

Published Research

1. Ackerman, J. P., Smestad, J. A., Tester, D. J., Qureshi, M. Y., Crabb, B. A., **Mendelsohn, N. J.**, & Ackerman, M. J. (2016). Whole exome sequencing, familial genomic triangulation, and systems biology converge to identify a novel nonsense mutation in TAB2-encoded TGF-beta activated Kinase 1 in a child with polyvalvular syndrome. *Congenital Heart Disease*, 11(5), 452-461.
2. Adams, J. A., Kellogg, N. D., Farst, K. J., Harper, N. S., Palusci, V. J., Frasier, L. D., **Levitt, C. J.**, Shapiro, R. A., Moles, R. L., & Starling, S. P. (2016). Updated guidelines for the medical assessment and care of children who may have been sexually abused. *Journal of Pediatric Adolescent Gynecology*, 29(2), 81-87.
3. Adler, A.C., Schwartz, E. R., **Waters, J. M.**, & Stricker, P. A. (2016). Anesthetizing a child for a large compressive mediastinal mass with distraction techniques and music therapies as the sole agents. *Journal of Clinical Anesthesia*, 35, 392-397.
4. Aldinger, K. A., **Mendelsohn, N. J.**, Chung, B. H., Zhang, W., Cohn, D. H., Fernandez, B., Alkuraya, F. S., Dobyns, W. B., & Curry, C. J. (2016). Variable brain phenotype primarily affects the brainstem and cerebellum in patients with osteogenesis imperfecta caused by recessive WNT1 mutations. *Journal of Medical Genetics*, 53(6), 427-430.
5. Alisic, E., Hoysted, C., Kassam-Adams, N., Landolt, M. A., Curtis, S., **Kharbanda, A. B.**, et al. (2016). Psychosocial care for injured children: Worldwide survey among hospital emergency department staff. *Journal of Pediatrics*, 170, 227-233.
6. **Arkilo, D.**, Devinsky, O., Mudigoudar, B., Boronat, S., Jennesson, M., Sassower, K., et al. (2016). Electroencephalographic patterns during sleep in children with chromosome 15q11.2-13.1 duplications (Dup15q). *Epilepsy Behavior*, 57, 133-136.
7. **Arkilo, D.**, Gustafson, M., & Ritter, F. J. (2016). Clinical experience of intravenous lacosamide in infants and young children. *European Journal of Paediatric Neurology*, 20(2), 212-217.
8. Bachur, R.G., Dayan, P.S., Dudley, N.C., Bajaj, L., Stevenson, M.D., Macias, C.G., Mittal, M. K., Bennett, J., Sinclair, K. Monuteaux, M.C., & **Kharbanda, A.B.** (2016). The influence of age on the diagnostic performance of white blood cell count and absolute neutrophil count in suspected pediatric appendicitis. *Academic Emergency Medicine*, 23(11), 1235-1242.
9. Ballard, R. A., Keller, R. L., Black, D. M., Ballard, P. L., Merrill, J. D., Eichenwald, E. C., Truog, W. E., **Mammel, M. C.**, Steinhorn, R. H., Rogers, E. E., Ryan, R. M., Durand, D. J., Asselin, J. M., Bendel, C. M., **Bendel-Stenzel, E. M.**, et al. (2016). Randomized trial of late surfactant treatment in ventilated preterm infants receiving inhaled nitric oxide. *Journal of Pediatrics*, 168, 23-29.
10. **Barnes, T.L.**, Pelletier, J.E., Erickson, D.J., Caspi, C.E., Harnack, L.J., & Laska, M.N. (2016). Healthfulness of foods advertised in small and nontraditional urban stores in Minneapolis-St. Paul, Minnesota, 2014. *Preventing Chronic Disease*, 13, E153.
11. Beaupin, L.K., **Bostrom, B.**, Barth, M. J., Franklin, I., Jaeger, R., Kamath, P., Schreiber, B., & Bleyer, A. (2016). Pegaspargase hypersensitivity reactions: intravenous infusion versus intramuscular injection - a review. *Leukemia & Lymphoma*, 19, 1-7.
12. **Bergmann, K. R., Flood, A., Kreykes, N. S., & Kharbanda, A. B.** (2016). Concussion among youth skiers and snowboarders: A review of the National Trauma Data Bank from 2009 to 2010. *Pediatric Emergency Care*, 32(1), 9-13.
13. **Bergmann, K. R., Milner, D. M., Voulgaropoulos, C., Cutler, G. J. & Kharbanda, A. B.** (2016). Optic nerve sheath diameter measurement during diabetic ketoacidosis: a pilot study. *Western Journal of Emergency Medicine*, 17(5), 531-41.
14. Bick, D., Fraser, P.C., Gutzeit, M. F., Harris, J.M., Hambuch, T. M., Helbling, D.C., Jacob, H. J., Kersten, J. N., Leuthner, S. R., May, T., North, P. E., Prisco, S. Z., Schuler, B. A., Shimoyama, M., Strong, K.A., Van Why, S. K., **Veith, R.**, et al. (2016). Successful application of whole genome sequencing in a medical genetics clinic. *Journal of Pediatric Genetics*, DOI <http://dx.doi.org/10.1055/s-0036-1593968>.
15. Bissler, J. J., Kingswood, J. C., Radzikowska, E., Zonnenberg, B. A., **Frost, M.**, Belousova, E.,...Budde, K. (2016). Everolimus for renal angiomyolipoma in patients with tuberous sclerosis complex or sporadic lymphangioliomyomatosis: Extension of a randomized controlled trial. *Nephrology Dialysis Transplant*, 31(1), 111-119.
