

CCS Publications

July 2021 – September 2021

*Data pulled from Pubmed

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Cardiovascular Surgery

[Endocarditis Caused by Candida parapsilosis Presenting With Severe Thrombocytopenia in a Patient With Tetralogy of Fallot.](#)

Freddo AM, Mathur S, Dunlevy H, **Jaggers J**, Khanna A. World J Pediatr Congenit Heart Surg. 2021 Jul 26;21501351211008839. doi: 10.1177/21501351211008839. Online ahead of print.

[Coronary Artery Reimplantation and Berlin Heart EXCOR Rescue for Left Coronary Artery Atresia With Severe Ischemic Cardiomyopathy.](#)

Wilkinson D, Lin Y, Everett M, Auerbach S, Morgan G, **Mitchell MB**. World J Pediatr Congenit Heart Surg. 2021 Jul 15;21501351211024662. doi: 10.1177/21501351211024662. Online ahead of print.

[Diastolic inflow is associated with inefficient ventricular flow dynamics in Fontan patients.](#)

Stone ML, Schäfer M, DiMaria MV, von Alvensleben JC, Campbell DN, **Jaggers J**, **Mitchell MB**. J Thorac Cardiovasc Surg. 2021 Jul 17;S0022-5223(21)01113-2. doi: 10.1016/j.jtcvs.2021.06.064. Online ahead of print.

[Regional lung metabolic profile in a piglet model of cardiopulmonary bypass with circulatory arrest.](#)

Cooney SJ, Klawitter J, Khailova L, Robison J, **Jaggers J**, Ing RJ, Lawson S, Frank BS, Lujan SO, Davidson JA. Metabolomics. 2021 Sep 22;17(10):89. doi: 10.1007/s11306-021-01842-y.

[Validation of Point-of-Care Ultrasound to Measure Perioperative Edema in Infants With Congenital Heart Disease.](#)

Persson JN, Holstein J, Silveira L, Irons A, Rajab TK, **Jaggers J**, Twite MD, Scahill C, Kohn M, Gold C, Davidson JA. Front Pediatr. 2021 Aug 23;9:727571. doi: 10.3389/fped.2021.727571. eCollection 2021.

Dental

[Association Between Autism Spectrum Disorder and Dental Anomalies of the Permanent Dentition.](#)

Gandhi R, Ruxmohan S, **Puranik CP**. Pediatr Dent. 2021 Jul 15;43(4):307-312.

[Perception and outcomes after implementation of problem-based learning in predoctoral pediatric dentistry clinical education.](#)

Puranik CP, Pickett K, Randhawa J, de Peralta T. J Dent Educ. 2021 Oct 1. doi: 10.1002/jdd.12796. Online ahead of print.

Dermatology

[Persistent dysesthesias in involuted infantile hemangiomas: An uncommon complication in a common condition.](#)

Braun M, Metry D, Frieden IJ, Antaya RJ, Mancini AJ, **Kohn LL**. Pediatr Dermatol. 2021 Aug 2. doi: 10.1111/pde.14743. Online ahead of print.

[Anesthetic Management and Outcomes of Patients With Epidermolysis Bullosa: Experience at a Tertiary Referral Center.](#)

Brooks Peterson M, Strupp KM, Brockel MA, Wilder MS, Zieg J, **Bruckner AL**, Kaizer AM, Szolnoki JM. Anesth Analg. 2021 Sep 30. doi: 10.1213/ANE.0000000000005749. Online ahead of print.

Neurosurgery

[Vascularized Pericranial Flap as a Method to Prevent Persistent Skull Defects After Craniectomy for Sagittal Synostosis.](#)
Flores CA, French BM, Alexander AL, Graber S, Wittenberg B, Poppleton K, Wilkinson CC. *J Craniofac Surg.* 2021 Jul 6. doi: 10.1097/SCS.00000000000007851. Online ahead of print.

[Early implementation of stereoelectroencephalography in children: a multiinstitutional case series.](#)

Lepard JR, Kim I, Arynchyna A, Lew SM, Bollo RJ, O'Neill BR, Perry MS, Donahue D, Smyth MD, Blount J. *J Neurosurg Pediatr.* 2021 Sep 3:1-8. doi: 10.3171/2021.5.PEDS20923. Online ahead of print.

[International survey on the management of lumbosacral cutaneous stigmata in infants with suspected occult spinal dysraphism.](#)

Svokos K, Batista-Silverman L, Graber SJ, O'Neill BR, Handler MH. *J Neurosurg Pediatr.* 2021 Sep 3:1-8. doi: 10.3171/2021.5.PEDS2126. Online ahead of print.

