



## 2018 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.**

### Perioperative Management of the Patient on Corticosteroids

- ★ [Liu MM, Reidy AB, Saatee S, Collard CD. Perioperative steroid management: approaches based on current evidence. \*Anesthesiology\*. 2017;127\(1\):166-172.](#)  
[PMID 28452806]
- MacKenzie CR, Goodman SM. Stress-dose steroids: myths and perioperative medicine. *Curr Rheumatol Rep*. 2016;18(7):47.  
[PMID 27351679]
- ★ [Marik PE, Varon J. Requirement of perioperative stress doses of corticosteroids: a systematic review of the literature. \*Arch Surg\*. 2008;143\(12\):1222-1226.](#)  
[PMID 19075176]

### Perioperative Management of the Therapeutically Anticoagulated Patient

- ★ [Castellucci LA, Cameron C, Le Gal G, et al. Clinical and safety outcomes associated with treatment of acute venous thromboembolism: a systematic review and meta-analysis. \*JAMA\*. 2014;312\(11\):1122-1135.](#)  
[PMID 25226478]
- ★ [Douketis JD, Spyropoulos AC, Spencer FA, et al. Perioperative management of antithrombotic therapy: antithrombotic therapy and prevention of thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. \*Chest\*. 2012;141\(2 suppl\):e326S-e350S.](#)  
[PMID 22315266]
- Smith M, Wakam G, Wakefield T, Obi A. New trends in anticoagulation therapy. *Surg Clin North Am*. 2018;98(2):219-238.  
[PMID 29502768]
- ★ [Holbrook A, Schulman S, Witt DM, et al. Evidence-based management of anticoagulant therapy: antithrombotic therapy and prevention of thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. \*Chest\*. 2012;141\(2 suppl\):e152S-e184S.](#)  
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- Verma A, Ha ACT, Rutka JT, et al. What surgeons should know about non-vitamin K oral anticoagulants: A review. *JAMA Surg.* 2018 Apr18.  
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### Preoperative Assessment and Management of Cardiac Risk

- ★ [Fleisher LA, Fleischmann KE, Auerbach AD, et al. 2014 ACC/AHA guideline on perioperative cardiovascular evaluation and management of patients undergoing noncardiac surgery: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. \*Circulation.\* 2014;130\(24\):2215-2245.](#)  
[PMID 25085962]
- ★ [Frendl G, Sodickson AC, Chung MK, et al. 2014 AATS guidelines for the prevention and management of perioperative atrial fibrillation and flutter for thoracic surgical procedures. \*J Thorac Cardiovasc Surg.\* 2014;148\(3\):e153-193.](#)  
[PMID 25129609]
- ★ [Chebbout R, Heywood EG, Drake TM, et al. A systematic review of the incidence of and risk factors for postoperative atrial fibrillation following general surgery. \*Anaesthesia.\* 2018;73\(4\):490-498.](#)  
[PMID 29105078]

### Preoperative Assessment and Management of Pulmonary Risk

- ★ [Holubar SD, Hedrick T, Gupta R, et al. Perioperative Quality Initiative \(POQI\). American Society for Enhanced Recovery \(ASER\) and Perioperative Quality Initiative \(POQI\) joint consensus statement on prevention of postoperative infection within an enhanced recovery pathway for elective colorectal surgery. \*Periop Med \(Lond\).\* 2017;6:4.](#)  
[PMID 28270910]
- ★ [Smetana GW, Lawrence A, Cornell JE, et al. Preoperative pulmonary risk stratification for noncardiothoracic surgery: systematic review for the American College of Physicians. \*Ann Intern Med.\* 2006;144\(8\):581-595.](#)  
[PMID 16618955]

### Postoperative Delirium

- ★ [American Geriatrics Society Expert Panel on Postoperative Delirium in Older Adults. Postoperative delirium in older adults: best practice statement from the American Geriatrics Society. \*J Am Coll Surg.\* 2015;220\(2\):136-148.e1.](#)  
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- ★ [Johnson JR, Marcantonio ER. Correspondence: Delirium in hospitalized older adults. \*N Engl J Med.\* 2018;378\(1\):96-97.](#)  
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### Opioid Prescribing

