



2020 Core Surgery Module: All References

Below you will find the topics and their accompanying references for the Core Surgery module of the General Surgery Continuous Certification Assessment. References that are available open source are indicated with a green star ★ and the entire citation is a link to the open access source. References that are not available open access have a link in their PubMed ID to the abstract.

Diplomates are neither required nor expected to read all of these references before or during the completion of the assessment.

Anesthesia, Regional and Local

- ★ [Neal JM, Barrington MJ, Fettiplace MR, et al. The Third American Society of Regional Anesthesia and Pain Medicine practice advisory on local anesthetic systemic toxicity: executive summary 2017. *Reg Anesth Pain Med.* 2018;43\(2\):113-123. \[PMID: 29356773\]](#)
- ★ [Association of Anaesthetists. AAGBI Safety Guideline: Management of Severe Local Anaesthetic Toxicity. 2010 Ed.](#)

Anticoagulation

- ★ [Yasuda S, Kaikita K, Akao M, et al. Antithrombotic therapy for atrial fibrillation with stable coronary disease. *N Engl J Med.* 2019;381\(12\):1103-1113. \[PMID: 31475793\]](#)
- ★ [Douketis JD, Spyropoulos AC, Kaatz S, et al. Perioperative bridging anticoagulation in patients with atrial fibrillation. *N Engl J Med.* 2015;373\(9\):823-833. \[PMID: 26095867\]](#)

Cardiogenic Shock

- Nuding S, Werdan K, Prondzinsky R. Optimal course of treatment in acute cardiogenic shock complicating myocardial infarction. *Expert Rev Cardiovasc Ther.* 2018;16(2):99-112. [[PMID: 29310471](#)]
- ★ [Werdan K, Russ M, Buerke M, Prondzinsky R, Dietz S. Evidence-based management of cardiogenic shock after acute myocardial infarction. *Interv Cardiol.* 2013;8\(2\):73-80. \[PMID: 29588754\]](#)
- ★ [van Diepen S, Katz JN, Albert NM, et al. Contemporary management of cardiogenic shock: a scientific statement from the American Heart Association. *Circulation.* 2017;136\(16\):e232-e268. \[PMID: 28923988\]](#)



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Coagulopathy

- ★ [Wahlen BM, El-Menyar A, Peralta R, Al-Thani H. World Academic Council of Emergency Medicine Experience document: implementation of point-of-care thromboelastography at an academic emergency and trauma center. *J Emerg Trauma Shock*. 2018;11\(4\):265-270. \[PMID: 30568368\]](#)
- ★ [Gonzalez E, Moore EE, Moore HB, et al. Goal-directed hemostatic resuscitation of trauma-induced coagulopathy: a pragmatic randomized clinical trial comparing a viscoelastic assay to conventional coagulation assays. *Ann Surg*. 2016;263\(6\):1051-1059. \[PMID: 26720428\]](#)
- ★ [Moore HB, Moore EE, Liras IN, et al. Targeting resuscitation to normalization of coagulating status: hyper and hypocoagulability after severe injury are both associated with increased mortality. *Am J Surg*. 2017;214\(6\):1041-1045. \[PMID: 28969894\]](#)
- [Furay E, Daley M, Teixeira PG, et al. Goal-directed platelet transfusions correct platelet dysfunction and may improve survival in patients with severe traumatic brain injury. *J Trauma Acute Care Surg*. 2018;85\(5\):881-887. \[PMID: 30124626\]](#)
- ★ [American College of Surgeons Committee on Trauma, American College of Radiology, American Society of Emergency Radiology. ACS TQIP Best Practice Guidelines in Imaging. October 2018.](#)

Ethical Issues in Surgery: End of Life

- [Lilley EJ, Khan KT, Johnston FM, et al. Palliative care interventions for surgical patients: a systematic review. *JAMA Surg*. 2016;151\(2\):172-183. \[PMID: 26606747\]](#)
- [Evans BA, Turner MC, Gloria JN, Pickett LC, Galanos AN. Palliative care consultation is underutilized in critically ill general surgery patients. *Am J Hosp Palliat Care*. 2020;37\(2\):149-153. \[PMID: 31315425\]](#)
- [Fahy BN. Introduction: role of palliative care for the surgical patient. *J Surg Oncol*. 2019;120\(1\):5-9. \[PMID: 30919950\]](#)
- [Ballou JH, Brasel KJ. Palliative care and geriatric surgery. *Clin Geriatr Med*. 2019;35\(1\):35-44. \[PMID: 30390982\]](#)