[Risk factors for unchanged ventricles during pediatric shunt malfunction.](#)

Reynolds RA, Ahluwalia R, Krishnan V, Kelly KA, Lee J, Waldrop RP, Guidry B, Hengartner AC, McCroskey J, Arynchyna A, Staulcup S, Chen H, Hankinson TC, Rocque BG, Shannon CN, Naftel R. *J Neurosurg Pediatr.* 2021 Sep 24:1-7. doi: 10.3171/2021.6.PEDS2125. Online ahead of print.

[Comprehensive molecular characterization of pediatric radiation-induced high-grade glioma.](#)

DeSisto J, Lucas JT Jr, Xu K, Donson A, Lin T, Sanford B, Wu G, Tran QT, Hedges D, Hsu CY, Armstrong GT, Arnold M, Bhatia S, Flannery P, Lemma R, Hardie L, Schüller U, Venkataraman S, Hoffman LM, Dorris K, Mulcahy Levy JM, Hankinson TC, Handler M, Liu AK, Foreman N, Vibhakar R, Jones K, Allen S, Zhang J, Baker SJ, Merchant TE, Orr BA, Green AL. *Nat Commun.* 2021 Sep 20;12(1):5531. doi: 10.1038/s41467-021-25709-x.

[Comparison of subdural grid and stereoelectroencephalography in a cohort of pediatric patients.](#)

Talai A, Eschbach K, Stence NV, Palmer C, Bird W, Alexander A, O'Neill BR, Chapman KE, Joshi C. *Epilepsy Res.* 2021 Sep 10;177:106758. doi: 10.1016/j.epilepsyres.2021.106758. Online ahead of print.

[Real-World Preliminary Experience With Responsive Neurostimulation in Pediatric Epilepsy: A Multicenter Retrospective Observational Study.](#)

Nagahama Y, Zervos TM, Murata KK, Holman L, Karsonovich T, Parker JJ, Chen JS, Phillips HW, Fajardo M, Nariai H, Hussain SA, Porter BE, Grant GA, Ragheb J, Wang S, O'Neill BR, Alexander AL, Bollo RJ, Fallah A. *Neurosurgery.* 2021 Sep 15:nyab343. doi: 10.1093/neuros/nyab343. Online ahead of print.

[Comparison of the real-world effectiveness of vertical versus lateral functional hemispherotomy techniques for pediatric drug-resistant epilepsy: A post hoc analysis of the HOPS study.](#)

Fallah A, Lewis E, Ibrahim GM, Kola O, Tseng CH, Harris WB, Chen JS, Lin KM, Cai LX, Liu QZ, Lin JL, Zhou WJ, Mathern GW, Smyth MD, O'Neill BR, Dudley RWR, Ragheb J, Bhatia S, Delev D, Ramantani G, Zentner J, Wang AC, Dorfer C, Feucht M, Czech T, Bollo RJ, Issabekov G, Zhu H, Connolly M, Steinbok P, Zhang JG, Zhang K, Hidalgo ET, Weiner HL, Wong-Kisiel L, Lapalme-Remis S, Tripathi M, Sarat Chandra P, Hader W, Wang FP, Yao Y, Champagne PO, Brunette-Clément T, Guo Q, Li SC, Budke M, Pérez-Jiménez MA, Raftopoulos C, Finet P, Michel P, Schaller K, Stienen MN, Baro V, Cantillano Malone C, Pocięcha J, Chamorro N, Muro VL, von Lehe M, Vieker S, Oluigbo C, Gaillard WD, Al-Khateeb M, Al Otaibi F, Krayenbühl N, Bolton J, Pearl PL, Weil AG. *Epilepsia.* 2021 Sep 12. doi: 10.1111/epi.17021. Online ahead of print.

Ophthalmology

[Ocular Disorders in the Newborn](#)

Lauren C Mehner, Jasleen K Singh. Neoreviews. 2021 Jul;22(7):e461-e469. doi: 10.1542/neo.22-7-e461.

[Socioeconomics of retinopathy of prematurity screening and treatment in the United States.](#)

Bhatia SK, Siegel L, **Braverman R**, Enzenauer R, Granet DB, Robbins SL. J AAPOS. 2021 Aug;25(4):227.e1-227.e6. doi: 10.1016/j.jaapos.2021.03.014. Epub 2021 Jul 13.

