

Elective: Pediatrics; Intensive Care

OVERVIEW

The PICU is an 8 bed unit serving Manitoba, Northwest Ontario and Kivalliq Region of Nunavut. Patients are admitted under the care of the Pediatric Intensivist and are managed by a multi-disciplinary team. Close collaboration with the Consultant Services is also part of delivering high quality care. Approximately 40% of the admissions are surgical in nature, including post-operative care, trauma and burns.

Rounds are conducted in a multi-disciplinary fashion. Medical students will have the opportunity to manage patients under the direction of the senior resident and Attending . Comprehensive knowledge of the patient and a proactive approach is encouraged. Opportunities for performing procedures will vary with the patient population. The emphasis is placed on the recognition and stabilization of acute organ system dysfunction.

INTRODUCTION

Location(s):

Health Science Centre

Preceptors:

The PICU Attendings will all function as preceptors. The Medical Student should expect to interact with several PICU Attendings as preceptors during their rotation. Currently, the PICU Attendings are:

Dr. Murray Kesselman
Dr. Stasa Veroukis
Dr. Jeff Burzinski
Dr. Greg Hansen

Contact Person:

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LEARNING OBJECTIVES (CanMEDS)

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. This will encompass:

- Recognize and know how to stabilize coma, shock and respiratory failure
- Demonstrate bag mask ventilation and airway opening techniques.

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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:

- Be able to present a succinct and relevant patient history and assessment during daily rounds.
- Effectively communicate with Consultants .
- Explain relevant information to patient families.

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:

- Works with multi-disciplinary team members to achieve patient care goals in an effective and respectful manner.

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:

- Organizes patient information and critically evaluates the need for tests and procedures.
- Helps to facilitate timely patient flow through prompt attention to transfer procedures.

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:

- Represents the needs of families and patients to the PICU healthcare team.

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:

- Demonstrates the ability to seek out and review relevant literature related to care of their PICU patients or related to a topic of discussion.

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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:

- Is prompt, courteous and collegial.
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INFORMATION

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

Required Reading

1. PICU Resident Orientation Manual.
2. Rogers Handbook of Pediatric Intensive Care.

Teaching Unit

Evaluations

It is expected that the student will seek out an exit interview prior to the completion of their rotation.

If the student has specific objectives they would like to achieve during the rotation, these can be discussed with the PICU Attending.

Call Responsibilities

Students are not expected to take call while on PICU but are free to arrange with the on-call resident, to spend part or all of the evening in the PICU.

WARD ACTIVITIES

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

Service Rounds

Rounds are held daily in the PICU at 09:00 hours. Residents and students are expected to have reviewed and examined their patients prior to rounds. Students are encouraged to attend Pediatric Grand Rounds and Pediatric Academic Half day.