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
     o Demonstrate how to provide operative assistance as necessary for the safe and effective performance of operative procedures
     o Take direction from a lead surgeon
   • Use operative assistance appropriately
     o Recognize when to use operative assistance as necessary for the safe and effective performance of operative procedures
     o Demonstrate an understanding of personal technical limitations
     o 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