

## Cardiovascular Surgery

### Increased Aortic Stiffness and Left Ventricular Dysfunction Exist After Truncus Arteriosus Repair.

Stone ML, Schäfer M, von Alvensleben JC, Browne LP, Di Maria M, Campbell DN, Jagers J, Mitchell MB. *Ann Thorac Surg.* 2020 Dec 8:S0003-4975(20)32094-4. doi: 10.1016/j.athoracsur.2020.10.047. Online ahead of print.

### Neuroendocrine carcinomas of the head and neck: A small case series.

Mitchell MB, Kimura K, Chapurin N, Saab-Chaloub M, Mehrad M, Langerman A, Mannion K, Netterville J, Rohde S, Sinard R, Kim Y. *Am J Otolaryngol.* 2021 Feb 17;42(4):102992. doi: 10.1016/j.amjoto.2021.102992. Online ahead of print.

### Complement up-regulates Runx-2 to induce pro-fibrogenic change in aortic valve interstitial cells.

Deng XS, Meng X, Fullerton D, Stone M, Jagers J. *Ann Thorac Surg.* 2021 Feb 2:S0003-4975(21)00169-7. doi: 10.1016/j.athoracsur.2020.12.058. Online ahead of print.

## Dermatology

### Staphylococcal Hemolytic Potential Is Correlated with Increased Severity of Atopic Dermatitis in Children and Young Adults.

Gurnee EA, Xu M, Risener CJ, Lehman K, Nelson K, Swerlick RA, Quave CL. *J Invest Dermatol.* 2020 Dec 25:S0022-202X(20)32391-5. doi: 10.1016/j.jid.2020.11.023. Online ahead of print.

## Neurosurgery:

### Placement of leads for stereotactic electroencephalography without the use of anchor bolts: technical note.

Karsonovich T, Alexander A, Graber S, O'Neill BR. *J Neurosurg Pediatr.* 2020 Dec 18:1-6. doi: 10.3171/2020.7.PEDS20403. Online ahead of print.

### Predictors of fast and ultrafast shunt failure in pediatric hydrocephalus: a Hydrocephalus Clinical Research Network study.

Hauptman JS, Kestle J, Riva-Cambrin J, Kulkarni AV, Browd SR, Rozzelle CJ, Whitehead WE, Naftel RP, Pindrik J, Limbrick DD, Drake J, Wellons JC, Tamber MS, Shannon CN, Simon TD, Pollack IF, McDonald PJ, Krieger MD, Chu J, Hankinson TC, Jackson EM, Alvey JS, Reeder RW, Holubkov R; Hydrocephalus Clinical Research Network. *J Neurosurg Pediatr.* 2020 Dec 18:1-10. doi: 10.3171/2020.7.PEDS20111. Online ahead of print.

### Occipital-Cervical Fusion and Ventral Decompression in the Surgical Management of Chiari-1 Malformation and Syringomyelia: Analysis of Data From the Park-Reeves Syringomyelia Research Consortium.

CreveCoeur TS, Yahanda AT, Maher CO, Johnson GW, Ackerman LL, Adelson PD, Ahmed R, Albert GW, Aldana PR, Alden TD, Anderson RCE, Baird L, Bauer DF, Bierbrauer KS, Brockmeyer DL, Chern JJ, Couture DE, Daniels DJ, Dauser RC, Durham SR, Ellenbogen RG, Eskandari R, Fuchs HE, George TM, Grant GA, Graupman PC, Greene S, Greenfield JP, Gross NL, Guillaume DJ, Haller G, Hankinson TC, Heuer GG, Iantosca M, Iskandar BJ, Jackson EM, Jea AH, Johnston JM, Keating RF, Kelly MP, Khan N, Krieger MD, Leonard JR, Mangano FT, Mapstone TB, McComb JG, Menezes AH, Muhlbauer M, Oakes WJ, Olavarria G, O'Neill BR, Park TS, Ragheb J, Selden NR, Shah MN, Shannon C, Shimony JS, Smith J, Smyth MD, Stone SSD, Strahle JM, Tamber MS, Torner JC, Tuite GF, Wait SD, Wellons JC, Whitehead WE, Limbrick DD. *Neurosurgery.* 2021 Jan 13;88(2):332-341. doi: 10.1093/neuros/nyaa460.

