

WESTERN UNIVERSITY  
NEPHROLOGY ROTATION OBJECTIVES  
PAEDIATRIC NEPHROLOGY SELECTIVE - VICTORIA HOSPITAL

**Created:** August 1, 2023

**Reviewed by Residency Program Committee:** September 24, 2025

**Next review date:** September 2027

**PREAMBLE:** This rotation is designed to ensure that the Nephrology Trainee develops expertise in the management of renal disease in paediatric patients.

- The Paediatric rotation will be at Victoria Hospital. The Trainee is expected to attend **ALL** scheduled clinics during the week. The morning clinics may be scheduled from 0800 hours to 11:30 hours and the afternoon clinics are scheduled from 1300 hours to 1700 hours. The schedule will be provided by the Department of Paediatrics.
- All clinics are conducted under the supervision of a staff Nephrologist. Most clinics deal with paediatric patients with renal dysfunction.
- The Trainee is expected to dictate notes on all patients seen in the clinic within 24-hours of seeing the patients, and to follow-up on any laboratory or imaging tests ordered during the clinic.
- The Trainee is expected to attend any scheduled teaching opportunities provided by the Department of Paediatrics.
- The Nephrology Trainee may be required to participate in the Nephrology Resident Call schedule (home call), as per PARO guidelines.

**ROTATION FREQUENCY:**

- 1) Trainees are able to select up to 4 months of elective/selective time in their second year (PGY5) and have the opportunity to choose this elective to further enhance their learning.

**EVALUATION:**

- 1) ITER completion on One45 or sent via email by the program administrator to the preceptor of the elective.
- 2) EPA completion through ELENTRA

**EDUCATIONAL RESOURCES AVAILABLE:**

- 1) Library facility.
- 2) Online educational material.

**Achievable Entrustable Professional Activities**

The following EPAs have been identified as being achievable during this training experience:

**Transition to Discipline**

- EPA 1: Assessing patients with known kidney disease, identifying the unique concerns seen in Nephrology patients
- EPA 2: Recognizing Nephrology-specific emergencies/urgencies, demonstrating insight as to own limits and knowing when to seek appropriate help

### Foundations

- EPA 1: Assessing and providing an initial management plan for patients with AKI
- EPA 2: Assessing and providing an initial plan for investigation and management for patients with CKD
- EPA 3: Assessing and providing an initial plan for investigation and management for patients with hematuria and/or proteinuria

### Core

- EPA 1: Establishing a comprehensive treatment plan for patients with AKI
- EPA 2: Ordering and adjusting prescriptions for patients with AKI and other acute/urgent indications for extracorporeal therapy
- EPA 3: Assessing and treating patients with difficult to control or suspected secondary hypertension
- EPA 4: Assessing and providing an initial investigation and management plan for patients with complex fluid and electrolyte abnormalities
- EPA 9: Monitoring patients receiving immune modulating therapy and managing complications
- EPA 10: Monitoring and providing medical management for patients with stable renal disease
- EPA #11A: Providing comprehensive care for patients with progressive kidney dysfunction
- EPA 16: Supporting vulnerable patients to improve their health literacy and engage them to become partners in their care
- EPA 19: Working with the interprofessional team to coordinate the care of patients with renal disease

Over the course of the Adult Nephrology Training Program at Western University, trainees will cover the competencies and objectives outlined in the Royal College Nephrology Competencies found [here](#). In this rotation, the following competencies will be emphasized:

### MEDICAL EXPERT (the integrating role):

- 1) Possesses the basic scientific knowledge relevant to Pediatric Nephrology.
- 2) Possesses the clinical knowledge relevant to Pediatric Nephrology.
- 3) History and physical examinations are performed expertly in order to maximize comfort of the paediatric patient.
- 4) Gathers and uses all of the pertinent information to arrive at complete and accurate clinical decisions.
- 5) Recognizes and manages emergency conditions in the pediatric population.
- 6) Demonstrates knowledge of the indications for and risks of peritoneal dialysis and hemodialysis catheters.
- 7) Demonstrates knowledge of the indications and risks of renal biopsy
- 8) Demonstrates proficiency in the management of a pediatric patient with acute renal failure.
- 9) Proficiently interprets the results of renal biopsies.
- 10) Performs and interprets urinalysis with proficiency.
- 11) Proficiently obtains central venous access and peritoneal dialysis catheter placement with minimal patient risk and discomfort.

**COMMUNICATOR:**

- 1) Establishes a therapeutic relationship with the paediatric patient and communicates well with family. Provides clear and thorough explanations of diagnosis, investigation, and management.
- 2) Establishes good relationships with peers and other health professionals. Effectively provides and receives information.
- 3) Prepares documentation that is accurate and timely.
- 4) Discusses problems related to the initiation and withdrawal of dialysis and the management of death from renal failure in an effective and ethical fashion.

**COLLABORATOR:**

- 1) Interacts effectively with other health professionals by recognizing and acknowledging their roles and expertise.
- 2) Consults and delegates effectively and appropriately.
- 3) Collaborates effectively and constructively with other members of the health care team.

**LEADER:**

- 1) Understands and makes effective use of information technology, such as methods for searching medical databases.
- 2) Makes cost effective use of health care resources based on sound judgement.
- 3) Sets realistic priorities and uses time effectively in order to optimize professional performance.
- 4) Establishes a team-based approach to the care of the pediatric patient by working with nursing, pharmacy, physicians, and other members of the health care team.

**HEALTH ADVOCATE:**

- 1) Identifies the social, economic, and biologic factors that may impact on the individual patient's health.
- 2) Identifies the social, economic, and biologic factors that may impact on the health care of groups of patients with renal disease.
- 3) Responds appropriately in advocacy situations.

**SCHOLAR:**

- 1) Demonstrates an understanding and a commitment to the need for continuous learning. Develops and implements an ongoing and effective personal learning strategy.
- 2) Critically appraises medical information. Successfully integrates information from a variety of sources.
- 3) Helps others learn by providing guidance, teaching and by giving constructive feedback.
- 4) Demonstrates the skill of contributing to the development of new knowledge by the performance of case reports, original scientific research, or participation in the performance of CQI (continuous quality improvement).

**PROFESSIONAL:**

- 1) Demonstrates integrity, honesty, compassion, and respect for diversity.
- 2) Understand the medical, legal, and professional obligations of the specialist.
- 3) Meets deadlines, is punctual, monitors patients and provides follow up.
- 4) Understands the principals of ethics and applies these in clinical situations.
- 5) Demonstrates an awareness of own limitations, seeking advice when necessary. Accepts advice graciously.