[Physician Burnout in Ophthalmology: A National Survey.](#)

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Orthopedics

[Ultrasonic Bone Scalpel \(USBS\) Does Not Reduce Blood Loss During Posterior Spinal Fusion \(PSF\) in Patients with Adolescent Idiopathic Scoliosis \(AIS\): Randomized Clinical Trial.](#)

Garg S, Thomas J, Darland H, Kim E, Kittelson J, **Erickson M**, Carry P. Spine (Phila Pa 1976). 2021 Jul 1;46(13):845-851. doi: 10.1097/BRS.0000000000003990.

[When Should Instrumentation to the Pelvis be Considered in Minimally Ambulatory Adolescents With Neuromuscular Scoliosis?](#)

Douleh DG, Greig D, Thompson R, **Garg S**. J Pediatr Orthop. 2021 Jul 1;41(Suppl 1):S53-S58. doi: 10.1097/BPO.0000000000001821.

[More Physical Activity after Concussion Is Associated with Faster Return to Play among Adolescents.](#)

Seehusen CN, **Wilson JC**, Walker GA, Reinking SE, Howell DR. Int J Environ Res Public Health. 2021 Jul 9;18(14):7373. doi: 10.3390/ijerph18147373.

[Treatment of Kyphosis Arising Secondary to Laminectomy and Irradiation in the Pediatric Population.](#)

Rogers N, Selberg C, LaMotta C, Beebe C, Bloch N, **Erickson M**, **Donaldson NJ**. Orthopedics. 2021 Jul-Aug;44(4):e563-e569. doi: 10.3928/01477447-20210618-18. Epub 2021 Jul 1.

[Prediction of quadriceps tendon-patellar bone autograft diameter in adolescents with 2-dimensional magnetic resonance imaging and anthropometric measures.](#)

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[Outcomes of displaced adolescent distal third tibia fractures: can we do better?](#)

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[Reliability and Minimal Detectable Change for a Smartphone-Based Motor-Cognitive Assessment: Implications for Concussion Management.](#)

Howell DR, Seehusen CN, Wingerson MJ, **Wilson JC**, Lynall RC, Lugade V. J Appl Biomech. 2021 Jul 13:1-8. doi: 10.1123/jab.2020-0391. Online ahead of print.

[Neuromuscular training after concussion to improve motor and psychosocial outcomes: A feasibility trial.](#)

Howell DR, Seehusen CN, Walker GA, Reinking S, **Wilson JC**. Phys Ther Sport. 2021 Aug 28;52:132-139. doi: 10.1016/j.ptsp.2021.05.014. Online ahead of print.

[Myelopathic Patients Undergoing Severe Pediatric Spinal Deformity Surgery Can Improve Neurologic Function to That of Non-Myelopathic Patients by 1-Year Postoperative.](#)

Cerpa M, Zuckerman SL, Lenke LG, Kelly MP, Yaszay B, Newton P, Sponseller P, **Erickson M, Garg S**, Pahys J, Samdani A, Cahill P, McCarthy R, Bumpass D, Sucato D, Boachie-Adjei O, Shah S, Gupta M. *Global Spine J.* 2021 Aug 19;21925682211034837. doi: 10.1177/21925682211034837. Online ahead of print.

[Multi-day delay to care identified in pediatric trauma cases during COVID-19.](#)

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[Transitory kinesiphobia after sport-related concussion and its correlation with reaction time.](#)

Reinking S, Seehusen CN, Walker GA, **Wilson JC**, Howell DR. *J Sci Med Sport.* 2021 Jul 29;S1440-2440(21)00189-4. doi: 10.1016/j.jsams.2021.07.010. Online ahead of print.

[Pain Neuroscience Education Delivered by a Student Physical Therapist for a Patient with Persistent Musculoskeletal Pain.](#)

O'Connor M, Sillevs R, **Erickson MR.** *Am J Case Rep.* 2021 Aug 16;22:e932212. doi: 10.12659/AJCR.932212.

[Modified Clavien-Dindo-sink classification system for adolescent idiopathic scoliosis.](#)

Guissé NF, Stone JD, Keil LG, Bastrom TP, **Erickson MA**, Yaszay B, Cahill PJ, Parent S, Gabos PG, Newton PO, Glotzbecker MP, Kelly MP, Pahys JM, Fletcher ND. *Spine Deform.* 2021 Aug 5. doi: 10.1007/s43390-021-00394-4. Online ahead of print.

