



# 2019 Pediatric Surgery: Key References

Below you will find the topics and a selection of key references for the Pediatric Surgery Continuous Certification Assessment. References that are available open source are indicated with a green star ★ and the entire citation is a link. 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.**

To view all references, see [this page](#) of the ABS website.

## Anesthetic Complications

- ★ [Smart Tots Consensus Statement Supplement. November 2015.](#)

## Antibiotic Stewardship

Lee S, et al. Antibiotics and appendicitis in the pediatric population: an American Pediatric Surgical Association Outcomes and Clinical Trials Committee systematic review. *J Pediatr Surg.* 2010 Nov;45(11):2181-5. [[PMID: 21034941](#)]

## Appendicitis

- ★ [Georgiou R, Eaton S, Stanton MP, et al. Efficacy and safety of nonoperative treatment for acute appendicitis: a meta-analysis. \*Pediatrics.\* 2017;139\(3\). \[PMID 28213607\]](#)

## Biliary Atresia

- ★ [Bezerra J, et al. Use of corticosteroids after hepatoportoenterostomy for bile drainage in infants with biliary atresia: the START randomized clinical trial. \*JAMA.\* 2014 May 7;311\(17\):1750-9. \[PMID: 24794368\]](#)

## Burns

Gee Kee E, et al. Randomized controlled trial of three burn dressings for partial-thickness burns in children. *Burns.* 2015 Aug;41(5):946-55. [[PMID: 25687836](#)]

## *C. difficile* Infection

- ★ [McDonald L, 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. \*Clin Infect Dis.\* 2018 Mar 19;66\(7\):987-994. \[PMID: 29562266\]](#)

## Coagulation

- ★ [Gonzalez E, Moore EE, Moore HB. Management of trauma-induced coagulopathy with thromboelastography. \*Critic Care Clin.\* 2017; 33\(1\)119-134. \[PMID 27894492\]](#)



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## Complications of Laparoscopy

- ★ [Taylor SP, Hoffman GM. Gas embolus and cardiac arrest during laparoscopic pyloromyotomy in an infant. \*Can J Anaesth.\* 2010;57\(8\):774-778. \[PMID 20431981\]](#)

## Esophageal Foreign Bodies

- ★ [National Capital Poison Center Button Battery Ingestion Triage and Treatment Guideline](#)

## Extracorporeal Life Support

- ★ [Lamb PM, DiMuzio PJ, Johnson A, et al. Arterial protocol including prophylactic distal perfusion catheter decreases limb ischemia complications in patients undergoing extracorporeal membrane oxygenation. \*Journal of Vascular Surgery.\* 2017;65\(4\):1074-1079. \[PMID: 28342510\]](#)

## Fertility Preservation Principles

- ★ [Okay K, Harvey BE, et al. Fertility preservation in patients with cancer: ASCO clinical practice guideline update. \*J Clin Oncol.\* 2018;36\(19\). \[PMID 29620997\]](#)

## Fluid Resuscitation

Advanced Trauma Life Support® (ATLS®), 10th ed., 2018. American College of Surgeons.

## Fluids and Electrolytes

- ★ [Feld L, et al. Clinical Practice Guideline: Maintenance Intravenous Fluids in Children. \*Pediatrics.\* 2018 Dec;142\(6\). \[PMID: 30478247\]](#)

## Gastroesophageal Reflux

- ★ [Rosen R, Vandenplas Y, Singendonk M, et al. Pediatric gastroesophageal reflux clinical practice guidelines: joint recommendations of the North American Society of Pediatric Gastroenterology, Hepatology, and Nutrition and the European Society for Pediatric Gastroenterology, Hepatology, and Nutrition. \*JPGN.\* 2018;66\(3\):516-554. \[PMID: 29470322\]](#)

## Hepatoblastoma

Meyers R, et al. Hepatoblastoma state of the art: pre-treatment extent of disease, surgical resection guidelines and the role of liver transplantation. *Curr Opin Pediatr.* 2014 Feb;26(1):29-36. [[PMID: 24362406](#)]

## Mediastinal Mass

Lee HN, Yun SJ, Kim JI, et al. Diagnostic outcome and safety of CT-guided core needle biopsy for mediastinal masses: a systematic review and meta-analysis. *Eur Radiol.* 2019 Aug 15. Epub ahead of print. [[PMID: 31418086](#)]

## Nephroblastoma (Wilms' Tumor)

Millar A, Cox S, Davidson A. Management of bilateral Wilms tumors. *Pediatr Surg Int.* 2017 Jul;33(7):737-745. [[PMID: 28516188](#)]



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- ★ [Kieran K, Davidoff A. Nephron-sparing surgery for bilateral Wilms tumors. \*Pediatr Surg Int.\* 2015 Mar;31\(3\):229-36. \[PMID: 25633157\]](#)

[Heaton TE, Nathan JD, Doski JJ, Ehrlich PF. \*APSA Handbook for Children with Renal Tumors.\* Cancer Committee of the American Pediatric Surgical Association. Winter 2018.](#)

## Neuroblastoma

Avanzini S, Pio L, Erminio G, et al. Image-defined risk factors in unresectable neuroblastoma: SIOOPEN study on incidence, chemotherapy-induced variation, and impact on surgical outcomes. *Pediatr Blood Cancer.* 2017;64. [[PMID: 28440012](#)]