16. **Bohm, L. A., Sidman, J. D., & Roby, B.** (2016). Early airway intervention for craniofacial anomalies. *Facial Plastic Surgery Clinics of North America*, 24(4), 427-436.

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17. **Brunnquell, D.**, & Michaelson, C. M. (2016). Moral hazard in pediatrics. *American Journal of Bioethetics*, 16(7), 29-38.
18. **Brunnquell, D.**, & Michaelson, C. M. (2016). Response to open peer commentaries on "Moral Hazard in Pediatrics". *American Journal of Bioethetics*, 16(8), W3-4.
19. Cantey, P. T., Weeks, J., Edwards, M., Rao, S., Ostovar, G. A., Dehority, W., Alzona, M., Swoboda, S., Christiaens, B., Ballan, W., Hartley, J., Terranella, A., Weatherhead, J., Dunn, J. J., Marx, D. P., Hicks, M. J., Rauch, R. A., Smith, C., **Dishop, M. K.**, et al. (2016). The Emergence of zoonotic onchocerca lupi infection in the United States - A case-series. *Clinical Infectious Disease*, 62(6), 778-783.
20. Carcao, M., Zak, M., Abdul Karim, F., Hanabusa, H., **Kearney, S.**, Lu, M. Y., et al. (2016). Nonacog beta pegol in previously treated children with hemophilia B: results from an international open-label phase 3 trial. *Journal of Thrombosis and Haemostasis*, 14(8), 1521-9.
21. **Cavanaugh, K., Read, L., Dreyfus, J., Johnson, M., & McNamara, J.** (2016). Association of poor sleep with behavior and quality of life in children and adolescents with cystic fibrosis. *Sleep and Biological Rhythms*, 14, 199.
22. Chang, P. W., Abidari, J. M., Shen, M. W., Greenhow, T. L., **Bendel-Stenzel, M.**, Roman, H. K., Biondi, E. A., & Schroeder, A. R., PRIS Bacteremic UTI Investigators. (2016). Urinary imaging findings in young infants with bacteremic urinary tract infection. *Hospital Pediatrics*, 6(11), 647-652.
23. Chen, L. H., Han, P. V., Wilson, M. E., Stoney, R. J., Jentes, E. S., **Benoit, C.**, Ooi, W. W., Barnett, E. D., & Hamer, D. H. (2016). Self-reported illness among Boston-area international travelers: A prospective study. *Travel Medicine & Infectious Disease*, 14(6), 604-613.
24. Chow, E. J., Anderson, L., Baker, K. S., Bhatia, S., Guilcher, G. M. T., Huang, J. T., Pelletier, W., **Perkins, J. L.**, et al. (2016). Late effects surveillance recommendations among survivors of childhood hematopoietic cell transplantation: A Children's Oncology Group report. *Biology of Blood Marrow Transplantation*, 22(5), 782-795.
25. Chowdary, P., **Kearney, S.**, Regnault, A., Hoxer, C. S., & Yee, D. L. (2016). Improvement in health-related quality of life in patients with haemophilia B treated with nonacog beta pegol, a new extended half-life recombinant FIX product. *Haemophilia*. 22(4), e267-74.
26. **Christensen, E. W., & Payne, N. R.** (2016). Effect of attribution length on the use and cost of health care for a pediatric Medicaid accountable care organization. *JAMA Pediatrics*, 170(2), 148-154.
27. **Christensen, E. W., & Payne, N. R.** (2016). Pediatric inpatient readmissions in an accountable care organization. *Journal of Pediatrics*, 170, 113-119.
28. Cohen, M. S., Eidem, B. W., Cetta, F., Fogel, M. A., Frommelt, P. C., Ganame, J., **Han, B. K.**, et al. (2016). Multimodality imaging guidelines of patients with transposition of the great arteries. *Journal of the American Society of Echocardiography*, 29(7), 571-621.
29. Crespín, D. J., Christianson, J. B., McCullough, J. S. & **Finch, M. D.** (2016). Health system consolidation and diabetes care performance at ambulatory clinics. *Health Services Research*, 51(5), 1772-95.
30. **Dreyfus, J., Flood, A., Cutler, G., Ortega, H., Kreykes, N., & Kharbanda, A.** (2016). Comparison of pediatric motor vehicle collision injury outcomes at Level I trauma centers. *Journal of Pediatric Surgery*, 51(10), 1693-9.
31. Expert Panel on Pediatric Imaging, Westra, S. J., Karmazyn, B. K., Alazraki, A. L., Dempsey, M. E., Dillman, J. R., Garber, M., Moore, S. G., **Raske, M. E.** et al. (2016). ACR appropriateness criteria fever without source or unknown origin-child. *Journal of the American College of Radiology*, 13(8), 922-30.
32. Feinberg, A., Hall, N. J., **Williams, G. M., Schultz, K. A.**, Miniati, D., Hill, D. A., Dehner, L. P., **Messinger, Y. H.**, & Langer, J. C. (2016). Can congenital pulmonary airway malformation be distinguished from Type I pleuropulmonary blastoma based on clinical and radiological features? *Journal of Pediatric Surgery*, 51(1), 33-37.
33. **Fife, A., Postier, A., Flood, A., & Friedrichsdorf, S. J.** (2016). Methadone conversion in infants and children: Retrospective cohort study of 199 pediatric inpatients. *Journal of Opioid Management*, 12(2), 123-130.
