



## Urology Residency Program – Rotation Plan

### Junior Trauma Rotation - Foundations

<b>CBD STAGE:</b>	Foundations
<b>LENGTH OF ROTATION:</b>	Two 4-week blocks
<b>ROTATION OFFERED AT:</b>	Thunder Bay

#### FOCUS OF THIS ROTATION

The goal of this rotation is to provide the residents with experience and expertise in the assessment and management of minor or major trauma patient in the emergency department. In addition, residents will participate in the surgical treatment of the multiple injured patients by attending the surgery for any traumatized patient admitted during the on-call period, under the supervision of the on-call urologist.

#### EPAS FOR THIS ROTATION

The EPAS that should be prioritized in this rotation are those highlighted in **green**.

EPA Number	EPA Description
<b>Surgical Foundations</b>	
TTD 3	Documenting clinical encounters
TTD 4	Demonstrating handover technique
TTD 5	Demonstrating ability to function in the operating room
<b>TTD 6</b>	<b>Suturing incisions</b>
<b>TTD 7</b>	<b>Managing tubes, drains and central lines</b>
<b>F 1</b>	<b>Providing initial management for critically ill patients</b>
F 2	Inserting central venous lines
<b>F 3</b>	<b>Providing initial management for trauma patients</b>
F 4	Providing risk assessment and management for preoperative patients in preparation for surgery
F 5	Providing patient education and informed consent in preparation for surgical care

F 6	Participating in surgical procedures
F 7	Managing patients with an uncomplicated post-operative course
F 8	Managing post-operative patients with complications
F 9	Supervising junior learners in the clinical setting

### EPA Objectives

The following are the objectives resident will be assessed on through the EPAs. These outline the expectations regarding the level of competence residents are required to demonstrate to achieve their EPAs, at this stage of training.

Note that the objectives in green font should be prioritized in this rotation.

CanMEDS ROLES LEGEND	
ME	Medical expert
COM	Communicator
COL	Collaborator
HA	Health Advocate
P	Professional
S	Scholar
L	Leader

### Surgical Foundations

#### TTD3

ME 2.2 Synthesize and interpret information from the clinical assessment

COM 5.1 Organize information in appropriate sections within the medical record

COM 5.1 Provide a clear plan for ongoing management

P 1.1 Complete assigned responsibilities in a timely fashion

#### TTD4

ME 5.2 Use structured handover tools and strategies to enhance patient safety

ME 2.1 Identify patients at risk for sudden deterioration in clinical status

COL 3.2 Summarize and prioritize patient issues providing rationale for key decisions

COL 3.2 Communicate plans for ongoing management of patients, such as outstanding investigations and anticipated events or outcomes

COL 3.2 Answer questions from the receiving physician(s) during transitions in care, clarifying issues as needed

#### TTD5

ME 3.4 Demonstrate effective procedure preparation, including the use of a pre-procedure time-out or surgical safety checklist as appropriate

ME 3.4 Hand-cleanse, gown and glove

ME 3.4 Establish and maintain a sterile field

ME 3.4 Maintain universal precautions

COL 1.2 Demonstrate knowledge of the roles and responsibilities of all participants in the operating room

#### TTD6

ME 3.4 Maintain sterile technique

ME 3.4 Obtain appropriate assistance

ME 3.4 Select and use suture materials

ME 3.4 Use surgical instruments and equipment correctly and in a fluid manner

ME 3.4 Assess the quality of the closure

#### TTD7

ME 1.3 Apply knowledge of the different tubes, drains and lines used in the care of the surgical patient, the indications for their use and the risks associated with them

ME 3.3 Determine the urgency with which various problems with in-situ tubes, drains and lines require intervention

ME 3.4 Troubleshoot tubes and drains including insertion, unblocking, repositioning, removal or replacement

#### FOUNDATIONS 1

ME 1.4 Perform the clinical assessment in a time-effective manner

ME 1.4 Recognize urgent problems that may need the involvement of more experienced colleagues and seek their assistance

ME 2.2 Develop a specific differential diagnosis relevant to the patient's presentation

ME 2.2 Interpret common and simple investigational modalities

ME 2.4 Develop and implement initial management plans for common problems in surgical practice

ME 3.3 Consider urgency and potential for deterioration, in advocating for the timely execution of a procedure or therapy

COM 5.1 Document the clinical encounter to adequately convey clinical reasoning and the rationale for decisions

ME 4.1 Identify the need for and timing of consultation with another physician or health care professional

#### FOUNDATIONS 2

ME 3.1 Determine the appropriate site for line insertion

ME 3.4 Set up, position and drape the patient for the procedure

ME 3.4 Prepare and cleanse the procedural site

ME 3.4 Maintain universal precautions

ME 3.4 Perform the insertion of a central venous line, using ultrasound guidance as appropriate

