



2021 Core Surgery Module: All References

Below you will find the topics and their accompanying references for the 2021 Core Surgery Module for 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.

Anticoagulation Management:

- ★ [Cuker A, Burnett A, Triller D, et al. Reversal of direct oral anticoagulants: guidance from the Anticoagulation Forum. *Am J Hematol.* 2019;94\(6\):697-709.](#)
[PMID: 30916798]
- ★ [Rawal A, Ardeshtna D, Minhas S, et al. Current status of oral anticoagulant reversal strategies: a review. *Ann Trans Med.* 2019;7\(17\):411.](#)
[PMID: 31660310]

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]

Damage Control Resuscitation:

- ★ [Cannon JW, Khan MA, Raja AS, et al. Damage control resuscitation in patients with severe traumatic hemorrhage: a practice management guideline from the Eastern Association for the Surgery of Trauma. *J Trauma Acute Care Surg.* 2017;82\(3\):605-617.](#)
[PMID: 28225743]
- Rhee P, Joseph B. *Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice.* 20th edition. Elsevier; 2016.



2021 Core Surgery Module: All References

Desmoids Tumors:

- ★ [Desmoid Tumor Working Group. The management of desmoid tumours: a joint global consensus-based guideline approach for adult and paediatric patients. *Eur J Cancer*. 2020;127:96-107.](#)
[PMID: 32004793]

Fascial Closure Technique:

- Deerenberg EB, Harlaar JJ, Steyerberg EW, et al. Small bites versus large bites for closure of abdominal midline incisions (STITCH): a double-blind, multicentre, randomised controlled trial. *Lancet*. 2015;386(10000):1254-1260.
[PMID: 26188742]
- ★ [Gurusamy KS, Cassar Delia E, Davidson BR. Peritoneal closure versus no peritoneal closure for patients undergoing non-obstetric abdominal operations. *Cochrane Database Syst Rev*. 2013;2013\(7\):CD010424. Published 2013 Jul 4.](#)
[PMID: 23828487]
- Tolstrup MB, Watt SK, Gögenur I. Reduced rate of dehiscence after implementation of a standardized fascial closure technique in patients undergoing emergency laparotomy. *Ann Surg*. 2017;265(4):821-826.
[PMID: 28267697]
- Henriksen NA, Deerenberg EB, Venclauskas L, Fortelny RH, Miserez M, Muysoms FE. Meta-analysis on materials and techniques for laparotomy closure: the MATCH review. *World J Surg*. 2018;42(6):1666-1678.
[PMID: 29322212]
- ★ [Sahebally SM, McKeivitt 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]
- ★ [Patel SV, Paskar DD, Nelson RL, Vedula SS, Steele SR. Closure methods for laparotomy incisions for preventing incisional hernias and other wound complications. *Cochrane Database Syst Rev*. 2017;11\(11\):CD005661. Published 2017 Nov 3.](#)
[PMID: 29099149]

Frailty, Risk Mitigation Strategies for Surgery:

- ★ [Panayi AC, Orkaby AR, Sakhivel D, et al. Impact of frailty on outcomes in surgical patients: a systematic review and meta-analysis. *Am J Surg*. 2019;218\(2\):393-400.](#)
[PMID: 30509455]



2021 Core Surgery Module: All References

- ★ [Mclsaac DI, Jen T, Mookerji N, Patel A, Lalu MM. Interventions to improve the outcomes of frail people having surgery: a systematic review. *PLoS One*. 2017;12\(12\):e0190071. Published 2017 Dec 29.](#)
[PMID: 29287123]
- ★ [Binder EF, Brown M, Sinacore DR, Steger-May K, Yarasheski KE, Schechtman KB. Effects of extended outpatient rehabilitation after hip fracture: a randomized controlled trial. *JAMA*. 2004;292\(7\):837-846.](#)
[PMID: 15315998]
- ★ [Lin HS, Watts JN, Peel NM, Hubbard RE. Frailty and post-operative outcomes in older surgical patients: a systematic review. *BMC Geriatr*. 2016;16\(1\):157. Published 2016 Aug 31.](#)
[PMID: 27580947]
- Molino-Lova R, Pasquini G, Vannetti F, et al. Effects of a structured physical activity intervention on measures of physical performance in frail elderly patients after cardiac rehabilitation: a pilot study with 1-year follow-up. *Intern Emerg Med*. 2013;8(7):581-589.
[PMID: 21744061]

Intra-abdominal Infections:

- ★ [Sawyer RG, Claridge JA, Nathens AB, et al. Trial of short-course antimicrobial therapy for intraabdominal infection. *N Engl J Med*. 2015;372\(21\):1996-2005.](#)
[PMID: 25992746]
- ★ [Mazuski JE, Tessier JM, May AK, et al. The Surgical Infection Society Revised guidelines on the management of intra-abdominal infection. *Surg Infect \(Larchmt\)*. 2017;18\(1\):1-76.](#)
[PMID: 28085573]

