



# 2022 Surgical Critical Care: All References

Below you will find the topics and their accompanying references for the 2022 Surgical Critical Care 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 not all references will be free-to-access at this time. The American Board of Surgery is working to provide diplomates with improved access to articles in future years by communicating with publishers and rightsholders.

## Abdominal Compartment Syndrome/Intra-abdominal Hypertension

- ★Lewis M, Benjamin ER, Demetriades D. Intra-abdominal hypertension and abdominal compartment syndrome. *Curr Probl Surg.* 2021;58(11):100971. [PMID: [34836571](#)]

## Acute Liver Failure

- Bernal W, Wendon J. Acute liver failure. *N Engl J Med.* 2013;369(26):2525-2534. [PMID: [24369077](#)]
- ★Jayalakshmi VT, Bernal W. Update on the management of acute liver failure. *Curr Opin Crit Care.* 2020;26(2):163-170. [PMID: [32068578](#)]

## Acute Pancreatitis

- ★Kanthasamy KA, Akshintala VS, Singh VK. Nutritional management of acute pancreatitis. *Gastroenterol Clin North Am.* 2021;50(1):141-150. [PMID: [33518160](#)]

## Acute Respiratory Distress Syndrome

- Acute Respiratory Distress Syndrome Network, Brower RG, Matthay MA, et al. Ventilation with lower tidal volumes as compared with traditional tidal volumes for acute lung injury and the acute respiratory distress syndrome. *N Engl J Med.* 2000;342(18):1301-1308. [PMID: [10793162](#)]
- Ashbaugh DG, Bigelow DB, Petty TL, Levine BE. Acute respiratory distress in adults. *Lancet.* 1967;2(7511):319-323. [PMID: [4143721](#)]
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- ★ National Heart, Lung, and Blood Institute Acute Respiratory Distress Syndrome (ARDS) Clinical Trials Network, Wiedemann HP, Wheeler AP, et al. Comparison of two fluid-management strategies in acute lung injury. *N Engl J Med.* 2006;354(24):2564-2575. [PMID: [16714767](#)]

## Anemia

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## Antithrombosis

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- ★ Kearon C, Akl EA, Ornelas J, et al. Antithrombotic therapy for VTE disease: CHEST guideline and expert panel report. *Chest.* 2016;149(2):315-352. [PMID: [26867832](#)]
- ★ Spyropoulos AC, Brohi K, Caprini J, et al. Scientific and Standardization Committee Communication: guidance document on the periprocedural management of patients on chronic oral anticoagulant therapy: recommendations for standardized reporting of procedural/surgical bleed risk and patient-specific thromboembolic risk. *J Thromb Haemost.* 2019;17(11):1966-1972. [PMID: [31436045](#)]
- Stevens SM, Woller SC, Kreuziger LB, et al. Antithrombotic therapy for VTE disease: second update of the CHEST guideline and expert panel report. *Chest.* 2021;160(6):e545-e608. [PMID: [34352278](#)]
- ★ Yorkgitis BK, Berndtson AE, Cross A, et al. American Association for the Surgery of Trauma/American College of Surgeons-Committee on Trauma clinical protocol for inpatient venous thromboembolism prophylaxis after trauma. *J Trauma Acute Care Surg.* 2022;92(3):597-604. [PMID: [34797813](#)]

## Atrial Fibrillation

- Drikite L, Bedford JP, O'Bryan L, et al. Treatment strategies for new onset atrial fibrillation in patients treated on an intensive care unit: a systematic scoping review. *Crit Care.* 2021;25(1):257. [PMID: [34289899](#)]



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- Hindricks G, Potpara T, Dagres N, et al. 2020 ESC guidelines for the diagnosis and management of atrial fibrillation developed in collaboration with the European Association for Cardio-Thoracic Surgery (EACTS): the Task Force for the diagnosis and management of atrial fibrillation of the European Society of Cardiology (ESC) developed with the special contribution of the European Heart Rhythm Association (EHRA) of the ESC. *Eur Heart J.* 2021;42(5):373-498. [PMID: [32860505](#)]
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## Burns

- ★MacLennan L, Moiemen N. Management of cyanide toxicity in patients with burns. *Burns.* 2015;41(1):18-24. [PMID: [24994676](#)]

## Cardiac Tamponade

- ★Spodick DH. Acute cardiac tamponade. *N Engl J Med.* 2003;349(7):684-690. [PMID: [12917306](#)]

## Cardiogenic Shock

- De Backer D, Biston P, Devriendt J, et al. Comparison of dopamine and norepinephrine in the treatment of shock. *N Engl J Med.* 2010;362(9):779-789. [PMID: [20200382](#)]
- Thiele H, Zeymer U, Neumann FJ, et al. Intraaortic balloon support for myocardial infarction with cardiogenic shock. *N Engl J Med.* 2012;367(14):1287-1296. [PMID: [22920912](#)]
- ★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](#)]