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Hypercalcemia

- ★ [Walsh J, Gittoes N, Selby P; Society for Endocrinology Clinical Committee. Society for Endocrinology endocrine emergency guidance: emergency management of acute hypercalcaemia in adult patients. *Endocr Connect*. 2016;5\(5\):G9-G11.](#)
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- Quinn CE, Udelsman R. The parathyroid glands. In: Townsend CM, Beauchamp RD, Evers BM, Mattox KL, eds. *Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice*. 20th ed. Elsevier; 2017.

Infection Control

- ★ [Jensen PA, Lambert LA, Iademarco MF, Ridzon R; CDC. Guidelines for preventing the transmission of *Mycobacterium tuberculosis* in health-care settings, 2005. *MMWR Recomm Rep*. 2005;54\(RR-17\):1-141.](#)
[PMID: 16382216]
- ★ [MacNeil JR, Lobato MN, Moore M. An unanswered health disparity: tuberculosis among correctional inmates, 1993 through 2003. *Am J Public Health*. 2005;95\(10\):1800-1805.](#)
[PMID: 16186458]

Nutritional Requirements

- Adiamah A, Skořepa P, Weimann A, Lobo DN. The impact of preoperative immune modulating nutrition on outcomes in patients undergoing surgery for gastrointestinal cancer: a systemic review and meta-analysis. *Ann Surg*. 2019;270(2):247-256.
[PMID: 30817349]
- ★ [Arends J, Baracos P, Baracos V, et al. ESPEN guidelines on nutrition in cancer patients. *Clin Nutr*. 2017;36\(1\):11-48.](#)
[PMID: 27637832]
- Napolitano LM, Faist E, Wichmann MW, Coimbra R, et al. Immune dysfunction in trauma. *Surg Clin North Am*. 1999;79(6):1385-1416.
[PMID: 10625985]
- Lobo DN, Williams RN, Welch NT, et al. Early post-operative jejunostomy feeding with an immune modulating diet in patients undergoing resectional surgery for upper gastrointestinal cancer: a prospective, randomized, controlled, double-blind study. *Clin Nutr*. 2006;25(5):716-726.
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- [Moya P, Soriano-Irigaray L, Ramirez JM, et al. Perioperative standard oral nutrition supplements versus immunonutrition in patients undergoing colorectal resection in an enhanced recovery \(ERAS\) protocol: a multicenter randomized clinical trial \(SONVI Study\). *Medicine \(Baltimore\)*. 2016;95:e3704. \[PMID: 27227930\]](#)

Pain Management

- ★ [Chou R, Gordon DB, de Leon-Casasola OA, et al. Management of postoperative pain: a clinical practice guideline from the American Pain Society, the American Society of Regional Anesthesia and Pain Medicine, and the American Society of Anesthesiologists' Committee on Regional Anesthesia, Executive Committee, and Administrative Council. *J Pain*. 2016;17\(2\):131-157. \[PMID: 26827847\]](#)

Patient Safety in the Operating Room

- ★ [Apfelbaum JL, Caplan RA, Barker SJ, et al. Practice advisory for the prevention and management of operating room fires: an updated report by the American Society of Anesthesiologists task force on operating room fires. *Anesthesiology*. 2013;118\(2\):271-290. \[PMID: 23287706\]](#)

Personal Protective Equipment in a Pandemic

- ★ [Center for Disease Control and Prevention. Interim Infection Prevention and Control Recommendations for Healthcare Personnel During the Coronavirus Disease 2019 \(COVID-19\) Pandemic. July 2020.](#)
- ★ [United States Department of Labor. OSHA Laws & Regulations;1910 Subpart I-Personal Protective Equipment.](#)

Postoperative Atrial Fibrillation

- ★ [American Heart Association. Highlights of the 2015 American Heart Association: Guidelines Update for CPR and ECC. 2015.](#)
- [Danelich IM, Lose JM, Wright SS, et al. Practical management of postoperative atrial fibrillation after noncardiac surgery. *J Am Coll Surg*. 2014;219\(4\):831-841. \[PMID: 25127508\]](#)

