

## Surgical Foundations: Foundations EPA #6

### Participating in surgical procedures

#### Key Features:

- This EPA may be observed in a range of procedures, including those specific to the primary entry surgical specialty as well as others

#### Assessment plan:

Direct observation by supervisor in OR (minor surgery or emergency)

Use Form 2. Form collects information on:

- Role of resident: primary assistant to the operator; secondary assistant to the operator
- Role of observer: faculty; fellow; senior resident; other
- Type of procedure (or parts thereof):

Collect 4 observations of achievement

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

#### Relevant milestones

- 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
  - Select and use suture materials
  - Select and use drains and tubes, as appropriate
- 5 F ME 3.4.3** Perform surgical techniques in a timely, skillful, and safe manner
  - Incision using sharp and energy-based instruments
  - Blunt and sharp dissection without injury to adjacent structures
  - Tissue handling with attention to the preservation of tissue vitality
  - Hemorrhage control – pack , apply pressure (simple bleeding)

- **Knot tying and suturing**
  - **Closure of layered incision**
  - **Insertion and removal of drains**
  - **Selection and application of a wound dressing**
- 6 F COL 1.1.2 Respect established protocols of the operating room and team
- 7 TD COL 1.1.1 **Receive and appropriately respond to input from other health care professionals**
- 8 F COL 2.1.1 Actively listen to and engage in interactions with collaborators
- 9 F COL 2.2.2 Communicate clearly and directly to promote understanding, manage differences, and resolve conflicts
- 10 F L 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 P 1.1.3 **Exhibit appropriate professional behaviours**
- 14 F P 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 P 4.1.3 Demonstrate an ability to regulate attention, emotions, thoughts, and behaviours while maintaining capacity to perform professional tasks