



Pediatrics – Critical Care (ICU)			
Contact Information			
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Site			
Montreal Children's Hospital			
Elective Description			
<p>You will gain exposure to the recognition and preliminary management of critical illness in infants and children. We anticipate that you will learn to think physiologically, apply rational principles of management and appreciate common problems in critical care pediatrics.</p> <p>The Pediatric Intensive Care Unit (PICU) of the Montreal Children’s Hospital provides state-of-the art care within an interdisciplinary team approach for critically ill or injured neonates, children and adolescents. Our services include caring for children with life-threatening infections, children who have undergone complex congenital heart surgery repair, cranio-facial and complex orthopedic surgery as well as level 1 trauma patients. We also provide renal replacement therapy and extracorporeal membrane oxygenation (ECMO) support.</p>			
Elective Duration			
3 or 4 weeks			
Educational Objectives			
Medical Expert			
<ul style="list-style-type: none"> – Function effectively as consultants, integrating all of the CanMEDS Roles to provide optimal, ethical and patient-centered medical care – Perform a complete and appropriate assessment of a patient – Use preventive and therapeutic interventions effectively – Demonstrate proficient and appropriate use of diagnostic and therapeutic skills 			



Communicator

- Develop rapport, trust, and ethical therapeutic relationships with patients / families
- Accurately and respectfully elicit and synthesize relevant information and perspectives of patients, families, and other professionals in the PICU
- Convey relevant information and explanations accurately to patients and families
- Develop a shared plan of care with patients, families and colleagues

Collaborator

- Participate effectively and appropriately in an inter-professional health care team
- Work effectively with other health professionals to prevent, negotiate, and resolve inter-professional conflict

Manager

- Allocate finite health care resources wisely
- Contribute to effectiveness of a health care organization
- Manage one's practice and career effectively

Health Advocate

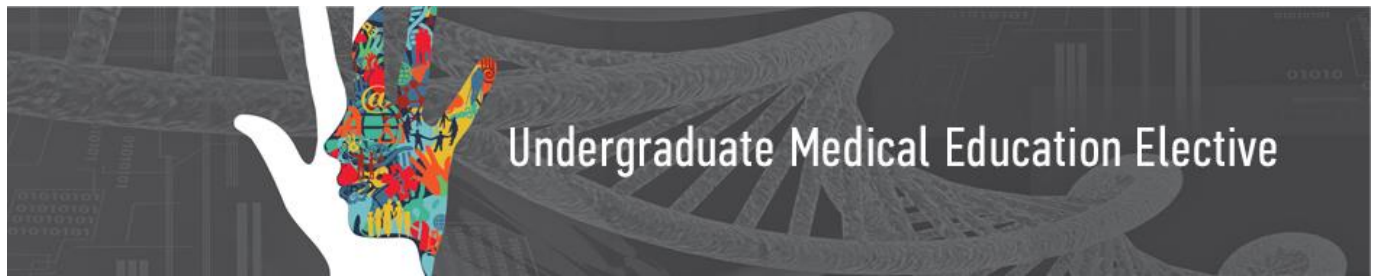
- Respond to individual patient health needs and issues as part of patient care
- Identify the important determinants of health affecting PICU patients
- Promote the health of individual patients, families, communities, and population
- Recognize and respond to those issues where advocacy is appropriate

Scholar

- Develop, implement and monitor a personal continuing education strategy
- Critically appraise sources of medical information
- Facilitate learning of patients, house staff/students and other health professionals
- Contribute to development, dissemination and/or translation of new knowledge

Professional

- Exhibit appropriate personal and interpersonal professional behaviours
- Demonstrate a commitment to patients, profession, and society through ethical practice
- Demonstrate a commitment to physician health and sustainable practice



Prerequisites

Core pediatric rotation

Scope of Work

Medical student will co-follow 2-3 patients in PICU/ACU along with resident and fellow. They will be expected to round with the PICU team, carry out medical plan with support from residents, fellows and staff and complete written documentation for their patients. Medical student is expected to attend bedside and small group teaching.

Recommended Reading/Preparation

Read: Respiratory and cardiovascular physiology.



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