34. Fox, C. K., Kaizer, A. M., Rudser, K. D., Nathan, B. M., Gross, A. C., Sunni, M., **Abuzzahab, M. J.** et al. (2016). Meal replacements followed by topiramate for the treatment of adolescent severe obesity: A pilot randomized controlled trial. *Obesity*, 24(12), 2553-2561.
35. Franz, D. N., Belousova, E., Sparagana, S., Bebin, E. M., **Frost, M. D.**, et al. (2016). Long-term use of Everolimus in patients with tuberous sclerosis complex: Final results from the EXIST-1 study. *PLoS One*, 11(6), e0158476.
36. **Friedrichsdorf, S. J., Giordano, J., Desai, Dakoji, K., Warmuth, A., Daughtry, C., & Schulz, C. A.** (2016).

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- Chronic pain in children and adolescents: diagnosis and treatment of primary pain disorders in head, abdomen, muscles and joints. *Children (Basel)*, 3(4), E42.
37. **Friedrichsdorf, S. J., Sidman, J., & Krane, E. J.** (2016). Prevention and treatment of pain in children: Toward a paradigm shift. *Otolaryngology- Head and Neck Surgery*, 154(5), 804-805.
 38. Gardner, M., Boshart, M. L., Yeguez, C. E., **Desai, K. M.**, & Sandberg, D. E. (2016). Coming up short: Risks of bias in assessing psychological outcomes in growth hormone therapy for short stature. *Journal of Clinical Endocrinology & Metabolism*, 101(1), 23-30.
 39. **Gil, S., Hooke, M. C., & Niess, D.** (2016). The limited English proficiency patient family advocate role: Fostering respectful and effective care across language and culture in a pediatric oncology setting. *Journal of Pediatric Oncology Nursing*, 33(3), 190-198.
 40. **Gilchrist, L., & Tanner, L.** (2016). Gait patterns in children with cancer and vincristine neuropathy. *Pediatric Physical Therapy*, 28(1), 16-22.
 41. Goldman, A., LaFrance, W. C., Benke, T., Asato, M., Drane, D., Pack, A., Syed, T., **Doss, R.**, Lhatoo, S., Fureman, B., & Dingledin, R. (2016). 2014 Epilepsy Benchmarks Area IV: Limit or prevent adverse consequence of seizures and their treatment across the lifespan. *Epilepsy Currents*, 16, 198-2015.
 42. **Gossai, N.**, Brown, N. M., Ameduri, R., Zantek, N. D., Louis, J. S. & Steiner, M. E. (2016). Pediatric acquired von Willebrand Disease with Berlin heart excor ventricular assist device support. *World Journal for Pediatric & Congenital Heart Surgery*, 7(5), 614-8.
 43. **Gossai, N.**, Cafferty, R. & Weigel, B. (2016). Chemotherapy options for poor responders to neoadjuvant chemotherapy for orbital granulocytic sarcoma. *Current Treatment Options in Oncology*, 17(7), 38.
 44. Gregory, S., Kuntz, K., Sainfort, F., & **Kharbanda, A.** (2016). Cost-effectiveness of integrating a clinical decision rule and staged imaging protocol for diagnosis of appendicitis. *Value in Health*, 19(1), 28-35.
 45. **Han, B. K.**, Hlavacek, A. M., Kay, W. A., Pham, T. D. N., Grant, K., Garberich, R. F., Lesser, J. R. & Raman, S. V. (2016). Multi-institutional evaluation of the indications and radiation dose of functional cardiovascular computed tomography (CCT) imaging in congenital heart disease. *International Journal of Cardiovascular Imaging*, 32(2), 339-346.
 46. **Han, B. K., Moga, F. X., Overman, D.**, Carter, C., & Lesser, J.R. (2016). Diagnostic value of contrast-enhanced multiphase computed tomography for assessment of percutaneous pulmonary valve obstruction. *Annals of Thoracic Surgery*, 101(4), e115-116.
 47. **Han, B. K.**, Taylor, M., **Baker, C.**, Grant, K., **Lesser, J.** & **Overman, D.** (2016). Computed tomography angiography for assessment of anatomy through all stages of single ventricle palliation. *Journal of the American College of Cardiology*, 67(13S), 1757.
 48. Hanson, L., Haas, M., Bronfort, G., Vavrek, D., **Schulz, C.**, et al. (2016). Dose-response of spinal manipulation for cervicogenic headache: study protocol for a randomized controlled trial. *Chiropractic & Manual Therapies*, 24, 23.
 49. Hardies, K., Cai, Y., Jardel, C., Jansen, A. C., Cao, M., May, P., Djemie, T., Hachon L. C., Keymolen, K. Deconinck, T., **Bhambhani, V.**, et al. (2016). Loss of SYNJ1 dual phosphatase activity leads to early onset refractory seizures and progressive neurological decline. *Brain*, 139(9), 2420-30.
 50. Heinen, C. A., Jongejan, A., Watson, P. J., Redeker, B., Boelen, A., Boudzovitch-Surovtseva, O., Forzano, F., Hordijk, R., Kelley, R., Olney, A. H., **Pierpont, M. E.**, & Hennekam, R. C. (2016). A specific mutation in TBL1XR1 causes Pierpont syndrome. *Journal of Medical Genetics*, 53(5), 330-337.
 51. Helbig, K. L., Hedrich, U. B., Shinde, D. N., Krey, I., Teichmann, A. C., Hentschel, J., Schubert, J. Chamberlin, A. C., Huether, R., Lu, H. M., Alcaraz, W. A., Tang, S., **Jungbluth, C., Dugan, S. L.**, et al. (2016). A recurrent mutation in KCNA2 as a novel cause of hereditary spastic paraplegia and ataxia. *Annals of Neurology*, 80(4).