### FOUNDATIONS 3

ME 1.4 Perform the clinical assessment in a timely manner

ME 1.4 Recognize urgent problems that may need the involvement of more experienced colleagues and seek their assistance

ME 2.1 Iteratively establish priorities as the patient's situation evolves

ME 3.3 Consider urgency and potential for deterioration, in advocating for the timely execution of a procedure or therapy

ME 4.1 Establish plans for ongoing care, taking into account the patient's clinical state as well as available resources

ME 4.1 Implement management to stabilize the patient prior to additional testing or transfer

COL 1.1 Receive and appropriately respond to input from other health care professionals

### FOUNDATIONS 4

ME 1.4 Perform a focused clinical assessment that addresses all relevant issues

ME 2.2 Select and/or interpret appropriate investigations and/or imaging with sufficient attention to clinical details

ME 2.4 Develop and implement plans for preoperative optimization of patients

ME 5.2 Use preoperative care pathways, as appropriate

ME 2.4 Use appropriate prophylaxis

ME 3.3 Consider urgency and potential for deterioration, in advocating for the timely execution of a procedure or therapy

COL 1.2 Collaborate with other health care providers and all involved parties in booking the case including ICU, step down unit, or OR

HA 1.3 Identify modifiable risk factors and promote health and wellness

HA 1.3 Anticipate and advocate for the perioperative needs of patients belonging to vulnerable and marginalized populations

### FOUNDATIONS 5

ME 3.2 Describe a proposed surgical care plan to the patient/family, including its risks, expected outcomes and alternative treatments

COM 3.1 Convey information about the post-operative care and issues, immediate and long-term, clearly and accurately

P 1.1 Disclose the role of surgical learners in the patient's procedure and care

COM 3.1 Use plain language and avoid medical jargon

COM 4.3 Answer questions from the patient and/or family

COM 5.1 Document the consent discussion and its outcome

### FOUNDATIONS 6

ME 3.4 Set up, position and drape the patient for the procedure

ME 1.3 Apply knowledge of anatomy, key landmarks, and the surgical procedure

ME 3.4 Use surgical instruments and equipment correctly and in a fluid manner

ME 3.4 Perform safe dissection of relevant structures and tissue layers with gentle tissue handling

COL 1.2 Provide and/or use operative assistance effectively  
P 1.1 Work within personal limits, asking for help as needed  
COL 1.2 Work effectively with the OR team

#### FOUNDATIONS 7

ME 1.4 Perform a focused clinical assessment that addresses all relevant issues  
ME 3.4 Perform wound surveillance and dressing care  
ME 4.1 Coordinate investigation, treatment, and follow-up plans when multiple physicians and healthcare professionals are involved  
ME 4.1 Develop and implement a plan for post-operative, immediate and/or long-term care  
COL 3.2 Communicate with the patient's primary health care professional about the patient's care  
COL 3.2 Summarize the patient's issues in the transfer summary, including plans to deal with the ongoing issues  
HA 1.2 Select patient education resources related to surgical practice  
HA 1.3 Anticipate and advocate for the perioperative needs of patients belonging to vulnerable and marginalized populations

#### Part B: Collaborative care

COL 1.2 Demonstrate understanding of the roles and scopes of practice of other health care providers related to surgical practice  
COL 1.3 Integrate the patient's perspective and context into the collaborative care plan  
COL 2.1 Actively listen to and engage in interactions with collaborators  
COL 3.2 Arrange for the appropriate resources and health care assistance to be available for the surgical patient  
P 4.1 Regulate attention, emotions, thoughts, and behaviours while maintaining capacity to perform professional tasks

#### FOUNDATIONS 8

ME 1.4 Perform a focused clinical assessment that addresses all relevant issues  
ME 1.4 Recognize urgent problems that may need the involvement of more experienced colleagues and seek their assistance  
ME 2.2 Develop a specific differential diagnosis relevant to the patient's presentation  
ME 2.2 Select and/or interpret appropriate investigations and/or imaging with sufficient attention to clinical details  
ME 3.3 Consider urgency and potential for deterioration, in advocating for the timely execution of a procedure or therapy  
ME 4.1 Implement a post-operative care plan for patients with a complicated post-operative course  
COM 5.1 Document the clinical encounter to adequately convey clinical reasoning and the rationale for decisions  
P 2.2 Demonstrate a commitment to patient safety and quality improvement through adherence to institutional policies and procedures, and clinical practice guidelines

FOUNDATIONS 9

S 2.4 Identify the learning needs of a junior learner

S 2.2 Create a positive learning environment

S 2.3 Demonstrate an understanding of the role of appropriate supervision

S 2.4 Plan learning activities appropriate to the level of the learner

S 2.5 Provide written or oral feedback to other learners, faculty and other members of the team