



# 2021 Pediatric Surgery: Key References

Below you will find the topics and a selection of key references for the 2021 Pediatric 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.**

To view all references for the Pediatric Surgery Assessment, see [this PDF](#).

## Abdominal Trauma, Blunt

- ★ [Arbra CA, Vogel AM, Plumblee L, et al. External validation of a five-variable clinical prediction rule for identifying children at very low risk for intra-abdominal injury after blunt abdominal trauma. \*J Trauma Acute Care Surg.\* 2018;85\(1\):71-77.](#)  
[PMID: 29659473]

## Biliary Atresia

- ★ [Harpavat S, Garcia-Prats JA, Anaya C, et al. Diagnostic yield of newborn screening for biliary atresia using direct or conjugated bilirubin measurements. \*JAMA.\* 2020;323\(12\):1141-1150.](#)  
[PMID: 32207797]
- ★ [Fawaz R, Baumann U, Ekong U, et al. Guideline for the evaluation of cholestatic jaundice in infants: joint recommendations of the North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition and the European Society for Pediatric Gastroenterology, Hepatology, and Nutrition. \*J Pediatr Gastroenterol Nutr.\* 2017;64\(1\):154-168.](#)  
[PMID: 27429428]

## Biliary Dyskinesia

- ★ [Cotton PB, Elta GH, Carter CR, Pasricha PJ, Corazziari ES. Rome IV. Gallbladder and sphincter of Oddi disorders \[published online ahead of print, 2016 Feb 19\]. \*Gastroenterology.\* 2016;S0016-5085\(16\)00224-9.](#)  
[PMID: 27144629]



# 2021 Pediatric Surgery: Key References

## Burns, Perioperative Nutrition

- ★ [Pham CH, Fang M, Vrouwe SQ, Kuza CM, Yenikomshian HA, Gillenwater J. Evaluating the safety and efficacy of intraoperative enteral nutrition in critically ill burn patients: a systematic review and meta-analysis. \*J Burn Care Res.\* 2020;41\(4\):841-848.](#)  
[PMID: 32147686]

## Circumcision

- ★ [Morris BJ, Moreton S, Krieger JN. Critical evaluation of arguments opposing male circumcision: a systematic review. \*J Evid Based Med.\* 2019;12\(4\):263-290.](#)  
[PMID: 31496128]

## Enhanced Recovery After Surgery (ERAS)

- ★ [Brindle ME, McDiarmid C, Short K, et al. Consensus guidelines for perioperative care in neonatal intestinal surgery: Enhanced Recovery After Surgery \(ERAS®\) society recommendations. \*World J Surg.\* 2020;44\(8\):2482-2492.](#)  
[PMID: 32385680]

## Esophageal Atresia/Transeoophageal Fistula

- ★ [Krishnan U, Mousa H, Dall'Oglio L, et al. ESPGHAN-NASPGHAN guidelines for the evaluation and treatment of gastrointestinal and nutritional complications in children with esophageal atresia-tracheoesophageal fistula. \*J Pediatr Gastroenterol Nutr.\* 2016;63\(5\):550-570.](#)  
[PMID: 27579697]
- ★ [Krishnan U, Mousa H, Dall'Oglio L, et al. ESPGHAN-NASPGHAN guidelines for the evaluation and treatment of gastrointestinal and nutritional complications in children with esophageal atresia-tracheoesophageal fistula. \*J Pediatr Gastroenterol Nutr.\* 2016;63\(5\):550-570.](#)  
[PMID: 27579697]

## Esophageal Injury, Caustic Ingestion

- Hoffman RS, Burns MM, Gosselin S. Ingestion of caustic substances. *N Engl J Med.* 2020;382(18):1739-1748.  
[PMID: 32348645]



# 2021 Pediatric Surgery: Key References

## Fertility Preservation in Cancer Patients

- ★ [Corkum KS, Rhee DS, Wafford QE, et al. Fertility and hormone preservation and restoration for female children and adolescents receiving gonadotoxic cancer treatments: a systematic review. \*J Pediatr Surg.\* 2019;54\(11\):2200-2209.](#)  
[PMID: 30773394]