### [Machine learning predicts risk of cerebrospinal fluid shunt failure in children: a study from the hydrocephalus clinical research network.](#)

Hale AT, Riva-Cambrin J, Wellons JC, Jackson EM, Kestle JRW, Naftel RP, **Hankinson TC**, Shannon CN; Hydrocephalus Clinical Research Network. *Childs Nerv Syst.* 2021 Jan 30. doi: 10.1007/s00381-021-05061-7. Online ahead of print.

### [Individual-patient prediction of meningioma malignancy and survival using the Surveillance, Epidemiology, and End Results database.](#)

Moreau JT, **Hankinson TC**, Baillet S, Dudley RWR. *NPJ Digit Med.* 2020 Jan 30;3(1):12. doi: 10.1038/s41746-020-0219-5.

### [Brain MRI volumetric measures of functional outcome after severe TBI in Adolescents.](#)

Ferrazzano P, Yeske B, Mumford J, Kirk G, Bigler ED PhD, Bowen K, O'Brien N, Rosario B, Beers SR, Rathouz P, Bell MJ, **Alexander AL**. *J Neurotrauma.* 2021 Jan 23. doi: 10.1089/neu.2019.6918. Online ahead of print.

### [Dural augmentation approaches and complication rates after posterior fossa decompression for Chiari I malformation and syringomyelia: a Park-Reeves Syringomyelia Research Consortium study.](#)

Yahanda AT, Adelson PD, Akbari SHA, Albert GW, Aldana PR, Alden TD, Anderson RCE, Bauer DF, Bethel-Anderson T, Brockmeyer DL, Chern JJ, Couture DE, Daniels DJ, Dlouhy BJ, Durham SR, Ellenbogen RG, Eskandari R, George TM, Grant GA, Graupman PC, Greene S, Greenfield JP, Gross NL, Guillaume DJ, **Hankinson TC**, Heuer GG, Iantosca M, Iskandar BJ, Jackson EM, Johnston JM, Keating RF, Krieger MD, Leonard JR, Maher CO, Mangano FT, McComb JG, McEvoy SD, Meehan T, Menezes AH, **O'Neill BR**, Olavarria G, Ragheb J, Selden NR, Shah MN, Shannon CN, Shimony JS, Smyth MD, Stone SSD, Strahle JM, Torner JC, Tuite GF, Wait SD, Wellons JC, Whitehead WE, Park TS, Limbrick DD. *J Neurosurg Pediatr.* 2021 Feb 12:1-10. doi: 10.3171/2020.8.PEDS2087. Online ahead of print.

## Ophthalmology:

### [A rare case of an isolated PAX6 mutation, aniridia, and Wilms tumor.](#)

Lind KT, **Cost NG**, Zegar K, Kuldaneck SA, Enzenauer RW, Schneider KW. *Ophthalmic Genet.* 2020 Dec 10:1-2. doi: 10.1080/13816810.2020.1852577. Online ahead of print.

## Orthopedics:

### [Mutations in KIF7 Implicated in Idiopathic Scoliosis in Humans and Axial Curvatures in Zebrafish.](#)

Terhune EA, Cuevas MT, Monley AM, Wethey CI, Chen X, Cattel MV, Bayrak MN, Bland MR, Sutphin B, Devon Trahan G, Taylor MRG, Niswander LA, Jones KL, Baschal EE, Antunes L, Dobbs M, Gurnett C, Appel B, Gray R, **Miller NH**. *Hum Mutat.* 2020 Dec 31. doi: 10.1002/humu.24162. Online ahead of print.

### [Presence and Perceptions of Menstrual Dysfunction and Associated Quality of Life Measures Among High School Female Athletes.](#)

**Armento A**, VanBaak K, Seehusen CN, **Sweeney EA**, **Wilson JC**, Howell DR. *J Athl Train.* 2021 Feb 24. doi: 10.4085/624-20. Online ahead of print.

