



## 2022 Core Surgery Module: All References

Below you will find the topics and their accompanying references for the 2022 Core Surgery Module for the General Surgery Continuous Certification Assessment. **Diplomates are neither required nor expected to read all of these references before or during the completion of the assessment.** The Key References are marked with a yellow star ★ below.

Please note that the American Board of Surgery (ABS) provides as many open-access articles to our diplomates as possible. While you are completing your assessment, many Key References will have a direct link to an article PDF purchased by the ABS in the exam platform. Due to limited permissions, we cannot provide links to article PDFs on this Reference Document, as it is not hosted on a secure browser. Article links on this document will take you to the journal page (website). We cannot guarantee that all article links will be open-access.

### Advanced Directives/Do-Not-Resuscitate Orders

- Ewanchuk M, Brindley PG. Perioperative do-not-resuscitate orders--doing 'nothing' when 'something' can be done. *Crit Care*. 2006;10(4):219. [PMID: [16834763](#)]
- John PR, Tisherman SA, Truog RD. Do not attempt resuscitation in the operating room: A misconstrued paradox? *J Am Coll Surg*. 2022;234(5):953-957. [PMID: [35426410](#)]
- ★ Shapiro ME, Singer EA. Perioperative advance directives: Do not resuscitate in the operating room. *Surg Clin North Am*. 2019;99(5):859-865. [PMID: [31446914](#)]

### Anesthesia and Enhanced Recovery

- ★ Carmichael JC, Keller DS, Baldini G, et al. Clinical practice guidelines for enhanced recovery after colon and rectal surgery from the American Society of Colon and Rectal Surgeons and Society of American Gastrointestinal and Endoscopic Surgeons. *Dis Colon Rectum*. 2017;60(8):761-784. [PMID: [28682962](#)]
- Jin Z, Gan TJ, Bergese SD. Prevention and treatment of postoperative nausea and vomiting (PONV): A review of current recommendations and emerging therapies. *Ther Clin Risk Manag*. 2020;16:1305-1317. [PMID: [33408475](#)]

### Anticoagulation

- ★ 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](#)]



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- Peck KA, Ley EJ, Brown CV, et al. Early anticoagulant reversal after trauma: a Western Trauma Association critical decisions algorithm. *J Trauma Acute Care Surg*. 2021;90(2):331-336. [PMID: [33055578](#)]

### Appendicitis

- Kave M, Parooie F, Salarzaei M. Pregnancy and appendicitis: A systematic review and meta-analysis on the clinical use of MRI in diagnosis of appendicitis in pregnant women. *World J Emerg Surg*. 2019;14:37. [PMID: [31367227](#)]
- ★ Smith MP, Katz DS, Lalani T, et al. ACR Appropriateness Criteria® right lower quadrant pain--suspected appendicitis. *Ultrasound Q*. 2015;31(2):85-91. [PMID: [25364964](#)]

### Cardiovascular Complications

- ★ Atkinson TM, Giraud GD, Togioka BM, Jones DB, Cigarroa JE. Cardiovascular and ventilatory consequences of laparoscopic surgery. *Circulation*. 2017;135(7):700-710. [PMID: [28193800](#)]

### Chest Tube Placement and Management

- Anderson D, Chen SA, Godoy LA, Brown LM, Cooke DT. Comprehensive review of chest tube management: A review. *JAMA Surg*. 2022;157(3):269-274. [PMID: [35080596](#)]
- ★ Pieracci FM, Burlew CC, Spain D, et al. Tube thoracostomy during the COVID-19 pandemic: Guidance and recommendations from the AAST Acute Care Surgery and Critical Care Committees. *Trauma Surg Acute Care Open*. 2020;5(1):e000498. [PMID: [32411822](#)]

### Colorectal Cancer

- ★ Genetic/Familial High-Risk Assessment: Colorectal (Version 1.2022). National Comprehensive Cancer Network. Published June 8, 2022. Accessed August 2, 2022. [https://www.nccn.org/professionals/physician\\_gls/pdf/genetics\\_colon.pdf](https://www.nccn.org/professionals/physician_gls/pdf/genetics_colon.pdf)
- Gillis C, Li C, Lee L, et al. Prehabilitation versus rehabilitation: A randomized control trial in patients undergoing colorectal resection for cancer. *Anesthesiology*. 2014;121(5):937-947. [PMID: [25076007](#)]
- ★ Li C, Carli F, Lee L, et al. Impact of a trimodal prehabilitation program on functional recovery after colorectal cancer surgery: A pilot study. *Surg Endosc*. 2013;27(4):1072-1082. [PMID: [23052535](#)]



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## Enteral/Parenteral Nutrition

- ★ Mehanna HM, Moledina J, Travis J. Refeeding syndrome: What it is, and how to prevent and treat it. *BMJ*. 2008;336(7659):1495-1498. [PMID: [18583681](#)]
- Preiser JC, Arabi YM, Berger MM, et al. A guide to enteral nutrition in intensive care units: 10 expert tips for the daily practice. *Crit Care*. 2021;25(1):424. [PMID: [34906215](#)]