- ★ [Nuchtern JG, London WB, Barnewolt CE, et al. A prospective study of expectant observation as primary therapy for neuroblastoma in young infants: a Children's Oncology Group study. \*Ann Surg.\* 2012;256\(4\):573-560. \[PMID 22964741\]](#)

## Ovarian Torsion

Campbell B, et al. Current trends in the surgical treatment of pediatric ovarian torsion: we can do better. *J Pediatr Surg.* 2015 Aug;50(8):1374-7. [[PMID: 26026345](#)]

Gonzalez D, et al. Variability in surgical management of benign ovarian neoplasms in children. *J Pediatr Surg.* 2017 Jun;52(6):944-950. [[PMID: 28343661](#)]

## Pain Management

Korcherlakota, P. Neonatal abstinence syndrome. State of the art review article. *Pediatrics.* 2014 Aug;134(2). [[PMID: 25070299](#)]

- ★ [FDA Drug Safety Communication: FDA restricts use of prescription codeine pain and cough medicines and tramadol pain medicines in children; recommends against use in breastfeeding women. Content current as of March 8, 2018.](#)

## Pleuropulmonary Blastoma

- ★ [Haider F, et al. It's rare so be aware: pleuropulmonary blastoma mimicking congenital pulmonary airway malformation. \*Thorac Cardiovasc Surg Rep.\* 2017 Jan;6\(1\):e10-e14. \[PMID: 28405541\]](#)

## Pulmonary Airway Malformation, Congenital

Peranteau W, et al. Effect of single and multiple courses of maternal betamethasone on prenatal congenital lung lesion growth and fetal survival. *J Pediatr Surg.* 2016 Jan;51(1):28-32. [[PMID: 26526208](#)]

## Rhabdomyosarcoma

Dasgupta R, Fuchs J, Rodeberg D. Rhabdomyosarcoma. *Semin Pediatr Surg.* 2016;25(5):276-283. [[PMID 27955730](#)]



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- ★ [Missiaglia E, Williamson D, Chisholm J, et al. PAX3/FOXO1 fusion gene status is the key prognostic molecular marker in rhabdomyosarcoma and significantly improves current risk stratification. \*J Clin Oncol\*. 2012;30\(14\):1670-1677. \[PMID: 22454413\]](#)

Dangle PP, Correa A, Tennyson L, et al. Current management of paratesticular rhabdomyosarcoma. *Urol Oncol*. 2016;34(2):84-92. [[PMID: 26572723](#)]

## Rotational Anomalies

Graziano K, et al. Asymptomatic malrotation: diagnosis and surgical management: an American Pediatric Surgical Association outcomes and evidence-based practice committee systematic review. *J Pediatr Surg*. 2015 Oct;50(10):1783-90. [[PMID: 26205079](#)]

## Sepsis

- ★ [Levy MM, Evans LE, Rhodes A. Society of Critical Care Medicine \(SCCM\) and the European Society of Intensive Care Medicine \(ESICM\). Surviving Sepsis Campaign. Hour-1 Bundle. \*Crit Care Med\*. 2018 Jun;46\(6\):997-1000. \[PMID: 29767636\]](#)

## Teratoma

- ★ [Wang Y, et al. Analysis of recurrent sacrococcygeal teratoma in children: clinical features, relapse risks, and anorectal functional sequelae. \*Med Sci Monit\*. 2017 Jan 2;23:17-23. \[PMID: 28042962\]](#)

Hambraeus M, et al. Long-term outcome of sacrococcygeal teratoma: a controlled cohort study of urinary tract and bowel dysfunction and predictors of poor outcome. *J Pediatr*. 2018 Jul;198:131-136.e2. [[PMID: 29656864](#)]

## Testicular Tumor

Coppes MJ, Rackley R, Kay R. Primary testicular and paratesticular tumors of childhood. *Med Pediatr Oncol*. 1994;22(5):329-340. [[PMID: 8127257](#)]

## Thrombocytopenia

- ★ [Cuker A, Arepally GM, Chong BH, et al. American Society of Hematology 2018 guidelines for management of venous thromboembolism: heparin-induced thrombocytopenia. \*Blood Adv\*. 2018;2\(22\):3360-3392. \[PMID: 30482768\]](#)

## Trauma, Head

Kochanek P, et al. Guidelines for the management of pediatric severe traumatic brain injury, 3rd ed.: update of the Brain Trauma Foundation guidelines, executive summary. *Pediatr Crit Care Med*. 2019 Mar;20(3):280-289. [[PMID 30830016](#)]

Kuppermann N, Holmes FJ, Dayan PS, et al. Identification of children at very low risk of clinically-important brain injuries after head trauma: a prospective cohort study. *Lancet* (London, England). October 2009;374(9696):1160-1170. [[PMID: 19758692](#)]



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### Trauma, Hepatic

Gates R, et al. Nonoperative management of solid organ injuries in children: An American Pediatric Surgical Association Outcomes and Evidence-based Practice Committee systematic review. *J Pediatr Surg*. 2019 Jan 31. [[PMID: 30773395](#)]

### Trauma, Resuscitation

Advanced Trauma Life Support® (ATLS®), 10th ed., 2018. American College of Surgeons.