### [Implementation of a Ponseti Clubfoot Program Decreases Major Surgery: A Quality Improvement Initiative.](#)

Carry PM, Graham S, Whalen K, Burke D, Baschal R, Holmes KS, Kohuth B, **Georgopoulos G**, **Miller NH**. *Pediatr Qual Saf.* 2020 Oct 23;5(6):e362. doi: 10.1097/pq9.0000000000000362. eCollection 2020 Nov-Dec

**Growth-friendly surgery results in more growth but a higher complication rate and unplanned returns to the operating room compared to single fusion in neuromuscular early-onset scoliosis: a multicenter retrospective cohort study.**

Li Y, Swallow J, Gagnier J, Cahill PJ, Sponseller PD, **Garg S**, Thompson GH, Ramo BA; Pediatric Spine Study Group. *Spine Deform.* 2021 Feb 8. doi: 10.1007/s43390-020-00270-7. Online ahead of print.

**A Comparison of Nonoperative and Operative Treatment of Type 2 Tibial Spine Fractures.**

Tibial Spine Research Group, Prasad N, Aoyama JT, Ganley TJ, Ellis HB Jr, Mistovich RJ, Yen YM, Fabricant PD, Green DW, Cruz AI Jr, McKay S, Kushare I, Schmale GA, **Rhodes JT**, Jagodzinski J, Sachleben BC, Sargent MC, Lee RJ. *Orthop J Sports Med.* 2021 Jan 22;9(1):2325967120975410. doi: 10.1177/2325967120975410. eCollection 2021 Jan.

## **Otolaryngology:**

**Socioeconomic and clinical factors influencing treatment selection in microtia and aural atresia.**

Ghadersohi S, Haville S, Hedman M, Adkisson K, Cooper E, Kaizer A, **Gitomer SA**, Kelley PE. *Int J Pediatr Otorhinolaryngol.* 2021 Feb;141:110551. doi: 10.1016/j.ijporl.2020.110551. Epub 2020 Dec 10

**Vascular and pulmonary comorbidities in children with congenital EA/TEF.**

Poore TS, Weinman JP, Handley E, **Wine T**, Helland S, Corbett B, Antonioli N, **Somme S**, Friedlander J, **Prager JD**, DeBoer EM. *Pediatr Pulmonol.* 2020 Dec 10. doi: 10.1002/ppul.25219. Online ahead of print.

**Systemic Bevacizumab for Treatment of Respiratory Papillomatosis: International Consensus Statement.**

Sidell DR, Balakrishnan K, Best SR, Zur K, Buckingham J, De Alarcon A, Baroody FM, Bock JM, Boss EF, Bower CM, Campisi P, Chen SF, Clarke JM, Clarke KD, Cocciaglia A, Cotton RT, Cuestas G, Davis KL, DeFago VH, Dikkers FG, Dossans I, Florez W, Fox E, Friedman AD, Grant N, Hamdi O, Hogikyan ND, Johnson K, Johnson LB, Johnson RF, Kelly P, Klein AM, Lawlor CM, Leboulanger N, Levy AG, Lam D, Licameli GR, Long S, Lott DG, Manrique D, McMurray JS, Meister KD, Messner AH, Mohr M, Mudd P, Mortelliti AJ, Novakovic D, Ongkasuwan J, Peer S, Piersiala K, **Prager JD**, Pransky SM, Preciado D, Raynor T, Rinkel RNPM, Rodriguez H, Rodríguez VP, Russell J, Scatolini ML, Scheffler P, Smith DF, Smith LP, Smith ME, Smith RJH, Sorom A, Steinberg A, Stith JA, Thompson D, Thompson JW, Varela P, White DR, Wineland AM, Yang CJ, Zdanski CJ, Derkay CS. *Laryngoscope.* 2021 Jan 6. doi: 10.1002/lary.29343. Online ahead of print.

**Expert Consensus Statement: Pediatric Drug-Induced Sleep Endoscopy.**

Baldassari CM, Lam DJ, Ishman SL, Chernobilsky B, **Friedman NR**, Giordano T, Lawlor C, Mitchell RB, Nardone H, Ruda J, Zalzal H, Deneal A, Dhepyasuwan N, Rosenfeld RM. *Otolaryngol Head Neck Surg.* 2021 Jan 5:194599820985000. doi: 10.1177/0194599820985000. Online ahead of print.

**Parental Perception of Weight Status for Adenotonsillectomy Patients.**

**Herrmann BW**, Campbell K, Meier M, Haemer M, Crowder R, Tholen K, Hoefner-Notz R, Nguyen T, **Friedman NR**. *Laryngoscope.* 2021 Feb 11. doi: 10.1002/lary.29445. Online ahead of print.