## Geriatric: Decision-Making

- Cameron J, Cameron A. Surgical palliative care. *Current Surgical Therapy*. Elsevier; 2013:1204.
- De Roo AC, Vitous CA, Rivard SJ, et al. High-risk surgery among older adults: Not-quite shared decision-making. *Surgery*. 2021;170(3):756-763. [PMID: [33712309](#)]
- ★ Hatchimonji JS, Sisti DA, Martin ND. Surgical futility and patient-centered care: the effects of human nature in decision making. American College of Surgeons. Published November 1, 2016. Accessed August 2, 2022. <https://bulletin.facs.org/2016/11/surgical-futility-and-patient-centered-care-the-effects-of-human-nature-in-decision-making/>
- Oresanya LB, Lyons WL, Finlayson E. Preoperative assessment of the older patient: A narrative review. *JAMA*. 2014;311(20):2110-2120. [PMID: [24867014](#)]
- ★ Peschman J, Brasel KJ. End-of-life care of the geriatric surgical patient. *Surg Clin North Am*. 2015;95(1):191-202. [PMID: [25459551](#)]

## Geriatric: Frail Patients

- 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. [PMID: [27580947](#)]
- 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. [PMID: [29287123](#)]



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- 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](#)]
- ★ Panayi AC, Orkaby AR, Sakthivel 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](#)]

### Geriatric: Intensive Care Unit

- Menaker J, Scalea TM. Geriatric care in the surgical intensive care unit. *Crit Care Med*. 2010;38(9 Suppl):S452-S459. [PMID: [20724878](#)]
- ★ Rosenthal RA, Kavic SM. Assessment and management of the geriatric patient. *Crit Care Med*. 2004;32(4 Suppl):S92-S105. [PMID: [15064668](#)]

### Infection: *Clostridioides difficile*

- Johnson S, Louie TJ, Gerding DN, et al. Vancomycin, metronidazole, or tolevamer for *Clostridium difficile* infection: Results from two multinational, randomized, controlled trials. *Clin Infect Dis*. 2014;59(3):345-354. [PMID: [24799326](#)]
- Ma J, Dubberke E. Current management of *Clostridioides* (*Clostridium*) *difficile* infection in adults: A summary of recommendations from the 2017 IDSA/SHEA clinical practice guideline. *Pol Arch Intern Med*. 2019;129(3):189-198. [PMID: [30457126](#)]
- ★ McDonald LC, Gerding DN, Johnson S, et al. Clinical practice guidelines for *Clostridium difficile* infection in adults and children: 2017 update by the Infectious Diseases Society of America (IDSA) and Society for Healthcare Epidemiology of America (SHEA). *Clin Infect Dis*. 2018;66(7):987-994. [PMID: [29562266](#)]

### Infection: COVID-19

- 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. Updated February 22, 2022. Accessed August 2, 2022. <https://www.apsf.org/news-updates/asa-and-apsf-joint-statement-on-elective-surgery-and-anesthesia-for-patients-after-covid-19-infection/#table1>



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- 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](#)]
- ★ COVIDSurg Collaborative. Delaying surgery for patients with a previous SARS-CoV-2 infection. *Br J Surg*. 2020;107(12):e601-e602. [PMID: [32974904](#)]

### Infection: Intra-abdominal

- 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](#)]
- ★ 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](#)]

### Robotic Surgery

- Corrigan N, Marshall H, Croft J, Copeland J, Jayne D, Brown J. Exploring and adjusting for potential learning effects in ROLARR: A randomised controlled trial comparing robotic-assisted vs. standard laparoscopic surgery for rectal cancer resection. *Trials*. 2018;19(1):339. [PMID: [29945673](#)]
- Jayne D, Pigazzi A, Marshall H, et al. Effect of robotic-assisted vs conventional laparoscopic surgery on risk of conversion to open laparotomy among patients undergoing resection for rectal cancer: The ROLARR randomized clinical trial. *JAMA*. 2017;318(16):1569-1580. [PMID: [29067426](#)]
- Kim MJ, Park SC, Park JW, et al. Robot-assisted versus laparoscopic surgery for rectal cancer: A phase II open label prospective randomized controlled trial. *Ann Surg*. 2018;267(2):243-251. [PMID: [28549014](#)]
- ★ Phan K, Kahlaee HR, Kim SH, Toh JWT. Laparoscopic vs. robotic rectal cancer surgery and the effect on conversion rates: A meta-analysis of randomized controlled trials and propensity-score-matched studies. *Tech Coloproctol*. 2019;23(3):221-230. [PMID: [30623315](#)]
- Safiejko K, Tarkowski R, Koselak M, et al. Robotic-assisted vs. standard laparoscopic surgery for rectal cancer resection: A systematic review and meta-analysis of 19,731 patients. *Cancers (Basel)*. 2021;14(1):180. [PMID: [35008344](#)]

### Thromboelastography/Thromboelastometry



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- Abdelfattah K, Cripps MW. Thromboelastography and rotational thromboelastometry use in trauma. *Int J Surg*. 2016;33(Pt B):196-201. [PMID: [26384835](#)]
- Einersen PM, Moore EE, Chapman MP, et al. Rapid thrombelastography thresholds for goal-directed resuscitation of patients at risk for massive transfusion. *J Trauma Acute Care Surg*. 2017;82(1):114-119. [PMID: [27805995](#)]
- ★ Subramanian M, Kaplan LJ, Cannon JW. Thromboelastography-guided resuscitation of the trauma patient. *JAMA Surg*. 2019;154(12):1152-1153. [PMID: [31596452](#)]

### Trauma in Pregnancy

- American College of Surgeons Committee on Trauma. *ATLS Advanced Trauma Life Support®: Student Course Manual*. 10th ed. American College of Surgeons; 2018:227-239.
- ★ Murphy NJ, Quinlan JD. Trauma in pregnancy: assessment, management, and prevention. *Am Fam Physician*. 2014;90(10):717-722. [PMID: [25403036](#)]