

2023 Core Module General Surgery Continuous Certification Assessment

All References



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Below you will find the topics and their accompanying references for the 2023 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 Candidates as possible. While you are completing your assessment, Key References will have a direct link to a full-text article or an article PDF purchased by the ABS in the exam platform. Due to limited permissions, we cannot provide links to full-text articles or 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 article page on PubMed. We cannot guarantee that all article links will be open access on PubMed. **To view the full-text Key References prior to beginning your assessment, please log into the ABS surgeon portal and find the “My Continuous Certification” page. Under the “Assessments” tab, click on “Reference Documents”.**

The screenshot shows the 'My Continuous Certification' portal. At the top, there is a navigation bar with a gear icon, the text 'My Continuous Certification', and a 'MORE INFO' link. Below this, there are two tabs: 'Ongoing Requirements' with a count of 0, and 'Assessments (Examinations)' with a count of 1. The main content area is titled 'Register for Surgery Assessment' and contains a table with four rows, each with a dropdown arrow on the left and a status on the right.

Item	Status
Reference Documents	
Provide Digital Signature	NOT YET COMPLETED ○
Launch Assessment	NOT YET AVAILABLE ○
View Performance Report	NOT YET AVAILABLE ○

Anesthesia and Pharmacology

- ★ 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. doi:10.1097/DCR.0000000000000883 [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. doi:10.2147/TCRM.S256234 [PMID: [33408475](#)]

Anticoagulant Reversal

- ★ 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. doi:10.1002/ajh.25475 [PMID: [30916798](#)]
- 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. doi:10.1097/TA.0000000000002979 [PMID: [33055578](#)]

Ethical Choices and Reasoning

- ★ Disclosure checklist: AHRQ communication and optimal resolution toolkit. AHRQ. Updated August 2022. Accessed March 15, 2023. <https://www.ahrq.gov/patient-safety/settings/hospital/candor/modules/checklist5.html>
- Hart WM, Doerr P, Qian Y, McNaull PM. What constitutes effective team communication after an error?. *AMA J Ethics*. 2020;22(4):E298-E304. doi:10.1001/amajethics.2020.298 [PMID: [32345422](#)]

Goal Setting with Elderly Patients and Families

- ★ Bernacki RE, Block SD; American College of Physicians High Value Care Task Force. Communication about serious illness care goals: a review and synthesis of best

practices. *JAMA Intern Med.* 2014;174(12):1994-2003.
doi:10.1001/jamainternmed.2014.5271 [PMID: [25330167](#)]

Hernia Repair

- ★ Sæter AH, Fonnes S, Rosenberg J, Andresen K. Mortality after emergency versus elective groin hernia repair: a systematic review and meta-analysis. *Surg Endosc.* 2022;36(11):7961-7973. doi:10.1007/s00464-022-09327-2 [PMID: [35641700](#)]
- Schmidt L, Öberg S, Andresen K, Rosenberg J. Recurrence rates after repair of inguinal hernia in women: a systematic review. *JAMA Surg.* 2018;153(12):1135-1142. doi:10.1001/jamasurg.2018.3102 [PMID: [30383113](#)]

Hyperthermia

- Litman RS, Rosenberg H. Malignant hyperthermia: update on susceptibility testing. *JAMA.* 2005;293(23):2918-2924. doi:10.1001/jama.293.23.2918 [PMID: [15956637](#)]
- ★ Nelson TE, Flewellen EH. Current concepts. The malignant hyperthermia syndrome. *N Engl J Med.* 1983;309(7):416-418. doi:10.1056/NEJM198308183090706 [PMID: [6348539](#)]

Hyponatremia and Hypernatremia

- ★ Ellison DH, Berl T. Clinical practice. The syndrome of inappropriate antidiuresis. *N Engl J Med.* 2007;356(20):2064-2072. doi:10.1056/NEJMc066837 [PMID: [17507705](#)]