- Fujii MH, Hodges AC, Russell RL, et al. Post-discharge opioid prescribing and use after common surgical procedures. *J Am Coll Surg*. 2018;226(6):1004-1012.  
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- ★ [Hill MV, Stucke RS, Billmeier SE, et al. Guideline for discharge opioid prescriptions after inpatient general surgical procedures. \*J Am Coll Surg\*. 2018;226\(6\):996-1003.](#)  
[PMID 29198638]
- ★ [Rudd RA, Aleshire N, Zibbell JE, et al. Increases in drug and opioid overdose deaths - United States, 2000-2014. \*MMWR Morb Mortal Wkly Rep\*. 2016;64\(50-51\):1378-1382.](#)  
[PMID 26720857]
- ★ [Rudd RA, Seth P, David F, et al. Increases in drug and opioid-involved overdose deaths - United States, 2010-2015. \*MMWR Morb Mortal Wkly Rep\*. 2016;65\(50-51\):1445-1452.](#)  
[PMID 28033313]

### Septic Shock

- ★ [Holst LB, Haase N, Wetterslev J, et al. Lower versus higher hemoglobin threshold for transfusion in septic shock. \*N Engl J Med\*. 2014;371\(15\):1381-1391.](#)  
[PMID: 25270275]
- ★ [Rhodes A, Evans LE, 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]
- ★ [Yealy DM, Kellum JA, Huang DT, et al. A randomized trial of protocol-based care for early septic shock. \*N Engl J Med\*. 2014;370\(18\):1683-1693.](#)  
[PMID 2463577]

### Effect of Surgery, Illness, and Injury on Nutritional Requirements

- ★ [McClave SA, Taylor BE, Martindale RG, et al. Guidelines for the provision and assessment of nutrition support therapy in the adult critically ill patient: Society of Critical Care Medicine \(SCCM\) and American Society for Parenteral and Enteral Nutrition \(A.S.P.E.N.\). \*JPEN J Parenter Enteral Nutr\*. 2016;40\(2\):159-211.](#)  
[PMID 26773077]
- Mogensen KM, Andrew BY, Corona JC, Robinson MK. Validation of the Society of Critical Care Medicine and American Society for Parenteral and Enteral Nutrition recommendations for caloric provision to critically ill obese patients: a pilot study. *JPEN J Parenter Enteral Nutr*. 2016;40(5):713-721.  
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## Ethical Issues in Clinical Surgery: End-of-Life Issues

- ★ [Annas G, Grodin M. Hospital ethics committees, consultants, and courts. \*AMA J Ethics\*. 2016;18\(5\):554-559.](#)  
[PMID 27213888]
- ★ [DeMartino ES, Dudzinsk DMi, Doyle CK, et al. Who decides when a patient can't? Statutes on alternate decision makers. \*N Engl J Med\*. 2017;376\(15\):1478-1482.](#)  
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- Dingfield LE, Kayser JB. Integrating advance care planning into practice. *Chest*. 2017;151(6):1387-1393.  
[PMID 28283409]

## Hypocalcemia and Hypercalcemia

- ★ [Mirrakhimov AE. Hypercalcemia of malignancy: an update on pathogenesis and management. \*North Am J Med Sci\*. 2015;7\(11\):483-493.](#)  
[PMID 26713296]
- ★ [Walsh J, Gittoes N, Selby P, et. al. Society for Endocrinology Endocrine Emergency Guidance: emergency management of acute hypercalcemia in adult patients. \*Endocr Connect\*. 2016;5\(5\):G9-G11.](#)  
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## Necrotizing Soft Tissue Infections