 52. **Herriage, T., Hooke, M. C.**, Streifel, A., & Slaker, B. (2016). Utilization of an intravenous line lifter within a pediatric oncology population. *Journal of Pediatric Oncology Nursing*, 33(2), 105-110.
 53. Hickey, R. D., Mao, S. A., Glorioso, J., Elgilani, F., Amiot, B., Chen, H., . . . **Lilligard, J. B.**, Russell, S. J. & Nyberg, S. L. (2016). Curative ex vivo liver-directed gene therapy in a pig model of hereditary tyrosinemia type 1. *Science Translational Medicine*, 8(349), 349ra399.
 54. Holland, C. M., **Kebriaei, M. A.**, & Wrubel, D. M. (2016). Posterior cervical spinal fusion in a 3-week-old infant with a severe subaxial distraction injury. *Journal of Neurosurgery Pediatrics*. 17(3), 353-356.
 55. **Hooke, M. C., Gilchrist, L., Foster, L., Langevin, M., & Lee, J.** (2016). Yoga for children and adolescents after completing cancer treatment. *Journal of Pediatric Oncology Nursing*, 33(1), 64-73.

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56. **Hooke, M. C., Gilchrist, L., Tanner, L.,** Hart, N., & Withycombe, J. S. (2016). Reply: Interplay between physical activity and sleep in fatigue modulation of cancer patients. *Pediatric Blood Cancer*, 63(9), 1686.
57. **Hooke, M. C., Gilchrist, L., Tanner, L.,** Hart, N., & Withycombe, J. S. (2016). Use of a fitness tracker to promote physical activity in children with acute lymphoblastic leukemia. *Pediatric Blood Cancer*, 63(4), 684-689.
58. Hsu, D., Nypaver, M., Fein, D.M., McAneney, C., Santen, S., Nagler, J.,... **Madhok M,** Kou M. (2016). Essentials of PEM fellowship part 2: The profession in entrustable professional activities. *Pediatric Emergency Care*, 32(6), 410-418.
59. Hu, T., Jacobs, D. R. Jr., Larson, N. I., **Cutler, G. J.,** Laska, M. N., & Neumark-Sztainer, D. (2016). Higher diet quality in adolescence and dietary improvements are related to less weight gain during the transition from adolescence to adulthood. *Journal of Pediatrics*, 178, 188-193.
60. Introne, W. J., Westbroek, W., Cullinane, A. R., Groden, C. A., **Bhambhani, V.,** et al. (2016). Neurologic involvement in patients with atypical Chediak-Higashi disease. *Neurology*, 86(14), 1320-1328.
61. Jacobs, J. P., He, X., Mayer, J. E., Jr., Austin, E. H., 3rd, Quintessenza, J. A., Karl, T. R., Vricella, L., Mavroudis, C., O'Brien, S. M., Pasquali, S. K., Hill, K. D., Husaine, S. A., **Overman, D. M.,** et al. (2016). Mortality trends in pediatric and congenital heart surgery: An analysis of The Society of Thoracic Surgeons congenital heart surgery database. *Annals of Thoracic Surgery*, 102(4), 1345-1352.
62. Jacobs, J. P., Mayer, J. E. Jr., Mavroudis, C., O'Brien, S. M., Austin, E. H., Pasquali, S. K., Hill, K. D., He, X., **Overman, D. M.,** et al. (2016). The Society of Thoracic Surgeons congenital heart surgery database: 2016 update on outcomes and quality. *Annals of Thoracic Surgery*, 101(3), 850-862.
63. **Jacobson, K., & Hooke, M. C.** (2016). Telehealth videoconferencing for children with hemophilia and their families: A clinical project. *Journal of Pediatric Oncology Nursing*, 33(4), 282-288.
64. Jimenez-Yuste, V., Oldenburg, J., Rangarajan, S., **Kurth, M. H.,** Bozzo, J., & Santagostino, E. (2016). Clinical overview of fanhdi/alphante (plasma-derived, VWF-containing FVIII concentrate) in immune tolerance induction in haemophilia A patients with inhibitors. *Haemophilia*, 22(1), e71-74.
65. **Johnson, D. E.** (2016). Extremely preterm infant skin care: A transformation of practice aimed to prevent harm. *Advances in Neonatal Care*, 16 Suppl 5S, S26-S32.
66. Johnson, J. R., Davis, G., Clabots, C., Johnston, B. D., Porter, S., DebRoy, C., **Pomputius, W.,** et al. (2016). Household clustering of Escherichia coli sequence type 131 clinical andecal isolates according to whole genome sequence analysis. *Open Forum Infectious Diseases*, 3(3), ofw129.
67. Johnson, R. M., Bergmann, K. R., Manaloor, J. J., Yu, X., Slaven, J. E., & **Kharbanda, A. B.** (2016). Pediatric Kawasaki disease and adult human immunodeficiency virus Kawasaki-like syndrome are likely the same malady. *Open Forum Infectious Diseases*, 3(3), ofw160.
68. **Kharbanda, A. B., Madhok, M., Krause, E.,** Vazquez-Benitez, G., Kharbanda, E. O., Mize, W., & Schmeling, D. (2016). Implementation of electronic clinical decision support for pediatric appendicitis. *Pediatrics*, 137(5).