## Cerebrovascular Injury

- ★Kim DY, Biffl W, Bokhari F, et al. Evaluation and management of blunt cerebrovascular injury: a practice management guideline from the Eastern Association for the Surgery of Trauma. *J Trauma Acute Care Surg.* 2020;88(6):875-887. [PMID: [32176167](#)]



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## Fungal and Viral Infections

- ★ COVIDSurg Collaborative; GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia*. 2021;76(6):748-758. [PMID: [33690889](#)]
- Kuse ER, Chetchotisakd P, da Cunha CA, et al. Micafungin versus liposomal amphotericin B for candidaemia and invasive candidosis: a phase III randomised double-blind trial. *Lancet*. 2007;369(9572):1519-1527. [PMID: [17482982](#)]
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## Gastrointestinal Bleeding

- Krag M, Marker S, Perner A, et al. Pantoprazole in patients at risk for gastrointestinal bleeding in the ICU. *N Engl J Med*. 2018;379(23):2199-2208. [PMID: [30354950](#)]
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## Hyponatremia/Hypernatremia

- Hoorn EJ, Zietse R. Diagnosis and treatment of hyponatremia: compilation of the guidelines. *J Am Soc Nephrol.* 2017;28(5):1340-1349. [PMID: [28174217](#)]
- Rondon-Berrios H. Therapeutic relowering of plasma sodium after overly rapid correction of hyponatremia: what is the evidence? *Clin J Am Soc Nephrol.* 2020;15(2):282-284. [PMID: [31601554](#)]
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## Mechanical Ventilation

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## Nutritional Therapy



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## Organ Transplantation/Donation

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- Martin D, Koti R, Gurusamy K, et al. The cardiac output optimisation following liver transplant (COLT) trial: a feasibility randomised controlled trial. *HPB (Oxford).* 2020;22(8):1112-1120. [PMID: [31874736](#)]
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- ★Steinbrook R. Organ donation after cardiac death. *N Engl J Med.* 2007;357(3):209-213. [PMID: [17634455](#)]

## Pain Management and Sedation



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- Carver TW, Kugler NW, Juul J, et al. Ketamine infusion for pain control in adult patients with multiple rib fractures: results of a randomized control trial. *J Trauma Acute Care Surg.* 2019;86(2):181-188. [PMID: [30376537](#)]
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## Pneumothorax

- ★ de Moya M, Brasel KJ, Brown CVR, et al. Evaluation and management of traumatic pneumothorax: a Western Trauma Association critical decisions algorithm. *J Trauma Acute Care Surg.* 2022;92(1):103-107. [PMID: [34538823](#)]

## Pulmonary Artery Catheterization

- ★ Bell DJ. Pulmonary artery catheter. Radiopaedia. Published August 7, 2018. Accessed August 1, 2022. <https://radiopaedia.org/cases/pulmonary-artery-catheter?lang=us>
- Bootsma IT, Boerma EC, de Lange F, Scheeren TWL. The contemporary pulmonary artery catheter. Part 1: placement and waveform analysis. *J Clin Monit Comput.* 2021;10.1007/s10877-021-00662-8. [PMID: [33564995](#)]
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## Sepsis/Septic Shock

- Arulkumaran N, Khpal M, Tam K, Baheerathan A, Corredor C, Singer M. Effect of antibiotic discontinuation strategies on mortality and infectious complications in critically ill septic patients: a meta-analysis and trial sequential analysis. *Crit Care Med.* 2020;48(5):757-764. [PMID: [32191414](#)]



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## Thromboelastography/Thromboelastometry

- ★ Abdelfattah K, Cripps MW. Thromboelastography and rotational thromboelastometry use in trauma. *Int J Surg*. 2016;33(Pt B):196-201. [PMID: [26384835](#)]
- Da Luz LT, Nascimento B, Shankarakutty AK, Rizoli S, Adhikari NK. Effect of thromboelastography (TEG®) and rotational thromboelastometry (ROTEM®) on diagnosis of coagulopathy, transfusion guidance and mortality in trauma: descriptive systematic review. *Crit Care*. 2014;18(5):518. [PMID: [25261079](#)]

## Transfusion

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## Traumatic Brain Injury

- A definition of irreversible coma. Report of the ad hoc committee of the Harvard Medical School to examine the definition of brain death. *JAMA*. 1968;205(6):337-340. [PMID: [5694976](#)]
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## Ultrasonography for Critically-ill Patients

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## von Willebrand Disease

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