## **Pediatric & Adolescent Gynecology:**

**Neovagina stricture complicated by high-grade dysplasia in a patient with history of cloaca and ulcerative colitis: a case report and review of the literature.**

**Alaniz VI**, **Wilcox DT**, Arnold M, Bodmer JL, **de la Torre L**, **Peña A**, **Bischoff A**. *Pediatr Surg Int.* 2021 Jan 12. doi: 10.1007/s00383-020-04838-2. Online ahead of print.

### [Vulvar Aphthous Ulcer in an Adolescent With COVID-19.](#)

Christl J, **Alaniz VI**, Appiah L, **Buyers E**, **Scott S**, **Huguelet PS**. J Pediatr Adolesc Gynecol. 2021 Feb 15:S1083-3188(21)00122-4. doi: 10.1016/j.jpag.2021.02.098. Online ahead of print.

## **Pediatric Surgery:**

### [Neurons populating the rectal extrinsic nerves in humans express neuronal and Schwann cell markers.](#)

Woods C, Kapur RP, **Bischoff A**, Lovell M, Arnold M, **Peña A**, Flockton A, Sharkey KA, Belkind-Gerson J. Neurogastroenterol Motil. 2020 Dec 31:e14074. doi: 10.1111/nmo.14074. Online ahead of print.

### [Role of microRNAs in Pressure Ulcer Immune Response, Pathogenesis, and Treatment.](#)

Niemiec SM, Louiselle AE, **Liechty KW**, Zgheib C. Int J Mol Sci. 2020 Dec 23;22(1):64. doi: 10.3390/ijms22010064.

### [Elevated pediatric age-adjusted shock-index \(SIPA\) in blunt solid organ injuries.](#)

Phillips R, Meier M, Shahi N, **Acker S**, Reppucci M, Shirek G, Recicar J, **Moulton S**, **Bensard D**. J Pediatr Surg. 2020 Oct 24:S0022-3468(20)30771-5. doi: 10.1016/j.jpedsurg.2020.10.022. Online ahead of print.

### [Diversity, Equity, and Inclusion: A strategic priority for the American Pediatric Surgical Association.](#)

Morrison ZD, Reyes-Ferral C, Mansfield SA, Alemayehu H, Bowen-Jallow K, Tran S, Santos MC, **Bischoff A**, Perez N, Lopez ME, Langham MR Jr, Newman EA; Diversity, Equity, and Inclusion Committee of the American Pediatric Surgery Association. J Pediatr Surg. 2020 Dec 8:S0022-3468(20)30840-X. doi: 10.1016/j.jpedsurg.2020.11.011. Online ahead of print.

### [Vascular and pulmonary comorbidities in children with congenital EA/TEF.](#)

Poore TS, Weinman JP, Handley E, **Wine T**, Helland S, Corbett B, Antonioli N, **Somme S**, Friedlander J, **Prager JD**, DeBoer EM. Pediatr Pulmonol. 2020 Dec 10. doi: 10.1002/ppul.25219. Online ahead of print.

### [Congenital diaphragmatic hernias: Severe defect grade predicts the need for fundoplication.](#)

Guglielmetti LC, Estrada AE, Phillips R, Staerkle RF, Gien J, Kinsella JP, **Liechty KW**, Marwan AI, Vuille-Dit-Bille RN. Medicine (Baltimore). 2020 Dec 4;99(49):e23383. doi: 10.1097/MD.00000000000023383.

### [Letter to the Editor.](#)

**Bischoff A**, Torre L, **Peña A**. J Pediatr Surg. 2021 Jan 19:S0022-3468(21)00039-7. doi: 10.1016/j.jpedsurg.2021.01.019. Online ahead of print.

### [The effects of early anesthesia on neurodevelopment: A systematic review.](#)

Grabowski J, Goldin A, Arthur LG, Beres AL, Guner YS, Hu YY, Kawaguchi AL, Kelley-Quon LI, McAteer JP, Miniati D, Renaud EJ, Ricca R, Slidell MB, Smith CA, Sola JE, **Somme S**, Downard CD, Gosain A, Valusek P, St Peter SD, Jagannathan N<sup>1</sup>, Dasgupta R. J Pediatr Surg. 2021 Jan 19:S0022-3468(21)00014-2. doi: 10.1016/j.jpedsurg.2021.01.002. Online ahead of print.