69. **Knighton, A. J., Payne, N. R.,** & Speedie, S. (2016). Do pediatric patients who receive care across multiple health systems have higher levels of repeat testing? *Population Health Management*, 19(2), 102-108.
70. **Knighton, A. J., Payne, N. R.,** & Speedie, S. (2016). Lead testing in a pediatric population: Underscreening and problematic repeated tests. *Journal of Public Health Management Practice*, 22(4), 331-337.
71. Koolen, D. A., Pfundt, R., Linda, K., Beunders, G., Veenstra-Knol, H. E., Conta, J. H., Fortuna, A. M., Gillissen-Kaesbach, G., **Dugan, S.,** et al. (2016). The Koolen-de Vries syndrome: A phenotypic comparison of patients with a 17q21.31 microdeletion versus a KANSL1 sequence variant. *European Journal of Human Genetics*, 24(5), 652-659.
72. **Kunin-Batson, A. S., Lu, X.,** Balsamo, L. Braber, K., Devidas, M., Hunger, S. P., et al. (2016.) Prevalence and predictors of anxiety and depression after completion of chemotherapy for childhood acute lymphoblastic leukemia: A prospective longitudinal study. *Cancer*, 122(10), 1608-1617.
73. Lahiri, T., Hempstead, S. E., **Brady, C.,** Cannon, C.L., Clark, K., Condren, M. E., et al. (2016). Clinical practice guidelines from the Cystic Fibrosis Foundation for preschoolers with cystic fibrosis. *Pediatrics*, 137(4).
74. Lemke, J.R., Geider, K., Helbig, K.L., Heyne, H.O., Schutz, H., Hentschel, J., Courage, C., Depienne, C., Nava, C., Heron, D., Moller, R. S., Hjalgrim, H., Lal, D., Neubauer, B. A., Nurnberg, P., Thiele, H., Kurlmann, G., Arnold, G.L., **Bhambhani, V.,** et al. (2016). Delineating the GRIN1 phenotypic spectrum: A distinct genetic NMDA receptor encephalopathy. *Neurology*, 86(23), 2171-2178.
75. Lesser, A. M., Newell, M. C., **Samara, M. A.,** Gornick, C., Grant, K., Garberich, R., & **Han, B. K.** (2016). Radiation

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- dose and image quality of 70 kVp functional cardiovascular computed tomography imaging in congenital heart disease. *Journal of Cardiovascular Computed Tomography*, 10(2), 173-178.
76. Luchtman-Jones, L., Pressel, S., Hilliard, L., Brown, R. C., Smith, M. G., Thompson, A. A., Lee, M. T., Rothman, J., Rogers, Z. R., Owen, W., Imran, H., Thronburg, C., Kwiatkowski, J. L., Aygun, B., **Nelson, S.**, et al. (2016). Effects of hydroxyurea treatment for patients with hemoglobin SC disease. *American Journal of Hematology*, 91(2), 238-242.
77. Maccabee-Ryaboy, N., Thomas, W., **Kyllo, J.**, Lteif, A., Petryk, A., Gonzalez-Bolanos, M. T., & Sarafoglou, K. (2016). Hypertension in children with congenital adrenal hyperplasia. *Clinical Endocrinology (Oxf)*, 85(4), 528-34.
78. **MacIver, R. H.**, Larson, S. B., Moller, J. H., & Shumway, S. J. (2016). The first repair of cor triatriatum. *Annals of Thoracic Surgery*, 102(3), 1023-1026.
79. Matloub, Y., Stork, L., Asselin, B., Hunger, S. P., Borowitz, M., Jones, T., **Bostrom, B.**, et al. (2016). Outcome of children with standard-risk t-lineage acute lymphoblastic leukemia--Comparison among different treatment strategies. *Pediatric Blood Cancer*, 63(2), 255-261.
80. Mingo, K. M., **Sidman, J. D.**, Sampson, D. E., **Lander, T. A.**, **Tibesar, R. J.**, & Scott, A. R. (2016). Use of external distractors and the role of imaging prior to mandibular distraction in infants with isolated Pierre Robin Sequence and Stickler Syndrome. *JAMA Facial Plastic Surgery*, 18(2), 95-100.
81. **McNamara, C.**, **Johnson, M.**, **Read, L.**, **Vander Velden, H.**, **Thygeson, M.**, **Liu, M.**, **Gandrud, L.**, & **McNamara, J.** (2016). Yoga therapy in children with cystic fibrosis decreases immediate anxiety and joint pain. *Evidenced-Based Complementary and Alternative Medicine*, Article ID 9429504, 10 pgs.
82. **Miller, R. J.**, & **Schultz, K. A. P.**, (2016). Adnexal masses in infants and children, in *Gynecological and Obstetric Surgery: Challenges and Management Options* (eds A. Coomarasamy, M.I., Shafi, G. W. Davila and K.K. Chan), John Wiley & Sons, Ltd, Oxford, UK.
83. Mingo, K.M., **Sidman, J. D.**, **Sampson, D. E.**, **Lander, T. A.**, **Tibesar, R. J.** & Scott, A. R. (2016). Use of external distractors and the role of imaging prior to mandibular distraction in infants With isolated Pierre Robin Sequence and Stickler Syndrome. *JAMA Facial Plastic Surgery*, 18(2), 95-100.
84. Mirzaa, G., Timms, A. E., Conti, V., Boyle, E. A....**Pierpont, M. E.**, et al. (2016). PIK3CA-associated developmental disorders exhibit distinct classes of mutations with variable expression and tissue distribution. *JCI Insight*, 1(9), pii: e87623.
