### General Surgery Review

**Issues in Thoracic Surgery - Gail Darling, MD and Gail Darling, MD**
- Cite the advantages of minimally invasive esophagectomy;
- Provide optimal perioperative care of patients undergoing minimally invasive esophagectomy;
- Assess the potential benefits of surgical repair of rib fractures;
- Formulate diagnostic strategies for the evaluation of patients with suspected thoracic trauma;
- Choose an appropriate surgical approach for a patient who has sustained thoracic trauma

**Benign Colorectal Disease/Enhanced Recovery Pathways - David A. Etzioni, MD, Eran Shlomovitz, MD, Byron Vaughn, MD and Robert R. Cima, MD**
- Evaluate the indications for elective resection of diverticular disease;
- Explain the diagnostic approach to patients with adhesive small bowel obstruction;
- Cite the indications for operating on patients with small bowel obstruction;
- Formulate a treatment plan for hospitalized patients with acute ulcerative colitis;

### Update on Breast and Endocrine Surgery - Hani Sbitany, MD, Quan-Yang Duh, MD, Gerard Doherty, MD and Dr. Duh
- Compare the benefits of breast reconstruction using implants with autologous tissue after total skin-sparing mastectomy;
- Outline diagnostic and treatment strategies for patients with adrenal incidentalomas;
- Evaluate the role of intraoperative nerve monitoring in thyroid surgery;
- Identify indications for preoperative laryngoscopy in patients undergoing thyroid surgery;
- Delineate the utility of mutational analysis and genetic expression classifier testing in the evaluation of thyroid nodules.

### Complex Airways/Limb Trauma - Charles F. Youngblood, MD, Rick Erickson, NRP, Ali Salim, MD and Carlos V.R. Brown, MD
- Identify the challenges of securing an airway in the trauma patient;
- Explain techniques for management of the airway in the prehospital setting;
- Outline the role of rapid sequence intubation and delayed sequence ventilation in the prehospital setting;
- Determine whether a tourniquet should be used in apatient with extremity trauma;
- Delineate factors that best predict the need for amputation of a mangled extremity. QUALIFIES FOR TRAUMA

### Appendicitis and Pancreatitis - Keith R. Miller, MD, Stephen A. McClave, MD and Robert G. Martindale, MD
- Evaluate the role of nonoperative treatment for appendicitis;
- Cite the advantages of enteral feeding in patients with pancreatitis;
- Define the roles of immunonutrition, probiotics, and total parenteral nutrition in patients with pancreatitis;
- Outline treatment strategies for pancreatic pseudocysts;
- Choose preferred approaches for the treatment of infected necrotizing pancreatitis.

### Update on Bariatric Surgery - Sean Lee, MD and Peter Crookes, MD
- Select appropriate patients for bariatric surgery;
- Compare and contrast bariatric surgical procedures; Consider new surgical and endoscopic procedures for weight reduction;
- Formulate diagnostic and management strategies for acute complications after bariatric surgery; Choose appropriate treatment for a patient with acute neurologic symptoms following bariatric surgery.
General Surgery Review

**Price:**
Full - $540 / Short - $445

**Register:**
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*Special Association accreditation may vary. See website.*

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**Challenges in Coagulation - Martin A. Schreiber, MD and Dr. Schreiber**

- Apply effective strategies for urgently reversing the anticoagulant effect of warfarin;
- Explain the advantages and disadvantages of the novel oral anticoagulants;
- Choose the optimal transfusion ratio for bleeding patients;
- Evaluate the advantages of cryopreservation of red blood cells;
- Compare the attributes of fresh frozen plasma and liquid plasma.

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**Issues in Inguinal Hernia - Steve Rosenblatt, MD, Scott Roth, MD, Diva Alaedeen, MD and Emanuele Lo Menzo, MD**

- Describe the characteristics of mesh that determine tissue reaction;
- Perform a diagnostic workup for a patient suspected of having loss of domain (LOD);
- Evaluate the role of progressive preoperative pneumoperitoneum in patients at risk for LOD;
- Plan a workup for a patient presenting with chronic pain after repair of an inguinal hernia;
- Outline the potential clinical uses of botulinum toxin in patients undergoing repair of hernias.

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**Update on Colorectal Cancer - Emina Huang, MD, Nancy Baxter, MD, David A. Etzioni, MD and Eric H. Jensen, MD**

- Plan a clinical workup for patients with colonic polyposis syndromes;
- Clarify the relationship between lymph node retrieval and outcomes in colon cancer;
- Evaluate the quality metric requiring removal of 12 lymph nodes in colon cancer surgery;
- Recommend effective radiation therapy for patients with rectal cancer;
- Plan a treatment algorithm for patients presenting with colorectal cancer and synchronous liver metastasis.

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**Issues in Quality and Cost of Surgery - David A. Etzioni, MD, Nancy Baxter, MD and J. Scott Roth, MD**

- Explain the difficulties in measuring outcomes and using them as measures of quality of care;
- Outline the types of unintended consequences that may result from quality measures;
- Evaluate the effects of surgical safety checklists on outcomes;
- Delineate the challenges and opportunities presented by Alternative Payment Models and the Merit-based Incentive Payment System;
- Compare and contrast the meanings of costs, charges, revenues, and profits.