### [Continuous local bupivacaine wound infusion reduces oral opioid use for acute postoperative pain control following myelomeningocele repair.](#)

Porter AC, Behrendt NJ, Zaretsky MV, **Liechty KW**, Wood C, Chow F, Galan HL. Am J Obstet Gynecol MFM. 2020 Dec 15;3(2):100296. doi: 10.1016/j.ajogmf.2020.100296. Online ahead of print.

### [Obstructive sleep apnea and early weight loss among adolescents undergoing bariatric surgery.](#)

Kaar JL, Morelli N, Russell SP, Talker I, Moore JM, **Inge TH**, Nadeau KJ, Hawkins SMM, Aloia MS, Simon SL. Surg Obes Relat Dis. 2020 Dec 17:S1550-7289(20)30708-5. doi: 10.1016/j.soard.2020.12.003. Online ahead of print.

**A review of adopted colorectal patients: a parent's perspective.**

Hall J, Schletker J, Judd-Glossy L, Edmonds T, Krause A, Simmons H, Ketzer J, **Peña A, De la Torre L, Bischoff A.** *Pediatr Surg Int.* 2021 Jan 21. doi: 10.1007/s00383-020-04837-3. Online ahead of print.

**Neovagina stricture complicated by high-grade dysplasia in a patient with history of cloaca and ulcerative colitis: a case report and review of the literature.**

**Alaniz VI, Wilcox DT,** Arnold M, Bodmer JL, **de la Torre L, Peña A, Bischoff A.** *Pediatr Surg Int.* 2021 Jan 12. doi: 10.1007/s00383-020-04838-2. Online ahead of print.

**Current practice of rectal biopsies for the diagnosis of Hirschsprung's disease in Latin America: an international online survey.**

Olivos M, Correa C, **De la Torre L.** *Pediatr Surg Int.* 2021 Jan 12. doi: 10.1007/s00383-020-04833-7. Online ahead of print.

**Analysis of patients' and caregivers' psychosocial functioning in colorectal conditions: comparison of diagnosis, gender, and developmental functioning.**

Judd-Glossy L, Ariefdjohan M, Ketzer J, Curry S, Schletker J, Edmonds T, Krause A, Simmons H, **Pena A, De La Torre L, Bischoff A.** *Pediatr Surg Int.* 2021 Jan 9. doi: 10.1007/s00383-020-04836-4. Online ahead of print.

**An overview of opioid usage and regional anesthesia for patients undergoing repair of anorectal malformation.**

Schletker J, Wiersch J, Ketzer J, Edmonds T, Krause A, Simmons H, **Peña A, De La Torre L, Bischoff A.** *Pediatr Surg Int.* 2021 Jan 7. doi: 10.1007/s00383-020-04841-7. Online ahead of print.

**Visualization of the fetal anus by prenatal ultrasound for the diagnosis of anorectal malformations: is it feasible?**

**Bischoff A,** Guimaraes CVA, Mirsky DM, Santos-Jasso KA, Zaretsky MV, Ketzer J, Hall J, Mueller C, **de La Torre L, Peña A,** Meyers ML. *Pediatr Surg Int.* 2021 Jan 5. doi: 10.1007/s00383-020-04840-8. Online ahead of print.

**Gastrostomy Button Placement in Infants With Cyanotic Versus Acyanotic Congenital Heart Disease.**

Shahi N, Phillips R, Meier M, Shirek G, Goldsmith A, Soden JS, Kaufman J, **Moulton S.** *J Surg Res.* 2021 Mar;259:407-413. doi: 10.1016/j.jss.2020.09.014. Epub 2020 Oct 21.

**Reply to letter to the editor.**

**Pena A, Bischoff A, de la Torre L.** *J Pediatr Surg.* 2021 Jan 26:S0022-3468(21)00081-6. doi: 10.1016/j.jpedsurg.2021.01.031. Online ahead of print.

**Reply to letter to the editor.**

Derderian SC, **Partrick D.** *J Pediatr Surg.* 2021 Feb 4:S0022-3468(21)00088-9. doi: 10.1016/j.jpedsurg.2021.01.038. Online ahead of print.