## Foreign Body Aspiration

- ★ [Pitiot V, Grall M, Ploin D, Truy E, Ayari Khalfallah S. The use of CT-scan in foreign body aspiration in children: a 6 years' experience. \*Int J Pediatr Otorhinolaryngol.\* 2017;102:169-173.](#) [PMID: 29106868]

## Gastroesophageal Reflux Disease

- ★ [Vandenplas Y, Rudolph CD, Di Lorenzo C, et al. Pediatric gastroesophageal reflux clinical practice guidelines: joint recommendations of the North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition \(NASPGHAN\) and the European Society for Pediatric Gastroenterology, Hepatology, and Nutrition \(ESPGHAN\). \*J Pediatr Gastroenterol Nutr.\* 2009;49\(4\):498-547.](#)  
[PMID: 19745761]

## Inguinal Hernia

- Zuckerbraun BS, Cyr AR, Mauro CS. Groin pain syndrome known as sports hernia: a review. *JAMA Surg.* 2020;155(4):340-348.  
[PMID: 32022837]

## Intestinal Failure

- Duggan CP, Jaksic T. Pediatric intestinal failure. *N Engl J Med.* 2017;377(7):666-675.  
[PMID: 28813225]

## Intussusception, Ileocolic

- ★ [Litz CN, Amankwah EK, Polo RL, Sakmar KA, Danielson PD, Chandler NM. Outpatient management of intussusception: a systematic review and meta-analysis. \*J Pediatr Surg.\* 2019;54\(7\):1316-1323.](#)  
[PMID: 30503194]



# 2021 Pediatric Surgery: Key References

## Melanoma

- de la Fouchardiere A, Blokk W, van Kempen LC, et al. ESP, EORTC, and EURACAN expert opinion: practical recommendations for the pathological diagnosis and clinical management of intermediate melanocytic tumors and rare related melanoma variants [published online ahead of print, 2021 Jan 12]. *Virchows Arch*. 2021;10.1007/s00428-020-03005-1.

[PMID: 33432480]

- ★ [Kim J, Sun Z, Gulack BC, et al. Sentinel lymph node biopsy is a prognostic measure in pediatric melanoma. \*J Pediatr Surg\*. 2016;51\(6\):986-990.](#)

[PMID: 27041229]

## Neuroblastoma

- Overman RE, Kartal TT, Cunningham AJ, et al. Optimization of percutaneous biopsy for diagnosis and pretreatment risk assessment of neuroblastoma. *Pediatr Blood Cancer*. 2020;67(5):e28153.

[PMID: 32072730]

## Neuroendocrine Tumors

- ★ [PDQ Pediatric Treatment Editorial Board. Childhood Gastrointestinal Carcinoid Tumors Treatment \(PDQ®\): Health Professional Version. In: \*PDQ Cancer Information Summaries\*. National Cancer Institute \(US\); 2002.](#)

## Non-Accidental Trauma

- Wood JN, Hall M, Schilling S, Keren R, Mitra N, Rubin DM. Disparities in the evaluation and diagnosis of abuse among infants with traumatic brain injury. *Pediatrics*. 2010;126(3):408-414.

[PMID: 20713477]

## Pneumothorax

- ★ [Advanced Trauma Life Support® \(ATLS®\), 10th ed., 2018. American College of Surgeons.](#)
- ★ [Brown SGA, Ball EL, Perrin K, et al. Conservative versus interventional treatment for spontaneous pneumothorax. \*N Engl J Med\*. 2020;382\(5\):405-415.](#)

[PMID: 31995686]



# 2021 Pediatric Surgery: Key References

## Pre- and Perioperative Fasting

- ★ [Frykholm P, Schindler E, Sümpelmann R, Walker R, Weiss M. Preoperative fasting in children: review of existing guidelines and recent developments. \*Br J Anaesth.\* 2018;120\(3\):469-474.](#)  
[PMID: 29452803]

## Prenatal Counseling

- ★ [Puligandla PS, Grabowski J, Austin M, et al. Management of congenital diaphragmatic hernia: a systematic review from the APSA Outcomes and Evidence-Based Practice Committee. \*J Pediatr Surg.\* 2015;50\(11\):1958-1970.](#)  
[PMID: 26463502]
- [Haug S, Goldstein M, Cummins D, Fayard E, Merritt TA. Using patient-centered care after a prenatal diagnosis of trisomy 18 or trisomy 13: a review. \*JAMA Pediatr.\* 2017;171\(4\):382-387.](#)  
[PMID: 28192554]

