

## STAGE

### FOUNDATIONS

## EPA

### EPA 6: Participating in surgical procedures

## DETAILED DESCRIPTION

The focus of this EPA is the ability of the resident to function effectively and professionally as an operating room team member in a junior surgical role. The resident must possess and apply relevant anatomical knowledge, be able to perform basic procedural tasks and effectively assist the primary surgeon when performing more complex procedural tasks. Residents must display insight, recognizing when assistance of more experienced surgeons is required and seek that assistance immediately. The resident must display competence at basic surgical skills, such as tissue handling, incisions and dissection, suturing skills, simple hemorrhage control and insertion / removal of drains.

## ENTRUSTMENT

The resident will be entrusted to:

1. Recognize situations that require more experienced colleagues and seek that assistance immediately.
2. Perform basic procedural tasks and techniques in a timely, skillful, safe manner.
3. Assist and take direction from the primary surgeon.



Assessment Tools	Focus of Assessment						
	ME	CM	CL	L	HA	SC	PR
Direct Observation Procedural Skills	X						X
Supervisor Template							
Field Note							
Mini-CEX							
Multisource Feedback							
Patient Feedback							
Peer Assessment							
Resident Teaching Rubric							
Chart Review							
Journal Club Rubric							
Observed History and Physical Rubric							
OSCE/Simulation							
Other:							
Oral Exam							
SAQ/MCQ Exam							
Shelf Quiz							
Other:							
Procedure Note Assessment							
Online Module							
Procedure Log							
Other:							

## ASSESSMENT STRATEGY AND SAMPLING

Four direct observations of achievement are required for:

- At least 2 different types of procedures
- At least 2 by faculty
- At least 2 different assessors

### Relevant Milestones from RC

- 1 F ME 1.3.1 Apply clinical and biomedical sciences to manage core patient presentations in surgical practice
- 2 **F ME 1.3.2 Apply knowledge of anatomy relevant to the surgical site**
- 3 F ME 1.4.2 Recognize urgent problems that may need the involvement of more experienced colleagues and seek their assistance immediately
- 4 **F ME 3.4.2 Perform procedural tasks in a timely, skillful, and safe manner**
  - Use common surgical instruments, including but not limited to needle drivers, retractors, forceps, clamps, electrocautery, scalpel, and scissors
  - Provide operative assistance
    - Demonstrate how to provide operative assistance as necessary for the safe and effective performance of operative procedures
    - Take direction from a lead surgeon
  - Use operative assistance appropriately
    - Recognize when to use operative assistance as necessary for the safe and effective performance of operative procedures
    - Demonstrate an understanding of personal technical limitations
    - Direct assistants
- 5 **F ME 3.4.3 Perform surgical techniques in a timely, skillful, and safe manner**
  - Hemorrhage control – pack, apply pressure
  - Closure of layered incision
  - Insertion and removal of drains
  - Appropriate application of wound dressing
  - Blunt and sharp dissection without injury to adjacent structures

- Incision using sharp and energy-based instruments
  - Knot tying and suturing
  - Tissue handling with attention to the preservation of tissue vitality
- 6 F CL 1.1.2 Respect established protocols of the operating room and team
- 7 D CL 1.1.1 Receive and appropriately respond to input from other health care professionals**
- 8 F CL 2.1.1 Actively listen to and engage in interactions with collaborators
- 9 F CL 2.2.2 Communicate clearly and directly to promote understanding, manage differences, and resolve conflicts
- 10 F LD 1.2.1 Adhere to institutional safety procedures
- 11 F S 1.2.2 Use surgical encounters to guide learning and skill refinement**
- 12 F S 2.3.2 Demonstrate an understanding of the role of appropriate supervision**
- 13 F PR 1.1.3 Exhibit appropriate professional behaviours**
- 14 F PR 2.2.1 Demonstrate a commitment to patient safety and quality improvement through adherence to institutional policies and procedures, and clinical practice guidelines
- 15 F PR 4.1.3 Demonstrate an ability to regulate attention, emotions, thoughts, and behaviours while maintaining capacity to perform professional tasks