-quality health care system and take responsibility for the delivery of excellent patient care through their activities as clinicians, administrators, scholars, or teachers.

As Leaders, students will participate in the activities of the surgical service, making decisions, allocating resources, and contributing to the effectiveness of the health care team.

Health Advocate

Physicians responsibly use their expertise and influence to advance the health and well-being of individual patients, communities and populations.

As Health Advocates, students will responsibly use their expertise and influence to advance the health and well-being of individual patients, communities and populations.

Scholar

Physicians demonstrate a lifelong commitment to reflective learning, as well as the creation, dissemination, application and translation of medical knowledge.

As Scholars, students will demonstrate a lifelong commitment to learning.

Professional

As Professionals, physicians are committed to the health and well-being of individuals and society through ethical practice, profession-led regulation, and high personal standards of behaviour.

As Professionals, students are committed to health and well-being of individuals through ethical practice, profession-led regulation and high personal standards of behavior.

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INFORMATION

These are locations, readings, evaluations, call responsibilities, etc.

Call Responsibilities

No call responsibility – although could be involved if interested

WARD ACTIVITIES

These are examples of schedules, expectations, rotation details, etc. All the details below are subject to change.

Expectations

- Achieve a level of confidence in the clinical approach to common pediatric problems including hematuria, hypertension, proteinuria, fluid and electrolyte abnormalities, acute kidney injury and congenital renal disease
- Students will have up to 6 formal teaching sessions on common pediatric nephrological topics and will be expected to present at our academic rounds to section members.
- They will also be expected to have access to and use the HSC Accuro and will be generating letters on patients through this system on patients they have seen in clinics.