[Patient perception of dizziness and imbalance does not correlate with gait measures in adolescent athletes post-concussion.](#)

Smulligan KL, Wingerson MJ, Seehusen CN, Magliato SN, **Wilson JC**, Howell DR. *Gait Posture.* 2021 Sep 20;90:289-294. doi: 10.1016/j.gaitpost.2021.09.184. Online ahead of print.

[Symptom and clinical recovery outcomes for pediatric concussion following early physical activity.](#)

Krainin BM, Seehusen CN, Smulligan KL, Wingerson MJ, **Wilson JC**, Howell DR. *J Neurosurg Pediatr.* 2021 Sep 24:1-8. doi: 10.3171/2021.6.PEDS21264. Online ahead of print.

[Intersection of Surgical Injuries and Pain Interference Among Former Female Collegiate Gymnasts-R2.](#)

Ferber A, Howell DR, Seehusen CN, Tilley D, Casey E, **Sweeney EA.** *PM R.* 2021 Sep 9. doi: 10.1002/pmrj.12703. Online ahead of print.

Otolaryngology

[The role of CDHR3 in susceptibility to otitis media.](#)

Hirsch SD, Elling CL, Bootpetch TC, **Scholes MA**, Hafren L, **Streubel SO**, Pine HS, **Wine TM**, Szeremeta W, **Prager JD**, Einarsdottir E, Yousaf A, Baschal EE, Rehman S, Bamshad MJ, Nickerson DA, Riazuddin S, Leal SM, Ahmed ZM, **Yoon PJ**, Kere J, **Chan KH**, Mattila PS, **Friedman NR**, Chonmaitree T, Frank DN, Ryan AF, Santos-Cortez RLP. *J Mol Med (Berl).* 2021 Jul 28. doi: 10.1007/s00109-021-02118-7. Online ahead of print.

[Airway obstruction and inflammation on combined bronchoscopy in children with Down syndrome.](#)

Vielkind M, Wolter-Warmerdam K, Jackson A, Maybee J, Brown M, Friedlander J, **Friedman N**, Hickey F, Prager J, **Wine T**, DeBoer E. *Pediatr Pulmonol.* 2021 Sep;56(9):2932-2939. doi: 10.1002/ppul.25573. Epub 2021 Jul 20

[The Quest for a DISE Protocol.](#)

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[The risks of polytetrafluoroethylene pledget use in tracheopexy.](#)

Heslop G, Sowa L, Helland S, Corbett B, **Wine TM, Somme S, Prager JD**. Int J Pediatr Otorhinolaryngol. 2021 Oct;149:110859. doi: 10.1016/j.ijporl.2021.110859. Epub 2021 Jul 28.

[Tonsillectomy and hematologic malignancy: Should routine pediatric tonsillectomy specimens be sent to pathology?](#)

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[Pediatric Primary Tympanoplasty Outcomes With Autologous and Non-Autologous Grafts.](#)

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Pediatric & Adolescent Gynecology

[Transgender Medicine and Hormone Therapy: What the Gynecologist Needs to Know.](#)

Wilde M, **Huguelet P, Alaniz VI**. Clin Obstet Gynecol. 2021 Jul 21. doi: 10.1097/GRF.0000000000000646. Online ahead of print.

Pediatric Surgery

[Referral and utilization of paediatric bariatric surgery in an academic freestanding children's hospital with dedicated paediatric bariatric programme.](#)

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[Attitudes Affecting Decision-making for Use of Radiologic Enteral Contrast in the Management of Pediatric Adhesive Small Bowel Obstruction: A Survey Study of Pediatric Surgeons.](#)

Acker SN, Diaz-Miron J, Ignacio RC, Russell KW, Lofberg K, Shew SB, Peterson PN, Kelley-Quon LI, Jensen AR, Lee J, Padilla B, Smith CA, Kastenber JZ, Azarow KS, Ostlie DJ, Wang KS, Inge TH; Western Pediatric Surgery Research Consortium. J Surg Res. 2021 Jul 10;267:536-543. doi: 10.1016/j.jss.2021.06.004. Online ahead of print.

[Thrombelastography and Transfusion Patterns in Severely Injured Pediatric Trauma Patients with Blunt Solid Organ Injuries.](#)

Stevens J, Pickett K, Moore H, Reppucci ML, Phillips R, **Moulton S, Bensard D**. J Trauma Acute Care Surg. 2021 Aug 25. doi: 10.1097/TA.0000000000003392. Online ahead of print.