85. Montaña, A. M., Lock-Hock, N., Steiner, R. D., Graham, B. H., Szlago, M., Greenstein, R., Pineda, M., Gonzalez-Meneses, A., Çoker, M., Bartholomew, D., Sands, M. S., Wang, R., Giugliani, R., Macaya, A., Pastores, G., **Ketko, A. K.**, et al. (2016). Clinical course of sly syndrome (mucopolysaccharidosis type VII). *Journal of Medical Genetics*, 53(6),403-18.
86. Morrissy, A. S., Garzia, L., Shih, D. J., Zuyderduyn, S., Huang, X., Skowron, P., ... **Bendel, A. E.**, et al. (2016). Divergent clonal selection dominates medulloblastoma at recurrence. *Nature* 529(7586), 351-357.
87. Nathan, B. M., Rudser, K. D., **Abuzzahab, M. J.**, Fox, C. K., Coombes, B. J., Bombert, E. M., & Kelly, A. S. (2016). Predictors of weight-loss response with glucagon-like peptide-1 receptor agonist treatment among adolescents with severe obesity. *Clinical Obesity*, 6(1), 73-78.
88. **Nelson, S.** (2016). Race, racism, and health disparities: what can I do about it? *Creative Nursing*, 22(3), 161-165.
89. **Nelson, S. C.** (2016). Racial health disparities: A call to action. *Pediatric Blood Cancer*, 63(1), 176.
90. **Ortega, H. W.**, **Vander Velden, H.**, & Smith, G. A. (2016). Grill-related injuries in children treated in US emergency departments, 1990-2009. *Pediatric Emergency Care*, 31(12), 835-839.
91. **Osenga, K.**, **Postier, K.**, Dreyfus, J., **Foster, L.**, Teeple, W., & **Friedrichsdorf, S. J.** (2016). A comparison of circumstances at the end of life in a hospital setting for children with palliative care involvement versus those without. *Journal of Pain Symptom Management*, 52(5), 673-680.
92. **Overman, D. M.** (2016). Neonatal outcomes and length of stay: A firm grasp of the obvious? *Journal of Thoracic Cardiovascular Surgery*, 152(3), 727-728.
93. Owusu, J. A., Bellile, E., Moyer, J. S., & **Sidman, J. D.** (2016.) Patterns of pediatric mandible fractures in the United States. *JAMA Facial Plastic Surgery*, 18(1), 37-41.
94. Parini, R., Jones, S. A., Harmatz, P. R., **Giugliani, R.**, **Mendelsohn, N. J.** (2016). The natural history of growth in patients with Hunter syndrome: Data from the Hunter Outcome Survey (HOS). *Molecular Genetics and Metabolism*, 117(4), 438-446.

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95. Pickner, W. J., Puumala, S. E., Chaudhary, K. R., Burgess, K. M., **Payne, N. R., Kharbanda, A.B.** (2016). Emergency department utilization for mental health in American Indian children. *Journal of Pediatrics*, 174, 226-231.
96. Pinto, N., Mayfield, J. R., Raca, G., Applebaum, M. A., Chlenski, A., Sukhanova, M., Bagatell, R., Irwin, M. S., Little, A., **Rawwas, J.,...**Cohn, S. L. (2016). Segmental chromosomal aberrations in localized neuroblastoma can be detected in formalin-fixed paraffin-embedded tissue samples and are associated with recurrence. *Pediatric Blood Cancer*, 63(6), 1019-1023.
97. Plioplys, S., **Doss, J.**, Siddarth, P., Bursch, B., Falcone, T., et al. (2016). Risk factors for comorbid psychopathology in youth with psychogenic nonepileptic seizures. *Seizure*, 38, 32-7.
98. Puumala, S. E., Burgess, K. M., **Kharbanda, A. B., Zook, H. G.**, Castille, D. M., Pickner, W. J., & **Payne, N. R.** (2016). The role of bias by emergency department providers in care for American Indian children. *Medical Care*, 54(6), 562-9.
99. Ranum, A., & **Kurachek, S. C.** (2016). Spleen and portal pneumatosis secondary to Clostridium perfringens septicemia. *American Journal of Respiratory and Critical Care Medicine*, 194(4), e4.
100. **Reed, R. C.**, Waters, B. L., & Siebert, J. R. (2016). Complications of percutaneous thoracostomy in neonates and infants. *Journal of Perinatology*, 36(4), 296-299.
101. **Roby, B. B.**, Zapapas, L. M., Fenton, L. Z., Arganbright, J. M., Friedman, N., & Prager, J. (2016). Chronic stridor in a nine-month-old—Consider esophageal foreign body. *International Journal of Pediatric Otorhinolaryngology*, 13, 26-29.
102. **Roggenbuck, J., Temme, R., Pond, D., Baker, J., Jarvis, K. Liu, M., Dugan, S., Mendelsohn, N. J.** (2016). Erratum to: The long and short of genetic counseling letters: A case-control study. *Journal of Genetic Counseling*, 25(1), 211.
103. Rove, K. O., Maroni, P. D., Cost, C. R., Fairclough, D. L., Giannarini, G., **Harris, A. K., Schultz, K. A.**, & Cost, N. G. (2016). Pathologic risk factors for metastatic disease in post-pubertal patients with clinical stage I testicular stromal tumors. *Urology*, 97, 139-144.
104. Rutter, M. M., Jha, P., **Schultz, K. A.**, Sheil, A., **Harris, A. K.**, Bauer, A. J., Field, A. L., Geller, J., & Hill, D. A. (2016). DICER1 mutations and differentiated thyroid carcinoma: Evidence of a direct association. *Journal of Clinical Endocrinology & Metabolism*, 10(11), 1-5.