Infections - Bacterial, Common

- ★ Al-Jashaami LS, DuPont HL. Management of *Clostridium difficile* infection. *Gastroenterol Hepatol (NY).* 2016;12(10):609-616. [PMID: [27917075](#)]
- Evans L, Rhodes A, Alhazzani W, et al. Surviving sepsis campaign: international guidelines for management of sepsis and septic shock 2021. *Crit Care Med.* 2021;49(11):e1063-e1143. doi:10.1097/CCM.0000000000005337 [PMID: [34605781](#)]

- 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. doi:10.1093/cid/ciy149 [PMID: [29562266](#)]

Intra-abdominal Infections

- 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. doi:10.1089/sur.2016.261 [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. doi:10.1056/NEJMoa1411162 [PMID: [25992746](#)]

Levels of Evidence

- ★ Guyatt GH, Oxman AD, Kunz R, et al. Going from evidence to recommendations. *BMJ*. 2008;336(7652):1049-1051. doi:10.1136/bmj.39493.646875.AE [PMID: [18467413](#)]

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. doi:10.1136/bmj.a301 [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. doi:10.1186/s13054-021-03847-4 [PMID: [34906215](#)]

Pain, Acute - Management

- ★ Fiore JF Jr, El-Kefraoui C, Chay MA, et al. Opioid versus opioid-free analgesia after surgical discharge: a systematic review and meta-analysis of randomised trials. *Lancet*. 2022;399(10343):2280-2293. doi:10.1016/S0140-6736(22)00582-7 [PMID: [35717988](#)]

- Garimella V, Cellini C. Postoperative pain control. *Clin Colon Rectal Surg.* 2013;26(3):191-196. doi:10.1055/s-0033-1351138 [PMID: [24436674](#)]

Perioperative Management of the Patient on Corticosteroids

- ★ Hicks CW, Wick EC, Salvatori R, Ha CY. Perioperative corticosteroid management for patients with inflammatory bowel disease. *Inflamm Bowel Dis.* 2015;21(1):221-228. doi:10.1097/MIB.000000000000185 [PMID: [25208109](#)]
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- ★ Marik PE, Varon J. Requirement of perioperative stress doses of corticosteroids: a systematic review of the literature. *Arch Surg.* 2008;143(12):1222-1226. doi:10.1001/archsurg.143.12.1222 [PMID: [19075176](#)]

Perioperative Management of the Therapeutically Anticoagulated Patient

- ★ Shaw JR, Kaplovitch E, Douketis J. Periprocedural management of oral anticoagulation. *Med Clin North Am.* 2020;104(4):709-726. doi:10.1016/j.mcna.2020.02.005 [PMID: [32505262](#)]

Respecting Cultural Diversity and Individual Sensitivities

- ★ Sudol NT, Guaderrama NM, Honsberger P, Weiss J, Li Q, Whitcomb EL. Prevalence and nature of sexist and racial/ethnic microaggressions against surgeons and anesthesiologists. *JAMA Surg.* 2021;156(5):e210265. doi:10.1001/jamasurg.2021.0265 [PMID: [33760000](#)]
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Robotic Surgery - Principles

- Dhanani NH, Olavarria OA, Bernardi K, et al. The evidence behind robot-assisted abdominopelvic surgery: a systematic review. *Ann Intern Med.* 2021;174(8):1110-1117. doi:10.7326/M20-7006 [PMID: [34181448](#)]
- ★ 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. doi:10.1001/jama.2017.7219 [PMID: [29067426](#)]

Tests of Significance

- Ali Z, Bhaskar SB. Basic statistical tools in research and data analysis. *Indian J Anaesth.* 2016;60(9):662-669. doi:10.4103/0019-5049.190623 [PMID: [27729694](#)]
- ★ Bhandari P. Type 1 & type 2 errors: differences, examples, visualizations. Scribbr. Updated November 11, 2022. Accessed January 3, 2023. <https://www.scribbr.com/statistics/type-i-and-type-ii-errors/>

Thromboelastography-guided Resuscitation

- ★ 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. doi:10.1097/TA.0000000000001270 [PMID: [27805995](#)]
- Subramanian M, Kaplan LJ, Cannon JW. Thromboelastography-guided resuscitation of the trauma patient. *JAMA Surg.* 2019;154(12):1152-1153. doi:10.1001/jamasurg.2019.3136 [PMID: [31596452](#)]