**A Cystic Renal Mass in the Setting of a Pneumothorax: More Than Meets the Eye?**

Han DS, Chalmers DJ, Greffe B, Garrington T, **Partrick D,** Lovell M, Schneider KW, **Cost NG.** *Urology.* 2021 Feb 9:S0090-4295(21)00158-8. doi: 10.1016/j.urology.2021.01.049. Online ahead of print.

**Cigarette Use and Adolescent Metabolic and Bariatric Surgery.**

Zeller MH, Kidwell KM, Reiter-Purtill J, Jenkins TM, Michalsky MP, Mitchell JE, Courcoulas AP, **Inge TH.** *Obesity (Silver Spring).* 2021 Mar;29(3):579-586. doi: 10.1002/oby.23084. Epub 2021 Feb 2.

**Outcomes of Bariatric Surgery in Older Versus Younger Adolescents.**

Ogle SB, Dewberry LC, Jenkins TM, **Inge TH,** Kelsey M, Bruzoni M, Pratt JSA. *Pediatrics.* 2021 Mar;147(3):e2020024182. doi: 10.1542/peds.2020-024182. Epub 2021 Feb 1.

## Plastic & Reconstructive Surgery:

### [Evolution of a Virtual Multidisciplinary Cleft and Craniofacial Team Clinic During the COVID-19 Pandemic: Children's Hospital Colorado Experience.](#)

Andrews M, Allen G, Alexander A, French B, Wilkinson C, Mason A. Cleft Palate Craniofac J. 2020 Dec 28;1055665620961904. doi: 10.1177/1055665620961904. Online ahead of print.

## Transplant:

### [Successful non-directed living liver donor transplant for an infant with biliary atresia during the COVID-19 pandemic.](#)

Feldman AG, Adams MA, Wachs ME, Abzug MJ, Pratscher L, Jackson WE, Pomfret EA, Sundaram SS. Pediatr Transplant. 2020 Dec;24(8):e13816. doi: 10.1111/petr.13816. Epub 2020 Aug 14.

## Urology:

### [A rare case of an isolated PAX6 mutation, aniridia, and Wilms tumor.](#)

Lind KT, Cost NG, Zegar K, Kuldaneck SA, Enzenauer RW, Schneider KW. Ophthalmic Genet. 2020 Dec 10:1-2. doi: 10.1080/13816810.2020.1852577. Online ahead of print.

### [Reply by Authors.](#)

Johnson EK, Chalmers DJ, Nelson CP, Li I, Iwaniuk M, Grant C, Byrd C, Rangel SJ, Saito JM, Barnhart DC, Hall BL, Vemulakonda VM, Groth TW, Ellison JS, Janzen NK, Hittelman AB, DiCarlo HN, Merguerian PA, Tanaka ST, Prasad MM. J Urol. 2021 Jan 27:101097JU000000000000143902. doi: 10.1097/JU.0000000000001439.02. Online ahead of print.

### [Ureteropelvic junction obstruction: diagnosis and management.](#)

Vemulakonda VM. Curr Opin Pediatr. 2021 Jan 18. doi: 10.1097/MOP.0000000000000994. Online ahead of print.

### [Functional constipation induces bladder overactivity associated with upregulations of Htr2 and Trpv2 pathways.](#)

Iguchi N, Carrasco A Jr, Xie AX, Pineda RH, Malykhina AP, Wilcox DT. Sci Rep. 2021 Jan 13;11(1):1149. doi: 10.1038/s41598-020-80794-0.

### [Neovagina stricture complicated by high-grade dysplasia in a patient with history of cloaca and ulcerative colitis: a case report and review of the literature.](#)

Alaniz VI, Wilcox DT, Arnold M, Bodmer JL, de la Torre L, Peña A, Bischoff A. Pediatr Surg Int. 2021 Jan 12. doi: 10.1007/s00383-020-04838-2. Online ahead of print.

### [A Cystic Renal Mass in the Setting of a Pneumothorax: More Than Meets the Eye?](#)

Han DS, Chalmers DJ, Greffe B, Garrington T, Partrick D, Lovell M, Schneider KW, Cost NG. Urology. 2021 Feb 9:S0090-4295(21)00158-8. doi: 10.1016/j.urology.2021.01.049. Online ahead of print.