105. Sampath, V., Helbling, D., Menden, H., Dimmock, D., **Mulrooney, N. P.**, et al. (2016). Necrotizing enterocolitis is not associated with sequence variants in antioxidant response genes in premature infants. *Journal of Pediatric Gastroenterology & Nutrition*, 62(3), 420-423.
106. Schaefer, B. A., Flanagan, J. M., Alvarez, O. A., **Nelson, S. C.**, Aygun, B., et al. (2016). Genetic modifiers of white blood cell count, albuminuria and glomerular filtration rate in children with sickle cell anemia. *PLoS One*, 11(10), e0164364.
107. Schempp, A., Lee, J., **Kearney, S.**, Multooney, D. A., & Smith, A. R. (2016). Iron overload in survivors of childhood cancer. *Journal of Pediatric Hematology & Oncology*, 38(1), 27-31.
108. Schroeder, A. R., Shen, M. W., Biondi, E. A., **Bendel-Stenzel, M.**, et al. (2016). Bacteraemic urinary tract infection: Management and outcomes in young infants. *Archives of Disease in Childhood*, 101(2), 125-130.
109. **Schultz, K.A.P., Harris, A.**, Schneider, D. T., Young, R. H., Brown, J., Gershenson, D. M., Dehner, L. P., Hill, D. A., **Messinger, Y. H.**, & Frazier, A. L. (2016). Ovarian sex cord-stromal tumors. *Journal of Oncology Practice*, 12(10), 940-946.
110. **Schultz, K. A.P., Harris, A., Messinger, Y., Sencer, S.**, Baldinger, S., Dehner, L. P., & Hill, D. A. (2016). Ovarian tumors related to intronic mutations in DICER1. *Familial Cancer*, 15(1), 105-110.
111. Shook, L. M., Farrell, C. B., Kalinyak, K. A., **Nelson, S. C.**, Hardesty, B. M. et al. (2016). Translating sickle cell guidelines into practice for primary care providers with Project ECHO. *Medical Education Online*, 21, 33616.
112. Sills, M. R., Hall, M., Colvin, J. D., Macy, M. L., **Cutler, G. L.** et al. (2016) Association of social determinants with children's hospitals' preventable readmissions performance. *JAMA Pediatrics*, 170(4), 350-358.
113. Slaats, G. G., Isabella, C. R., Kroes, H. Y., Dempsey, J. C., Gremmels, H., Monroe, G.R., Phelps, I. G., Duran, K. J., Adkins, J., Kuma, S. A., Knutzen, D. M., Knoers, N. V., **Mendelsohn, N. J.** et al. (2016). MKS1 regulates ciliary INPP5E levels in Joubert syndrome. *Journal of Medical Genetics*, 53(1), 62-72.
114. Smith, K., **Lesser, J., Brandenburg, B.**, Lesser, A., Cici, J., **Juenneman, R., Beadle, A., Eckhardt, S.**, Lantz, E., Lock, J., Le Grange, D. (2016) Outcomes of an inpatient refeeding protocol in youth with anorexia nervosa and atypical anorexia nervosa at Children's Hospitals and Clinics of Minnesota. *Journal of Eating Disorders*, 4,

Children's Research Publications
January 1, 2016 – December 31, 2016

- 35.
115. Stewart, D. R., Givens, S. S., **Harris, A. K., Williams, G. M., Messinger, Y. H., Schultz, K. A.,** & Hill, D. A. (2016). Comment on: DICER1-negative pleuropulmonary blastoma in a patient With selective IgA deficiency. *Pediatric Blood Cancer*, 63(10), 1869-1870.
116. Stout, N. L., Silver, J. K., Raj, V. S., Rowland, J., Gerber, L., Cheville, A.,...**Gilchrist, L.,** et al. (2016). Toward a national initiative in cancer rehabilitation: recommendations from a subject matter expert group. *Archives of Physical Medicine and Rehabilitation*, 97(11), 2006-2015.
117. Tally, P., Holzbauer, S., Smith, K., & **Pomputius, W.** (2016). Notes from the field: lymphocytic choriomeningitis virus meningoencephalitis from a household rodent infestation - Minnesota, 2015. *Morbidity and Mortality Weekly Report*, 65(9), 248-9.
118. Vasilevskis, E. E., Kripalani, S., Ong, M. K., Rosenthal, J. T., Longnecker, D. E., **Harmon, B.,** et al. (2016). Variability in implementation of interventions aimed at reducing readmissions among patients with heart failure: A Survey of teaching hospitals. *Academic Medicine*, 91(4), 522-529.
119. Vrooman, L. M., Kirov, I. I., Dreyer, Z. E., Kelly, M., Hijiya, N., Brown, P., Drachtman, R. A., **Messinger, Y. H.,** et al. (2016). Activity and toxicity of intravenous erwinia asparaginase following allergy to e. coli-derived asparaginase in children and adolescents with acute lymphoblastic leukemia. *Pediatric Blood Cancer*, 63(2), 228-233.
120. Vundamati, D., & **Bostrom, B.** (2016). Prolonged response in patient with multiply relapsed B-cell acute lymphoblastic leukemia and monosomy-7 to bortezomib, lenalidomide, and dexamethasone. *Journal of Pediatric Hematology Oncology*, 38(6), 467-469.