## Race, Risk, and Complications

- ★ [Nafiu OO, Mpody C, Kim SS, Uffman JC, Tobias JD. Race, Postoperative complications and death in apparently healthy children. \*Pediatrics.\* 2020;146\(2\):e20194113.](#)  
[PMID: 32690804]

## Robot-Assisted Surgery

- ★ [Denning NL, Kallis MP, Prince JM. Pediatric robotic surgery. \*Surg Clin North Am.\* 2020;100\(2\):431-443.](#)  
[PMID: 32169188]

## Second Victim Syndrome

- ★ [Heiss K, Clifton M. The unmeasured quality metric: burnout and the second victim syndrome in healthcare. \*Semin Pediatr Surg.\* 2019;28\(3\):189-194.](#)  
[PMID: 31171156]

## Telemedicine for Surgical Care

- ★ [Leshner AP, Shah SR. Telemedicine in the perioperative experience. \*Semin Pediatr Surg.\* 2018;27\(2\):102-106.](#)  
[PMID: 29548350]



# 2021 Pediatric Surgery: Key References

## Testes, Undescended

- ★ [Kolon TF, Herndon CD, Baker LA, et al. Evaluation and treatment of cryptorchidism: AUA guideline. \*J Urol\*. 2014;192\(2\):337-345.](#)  
[PMID: 24857650]

## Thyroid Nodules

- ★ [Francis GL, Waguespack SG, Bauer AJ, et al. Management guidelines for children with thyroid nodules and differentiated thyroid cancer. \*Thyroid\*. 2015;25\(7\):716-759.](#)  
[PMID: 25900731]

## Trauma Resuscitation

- Dukleska K, Vinocur CD, Brenn BR, et al. Preoperative blood transfusions and morbidity in neonates undergoing surgery. *Pediatrics*. 2020;146(5):e20193718.  
[PMID: 33087550]
- ★ [Topjian AA, Raymond TT, Atkins D, et al. Part 4: Pediatric Basic and Advanced Life Support: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. \*Circulation\*. 2020;142\(16\)\(suppl 2\):S469-S523.](#)  
[PMID: 33081526]
- ★ [Maratta C, Potera RM, van Leeuwen G, Castillo Moya A, Raman L, Annich GM. Extracorporeal Life Support Organization \(ELSO\): 2020 pediatric respiratory ELSO guideline. \*ASAIO J\*. 2020;66\(9\):975-979.](#)  
[PMID: 32701626]
- ★ [Gonzalez E, Moore EE, Moore HB. Management of trauma-induced coagulopathy with thrombelastography. \*Crit Care Clin\*. 2017;33\(1\):119-134.](#)  
[PMID: 27894492]
- Leeper CM, Yazer MH, Triulzi DJ, Neal MD, Gaines BA. Whole blood is superior to component transfusion for injured children: a propensity matched analysis. *Ann Surg*. 2020;272(4):590-594.  
[PMID: 32932312]

## Vascular Anomalies

- ★ [Adams DM, Trenor CC 3rd, Hammill AM, et al. Efficacy and safety of sirolimus in the treatment of complicated vascular anomalies. \*Pediatrics\*. 2016;137\(2\):e20153257.](#)  
[PMID: 26783326]



# 2021 Pediatric Surgery: Key References

## Venous Thromboembolism Prophylaxis

- ★ [Mahajerin A, Petty JK, Hanson SJ, et al. Prophylaxis against venous thromboembolism in pediatric trauma: a practice management guideline from the Eastern Association for the Surgery of Trauma and the Pediatric Trauma Society. \*J Trauma Acute Care Surg.\* 2017;82\(3\):627-636.](#)  
[PMID: 28030503]
- ★ [Jaffray J, Witmer C, O'Brien SH, et al. Peripherally inserted central catheters lead to a high risk of venous thromboembolism in children. \*Blood.\* 2020;135\(3\):220-226.](#)  
[PMID: 31909784]