Preoperative Assessment and Management of Cardiac Risk

- ★ [Rossini R, Tarantini G, Musumeci G, et al. A multidisciplinary approach on the perioperative antithrombotic management of patients with coronary stents undergoing surgery: surgery after stenting 2. *JACC Cardiovasc Interv*. 2018;11\(5\):417-434. \[PMID: 29519377\]](#)



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Preoperative Evaluation of Geriatric Patients

- ★ [Makhani SS, Kim FY, Liu Y, et al. Cognitive impairment and overall survival in frail surgical patients. *J Am Coll Surg.* 2017;225\(5\):590-600.e1. \[PMID: 28826805\]](#)
- [Park KU, Rubinfeld I, Hodari A, Hammoud Z. Prolonged length of stay after esophageal resection: identifying drivers of increased length of stay using the NSQIP database. *J Am Coll Surg.* 2016;223\(2\):286-290. \[PMID: 27118713\]](#)
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- ★ [Robinson TN, Wu DS, Pointer L, Dunn CL, Cleveland JC Jr, Moss M. Simple frailty score predicts postoperative complications across surgical specialties. *Am J Surg.* 2013;206\(4\):544-550. \[PMID: 23880071\]](#)

Preoperative Smoking Cessation

- ★ [Thomsen T, Villebro N, Møller AM. Intervention for preoperative smoking cessation. *Cochrane Database Syst Rev.* 2014;2014\(3\):CD002294. \[PMID: 24671929\]](#)

Priorities in the Use of Critical Care Resources

- ★ [Daugherty Biddison EL, Faden R, Gwon HS, et al. Too many patients...a framework to guide statewide allocation of scarce mechanical ventilation during disasters. *Chest.* 2019;155\(4\):848-854. \[PMID: 30316913\]](#)
- ★ [Qualls N, Levitt A, Kanade N, et al. Community mitigation guidelines to prevent pandemic influenza - United States, 2017. *MMWR Recomm Rep.* 2017;66\(1\):1-34. \[PMID: 28426646\]](#)

Septic Shock

- ★ [Rhodes A, Evans LE, Alhazzani W, et al. Surviving Sepsis Campaign: international guidelines for management of sepsis and septic shock: 2016. *Intensive Care Med.* 2017;43\(3\):304-377. \[PMID: 28101605\]](#)

Surgical Outcomes and Quality Improvement



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- Berian JR, Ban KA, Liu JB, Ko CY, Feldman LS, Thacker JK. Adherence to enhanced recovery protocols in NSQIP and association with colectomy outcomes. *Ann Surg.* 2019;269(3):486-493. [\[PMID: 29064887\]](#)
- Carmichael JC, Keller DS, Baldini G, et al. Clinical practice guideline for enhanced recovery after colon and rectal surgery from the American Society of Colon and Rectal Surgeons (ASCRS) and Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). *Surg Endosc.* 2017;31(9):3412-3436. [\[PMID: 28776285\]](#)

Venous Thromboembolism Prophylaxis

- ★ Farge D, Frere C, Connors JM; International Initiative on Thrombosis and Cancer (ITAC) advisory panel, et al. 2019 international clinical practice guidelines for the treatment and prophylaxis of venous thromboembolism in patients with cancer. *Lancet Oncol.* 2019;20(10):e566-e581. [\[PMID: 31492632\]](#)

Wound Care

- Javed AA, Teinor J, Wright M, et al. Negative pressure wound therapy for surgical-site infections: a randomized trial. *Ann Surg.* 2019;269(6):1034-1040. [\[PMID: 31082899\]](#)
- ★ [Norman G, Goh EL, Dumville JC, et al. Negative pressure wound therapy for surgical wounds healing by primary closure. *Cochrane Database Syst Rev.* 2020;6:CD009261.](#) [\[PMID: 32542647\]](#)
- ★ [Sahebally SM, McKevitt K, Stephens I, et al. Negative pressure wound therapy for closed laparotomy incisions in general and colorectal surgery: a systematic review and meta-analysis. *JAMA Surg.* 2018;153\(11\):e183467.](#) [\[PMID: 30267040\]](#)