

General Surgery Objectives and Links

Link

Medical Knowledge

1. Describe the importance of nutrition for the surgical patient including the concept of metabolic stress and its role in the perioperative period. 1.1/1.2
2. Describe the etiology, pathophysiology, epidemiology, clinical manifestations, diagnostic work up and treatment of common surgical problems (pharmacological and non-pharmacological) involving the esophagus, stomach and duodenum, small intestine and appendix, colon, rectum and anus, biliary tract, pancreas, liver, breast, thyroid, parathyroid and adrenal gland, spleen, vascular system, and skin and soft tissue. 1.2/1.3
3. Demonstrate proficiency in the preoperative evaluation of the surgical patient with particular concern for those areas that directly affect operative risk. 1.2
4. Demonstrate an understanding of the economic, psychological, social and cultural factors that impact the perioperative period. 1.5
5. Describe the various clinical assessments for elective and emergent surgical procedures, including: history and physical examination, selected screening and diagnostic procedures. 1.6
6. Demonstrate an understanding of study design and basic testing characteristics to incorporate evidence based medicine into surgical practice. 1.7

Patient Care

1. Elicit a complete and focused history and physical examinations of patients, including an abdominal examination 2.1
2. Demonstrate knowledge of, the indications for and interpretation of radiologic studies used to assess surgical problems including ultrasonography, cross sectional imaging, nuclear medicine studies and radiograph studies. 2.1
3. Demonstrate knowledge of, the indications for and interpretation of laboratory studies used to assess surgical problems and used in the post-operative period. 2.1
4. Apply clinical reasoning skills in developing a prioritized differential diagnosis. 2.2
5. Construct appropriate management strategies for patients in the perioperative period, including resuscitation needs, pain control and operative risks. 2.3

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| 6. Perform core procedural skills, including: Foley catheter placement, insertion of IV catheter, insertion of nasogastric tube, suturing, surgical drain management, arterial puncture and venipuncture. | 2.4 |
| 7. Understand the components of informed consent for surgical procedures and counsel patients undergoing elective and emergent surgical procedures. | 2.5 |
| 8. Utilize the health record to assist in care of patients, including chart review, documentation and request of medical records. | 2.7 |

Interpersonal and Communication Skills

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| 1. Record in the electronic medical record and present a complete history and physical examination in an organized, accurate and succinct fashion. | 3.1/3.4 |
| 2. Discuss with the patient and family the findings of the surgical procedure and plans for follow up. | 3.2 |
| 3. Demonstrate an understanding of how cultural beliefs and spirituality can affect peri-operative health care. | 3.2 |
| 4. Use effective communication skills and styles when working with other health care professionals | 3.3 |
| 5. Prepare detailed and accurate post-operative notes that accurately reflect the surgical procedure and findings in order to convey this information to the other health care providers involved in the care of the patient. | 3.3/3.4 |
| 6. Demonstrate the ability to deal with difficult clinical situations, including surgical complications and end of life issues. | 3.5 |

Practice Based Learning and Improvement

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| 1. Recognize and accept one's own limitations in knowledge and clinical skills. | 4.1 |
| 2. Critically evaluate one's performance to identify strengths and personal limitations in clinical knowledge or study methods, and develop learning goals to address limitations. | 4.1/4.2 |
| 3. Actively seek out timely and formative feedback. | 4.3 |
| 4. Collaborate with peers, other healthcare professionals, patients and families in order to integrate feedback to positively modify clinical behavior | 4.3 |
| 5. Demonstrate the ability to effectively read, research and critically review the scientific evidence relevant to the care of perioperative patients and clinical issues. | 4.4/4.5 |
| 6. Utilize information technology to access and manage clinical information and perform online searches to support self-directed learning. | 4.5 |

Professionalism

1. Demonstrate professionalism by behaving in a professional, courteous and respectful manner when engaged with peers, faculty, residents and non-physician staff. 5.1
2. Demonstrate behaviors that foster patients' trust in the physician, including: appropriate dress, appropriate grooming, compassion, reliability, honesty, and respect for privacy. 5.1
3. Demonstrate professional behavior by completing all clerkship requirements, including clerkship evaluations, in a timely manner. 5.2
4. Demonstrate responsibility and accountability by attending and being punctual at all required clerkship activities, including lectures, small groups, morning report and clinical rounds. 5.2
5. Demonstrate professional behavior by requesting any excused absence from required clerkship activities in the required time frame 5.2
6. Demonstrate professional behavior by responding to direct communication from the Clerkship Director or Coordinator in a timely fashion, particularly in circumstances related to academic performance 5.2
7. Demonstrate advocacy for patients over personal interests 5.3
8. Demonstrate respect for patient privacy, and sensitivity to patients with diverse backgrounds 5.3/5.4
9. Demonstrate professional and ethical behavior by honestly completing clerkship examinations without attempting to seek advantage by unfair means, and by reporting unethical behavior of peers to clerkship administration 5.6

Systems Based Practice

1. Identify considerations of cost awareness for the perioperative patient 6.1
2. Demonstrate an understanding of the impact of economic and health insurance issues on patient care 6.1
3. Collaborate with health care professionals to assess, coordinate and improve health care delivery, to promote health, prevent disease and manage illness 6.2
4. Utilize strategies to access health care services for patients who need advocacy and assistance 6.2/6.4
5. Analyze and identify system errors and potential solutions 6.3
6. Employ the Universal Protocol and surgical timeout to ensure patient safety during the perioperative period 6.3
7. Demonstrate commitment to and examples of service to patients in need 6.4

Inter-professional Collaboration

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| 1. Work collaboratively with all health professionals on the operative care team | 7.1/7.3/3.3 |
| 2. Respectfully and effectively communicate issues of patient care with non-physician healthcare workers | 7.1/7.3 |
| 3. Organize the appropriate use of consultants and referrals | 7.1/7.3 |
| 4. Demonstrate an understanding of the roles of other members of the healthcare team | 7.2 |

Personal and Professional Development

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| 1. Demonstrate a personal responsibility to maintaining one's own physical and mental well-being | 8.1 |
| 2. Demonstrate an ongoing commitment to pursuing learning opportunities for personal and professional growth and development | 8.2 |