- Stevens DL, Bryant AE. Necrotizing soft-tissue infections. *N Engl J Med*. 2017;377(23):2253-2265.  
[PMID 29211672]
- Ingraham AM, Jung HS, Liepert AE, et al. Effect of transfer status on outcomes for necrotizing soft tissue infections. *J Surg Res*. 2017;220:372-378.  
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## Prevention of Surgical Site Infection

- ★ [Berríos-Torres SI, Umscheid CA, Bratzler DW, et al. Centers for Disease Control and Prevention guideline for the prevention of surgical site infection, 2017. \*JAMA Surg\*. 2017;152\(8\):784-791.](#)  
[PMID 28467526]
- ★ [Ramos M, Khalpey Z, Lipsitz S, et al. Relationship of perioperative hyperglycemia and postoperative infections in patients who undergo general and vascular surgery. \*Ann Surg\*. 2008;248\(4\):585-591.](#)  
[PMID 18936571]



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### Prophylaxis for Venous Thromboembolism

- ★ [Gould MK, Garcia DA, Wren SM, et al. Prevention of VTE in nonorthopedic surgical patients: antithrombotic therapy and prevention of thrombosis, 9th ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. \*Chest\*. 2012;141\(2 suppl\):e227S-e277S. \[PMID 22315263\]](#)
- ★ [Lyman GH, Bohlke K, Khorana AA, et al. Venous thromboembolism prophylaxis and treatment in patients with cancer: American Society of Clinical Oncology Clinical Practice Guideline Update 2014. \*J Clin Oncol\*. 2015;33\(6\):654-656. \[PMID 25605844\]](#)

### Palliative and Hospice Care

- ★ [National Hospice and Palliative Care Organization. Facts and Figures: Hospice Care in America. 2017 Ed.](#)
- ★ [Bakitas M, Lyons KD, Hegel MT, et al. Effects of a palliative care intervention on clinical outcomes in patients with advanced cancer: the Project ENABLE II randomized controlled trial. \*JAMA\*. 2009;302\(7\):741-749. \[PMID 19690306\]](#)
- ★ [Temel JS, Greer JA, El-Jawahri A, et al. Effects of early integrated palliative care in patients with lung and GI Cancer: a randomized clinical trial. \*J Clin Oncol\*. 2017;35\(8\):834-841. \[PMID 28029308\]](#)

### Wound Closure

- 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]
- ★ [Muysoms FE, Antoniou SA, Bury K, et al. European Hernia Society guidelines on the closure of abdominal wall incisions. \*Hernia\*. 2015;19\(1\):1-24. \[PMID 25618025\]](#)
- Patel SV, Paskar DD, Nelson RL, et al. Closure methods for laparotomy incisions for preventing incisional hernias and other wound complications. *Cochrane Database Syst Rev*. 2017;(11):CD005661. [PMID 29099149]



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## Mass Casualty Incident

- ★ [Butler FK. Military history of increasing survival: the U.S. military experience with tourniquets and hemostatic dressings in the Afghanistan and Iraq conflicts. \*J Spec Oper Med.\* 2015;15\(4\):149-152.](#)  
[PMID 26630110]
- Kragh JF Jr, Walters TJ, Baer DG, et al. Practical use of emergency tourniquets to stop bleeding in major limb trauma. *J Trauma.* 2008;64(2 suppl):S38-S49.  
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## Care of the Pregnant Patient

- American College of Surgeons. *Advanced Trauma Life Support.* 10th ed. 2018.
- ★ [Jain V, Chari E, Maslovitz S, et al. Guidelines for the management of a pregnant trauma patient. \*J Obstet Gynaecol Can.\* 2015;37\(6\):553-574.](#)  
[PMID 26334607]

## Central Venous Catheter Placement

- ★ [Kornbau C, Lee KC, Hughes GD, Firstenberg MS. Central line complications. \*Int J Crit Inj Sci.\* 2015;5\(3\):170-178.](#)  
[PMID 26557487]
- ★ [Gibson F, Bodenham A, et al. Misplaced central venous catheters: applied anatomy and practical management. \*Br J Anaeth.\* 2013;110\(3\):333-346.](#)  
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