MIS Repair in Women:

- Schmidt L, Öberg S, Andresen K, Rosenberg J. Laparoscopic repair is superior to open techniques when treating primary groin hernias in women: a nationwide register-based cohort study. *Surg Endosc*. 2019;33(1):71-78.
[PMID: 29905895]
- van Veenendaal N, Simons MP, Bonjer HJ. Summary for patients: international guidelines for groin hernia management. *Hernia*. 2018;22(1):167-168.
[PMID: 29356909]

Nutrition and Surgical Outcomes:

- ★ [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]



2021 Core Surgery Module: All References

- ★ [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, et al. Immune dysfunction in trauma. *Surg Clin North Am.* 1999;79:1385-1416.](#)
[PMID: 10625985]
- [Lobo PN, 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.](#)
[PMID 16777271]
- ★ [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]

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]

Prevention and Management of Operating Room Fires:

- ★ [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]

SARS-CoV-2 and Elective Surgery:

- ★ [COVIDSurg Collaborative. Delaying surgery for patients with a previous SARS-CoV-2 infection. *Br J Surg.* 2020;107\(12\):e601-e602.](#)
[PMID: 32974904]
- ★ [Carfi A, Bernabei R, Landi F; Gemelli Against COVID-19 Post-Acute Care Study Group. Persistent symptoms in patients after acute COVID-19. *JAMA.* 2020;324\(6\):603-605.](#)
[PMID: 32644129]



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- ★ [American Society of Anesthesiologists and Anesthesia Patient Safety Foundation Joint Statement on Elective Surgery and Anesthesia for Patients after COVID-19 Infection. Anesthesia Patient Safety Foundation. Published March 9, 2020.](#)

Sentinel-Node Metastasis in Melanoma:

- ★ [Faries MB, Thompson JF, Cochran AJ, et al. Completion dissection or observation for sentinel-node metastasis in melanoma. *N Engl J Med.* 2017;376\(23\):2211-2222.](#)
[PMID: 28591523]

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]
- Howell MD, Davis AM. Management of sepsis and septic shock. *JAMA.* 2017;317(8):847-848.
[PMID: 28114603]

Surgical Risk and Chronic Liver Disease:

- ★ [Cho SW, Bhayani N, Newell P, et al. Umbilical hernia repair in patients with signs of portal hypertension: surgical outcome and predictors of mortality. *Arch Surg.* 2012;147\(9\):864-869.](#)
[PMID: 22987183]
- Eker HH, van Ramshorst GH, de Goede B, et al. A prospective study on elective umbilical hernia repair in patients with liver cirrhosis and ascites. *Surgery.* 2011;150(3):542-546.
[PMID: 21621237]
- ★ [Hickman L, Tanner L, Christein J, Vickers S. Non-hepatic abdominal surgery in patients with cirrhotic liver disease. *J Gastrointest Surg.* 2019;23\(3\):634-642.](#)
[PMID: 30465191]
- Godfrey EL, Kueht ML, Rana A, Awad S. MELD-Na (the new MELD) and perioperative outcomes in emergency surgery. *Am J Surg.* 2018;216(3):407-413.
[PMID: 29871737]

Surgical Risk and Pregnancy:

- Hong J, Yang J, Zhang X, et al. Considering delay of cholecystectomy in the third trimester of pregnancy. *Surg Endosc.* 2021;35(8):4673-4680.
[PMID: 32875420]
- Fong ZV, Pitt HA, Strasberg SM, et al. Cholecystectomy during the third trimester of pregnancy: proceed or delay? *J Am Coll Surg.* 2019;228(4):494-502.e1.
[PMID: 30769111]



2021 Core Surgery Module: All References

- Luthra AK, Patel KP, Li F, et al. Endoscopic intervention and cholecystectomy in pregnant women with acute biliary pancreatitis decrease early readmissions. *Gastrointest Endosc.* 2019;89(6):1169-1177.e10.
[PMID:30503844]

Thyroid Cancer in a Patient with Multiple Co-Morbidities:

- ★ [Lohia S, Hanson M, Tuttle RM, Morris LGT. Active surveillance for patients with very low-risk thyroid cancer. *Laryngoscope Investiq Otolaryngol.* 2020;5\(1\):175-182.](#)
[PMID: 32128446]
- ★ [Francis GL, Waguespack SG, Bauer AJ, et al. Management guidelines for children with thyroid nodules and differentiated thyroid cancer. *Thyroid.* 2015;25\(7\):716-759.](#)
[PMID: 25900731]

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, McKeivitt 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.](#)
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