[Study protocol: a prospective controlled clinical trial to assess surgical or medical treatment for paediatric type 2 diabetes \(ST\(2\)OMP\).](#)

Shah AS, Helmrath MA, **Inge TH, Xanthakos SA, Kelsey MM, Jenkins T, Trout AT, Browne L, Nadeau KJ**. BMJ Open. 2021 Aug 13;11(8):e047766. doi: 10.1136/bmjopen-2020-047766.

[Nanoparticle mediated RNA delivery for wound healing.](#)

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[Does the mechanism matter? Comparing thrombelastography between blunt and penetrating pediatric trauma patients.](#)

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[Considering the value of online support groups for colorectal conditions: perspectives from caregivers and adult patients.](#)

Judd-Glossy L, Ariefdjohan M, Ketzer J, Matkins K, Schletker J, Krause A, Simmons H, **Pena A, De La Torre L, Bischoff A**. Pediatr Surg Int. 2021 Sep 25:1-12. doi: 10.1007/s00383-021-05021-x. Online ahead of print.

[The use of social media among the pediatric colorectal community.](#)

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Reppucci ML, Arnold MA, Lovell M, Santos-Jasso K, Ketzer J, **Pena A, de la Torre L, Bischoff A**. Pediatr Surg Int. 2021 Sep 23. doi: 10.1007/s00383-021-05023-9. Online ahead of print.

[Surgeon, patient, and caregiver perspective of pediatric surgical telemedicine in the COVID-19 pandemic era.](#)

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[Not as simple as ABC: Tools to Trigger Massive Transfusion in Pediatric Trauma.](#)

Phillips R, Shahi N, **Acker SN**, Meier M, Shirek G, Stevens J, Recicar J, **Moulton S, Bensard D**. J Trauma Acute Care Surg. 2021 Sep 16. doi: 10.1097/TA.0000000000003412. Online ahead of print.

[It is time for TEG in pediatric trauma: unveiling meaningful alterations in children who undergo massive transfusion.](#)

Phillips R, Moore H, **Bensard D**, Shahi N, Shirek G, Reppucci ML, Meier M, Recicar J, **Acker S, Kim J, Moulton S**. Pediatr Surg Int. 2021 Sep 17:1-8. doi: 10.1007/s00383-021-04944-9. Online ahead of print.

[The novel fetal MRI O/E CLV versus O/E LHR in predicting prognosis in congenital diaphragmatic hernias: can we teach an old dog new tricks?](#)

Phillips R, Shahi N, Meier M, Niemiec S, Ogle S, **Acker S**, Gien J, **Liechty KW**, Meyers ML, Marwan A. Pediatr Surg Int. 2021 Sep 9. doi: 10.1007/s00383-021-04936-9. Online ahead of print.

Plastic Surgery

[Vascularized Pericranial Flap as a Method to Prevent Persistent Skull Defects After Craniectomy for Sagittal Synostosis.](#)

Flores CA, **French BM, Alexander AL**, Graber S, Wittenberg B, Poppleton K, **Wilkinson CC**. J Craniofac Surg. 2021 Jul 6. doi: 10.1097/SCS.00000000000007851. Online ahead of print.

Urology

[A prospective survey study of lower urinary tract dysfunction in childhood cancer survivors after vincristine and/or doxorubicin chemotherapy.](#)

Hecht SL, Quach A, Gao D, Brazell A, Beltran G, Holbrook S, Gore L, Iguchi N, Malykhina A, **Wilcox D, Cost NG**. *Pediatr Blood Cancer*. 2021 Oct;68(10):e29226. doi: 10.1002/pbc.29226. Epub 2021 Jul 10.

[Testicular tumors in the pediatric patient.](#)

Jarvis H, **Cost NG**, Saltzman AF. *Semin Pediatr Surg*. 2021 Aug;30(4):151079. doi: 10.1016/j.sempedsurg.2021.151079. Epub 2021 Jul 14.

[Implementation and sustainability of an enhanced recovery pathway in pediatric bladder reconstruction: Flexibility, commitment, teamwork.](#)

Chan YY, Chu DI, Hirsch J, Kim S, Rosoklija I, Studer A, Brockel MA, Cheng EY, Raval MV, Burjek NE, **Rove KO**, Yerkes EB. *J Pediatr Urol*. 2021 Sep 4:S1477-5131(21)00395-8. doi: 10.1016/j.jpurol.2021.08.023. Online ahead of print.