121. Ware, R. E., Davis, B. R., Schultz, W. H...(19), **Nelson, S.,** et al. (2016). Hydroxycarbamide versus chronic transfusion for maintenance of transcranial doppler flow velocities in children with sickle cell anaemia-TCD With transfusions changing to hydroxyurea (TWITCH): A multicentre, open-label, phase 3, non-inferiority trial. *Lancet*, 387(10019), 661-670.
122. White, J., Beck, C. R., Harel, T., Posey, J. E., Jhangiani, S. N., Tang, S., Farwell, K. D., Powis, Z., **Mendelsohn, N. J.,** et al. (2016). POGZ truncating alleles cause syndromic intellectual disability. *Genome Medicine*, 8(1):3.
123. Widger, K., **Friedrichsdorf, S.,** Wolfe, J., Liben, S., Pole, J. D., et al. (2016). Evaluating the impact of a nationwide train-the-trainer educational initiative to enhance the quality of palliative care for children with cancer. *BMC Palliative Care*, 15(1), 12.
124. Wirtz, N., **Sidman, J., & Block, W.,** (2016). Clefting of the alveolus: Emphasizing the distinction from cleft palate. *American Journal of Perinatology*, 33(6), 531-4.
125. Wirtz, N., **Tibesar, R. J., Lander, T.,** & Sidman, J. (2016.) A pediatric decannulation protocol: Outcomes of a 10-year experience. *Otolaryngology: Head & Neck Surgery*, 154(4), 731-734.
126. Wong, H. R., Atkinson, S. J., Cvijanovich, N. Z., Anas, N., Allen, G. L.,..., **Nowak, J.,** et al. (2016). Combining prognostic and predictive enrichment strategies to identify children with septic shock responsive to corticosteroids. *Critical Care Medicine*, 44(10), e1000-3.
127. Wong, H. R., Cvijanovich, N. Z., Anas, N., Allen, G. L., Thomas, N. J., Bigham, M. T., Weiss, S. L., Fitzgerald, J., Checchia, P. A., Meyer, K., Quasney, M., Hall, M., Gedeit, R., Freishtat, R. J., **Nowak, J.,** et al. (2016). Pediatric sepsis biomarker risk model-II: redefining the Pediatric Sepsis Biomarker Risk Model with septic shock phenotype. *Critical Care Medicine*, 44(11), 2010-2017.
128. Wu, T. T., & Hoff, D. S. (2016). Accidental epidural injection of rocuronium in a pediatric patient: a case report and literature review. *The Journal of Pediatric Pharmacology and Therapeutics*, 21(5), 436-443.
129. Xiong, S., Degroote, N., Byington, H., Harder, J., **Kiminski, K., & Haglund, K.** (2016). Engaging in culturally informed nursing care with Hmong children and their families. *Journal of Pediatric Nursing*, 31(1), 102-106.
130. Yu, H., Zhang, V. W., Stray-Pedersen, A., Hanson, I. C., Forbes, L. R., de la Morena, M. T., Chinn, I. K., Gorman, E., **Mendelsohn, N. J., Pozos, T.,** et al. (2016). Rapid molecular diagnostics of severe primary immunodeficiency determined by using targeted next-generation sequencing. *Journal of Allergy and Clinical Immunology*, 138(4), 1142-1151 e2.
131. **Zamora, T. G.,** Guiang, S. F. 3rd, Widness, J. A., & Georgieff, M. K. (2016). Iron is prioritized to red blood cells over the brain in phlebotomized anemic newborn lambs. *Pediatric Research*, 79(6), 922-928.
132. Zerem, A., Haginoya, K., Lev, D., Blumkin, L., Kivity, S.,...**Dugan, S.,** et al. T. The molecular and phenotypic spectrum of IQSEC2-related epilepsy. *Epilepsia*, 57(11), 1858-1869.
133. Zonfrillo, M. R., Zaniletti, I., Hall, M., Fieldston, E. S., Colvin, J. D., Bettenhausen, J. L., Macy, M. L., Alpern, E. R.,

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- Cutler, G. J.**,...Shah, S. S. (2016) .Socioeconomic status and hospitalization costs for children with brain and spinal cord injury. *Journal of Pediatrics*, 169, 250-255.
134. **Zook, H. G., Kharbanda, A. B., Flood, A., Harmon, B.,** Puumala, S. E., & **Payne, N. R.** (2016). Racial differences in pediatric emergency department triage scores. *Journal of Emergency Medicine*, 50(5), 720-727.

Research – Epub ahead of print

1. **Barnes, T.L.**, Colbianchi, N., Freedman, D.A., Bell, B.A., & Liese, A.D. (2016). Do GIS-derived measures of fast food retailers convey perceived fast food opportunities? Implications for food environment assessment. *Annals of Epidemiology*.
2. Breningstall, G.N., **Patterson, R.**, Hirsch, B., & Doyle, B. (2016). Leukoencephalopathy with 6p25 deletion. *Pediatric Neurology*.
3. Cattivelli, K., Campagna, D. R., Schmitz-Abe, K., Heeney, M. M., Yaish, H. M., Caruso Brown, E. A., **Kearney, S.**, Walkovich, K., Markianos, K., Fleming, M. D. & Neufeld, E. J. (2016). Ringed sideroblasts in β -thalassemia. *Pediatric Blood Cancer*.
4. **Christensen, E. W., Kharbanda, A. B., Vander Velden, H., & Payne, N. R.** (2016). Predicting frequent emergency department use by pediatric Medicaid patients. *Population Health Management*.
5. Coughlin, C. R., 2nd, Swanson, M. A., Kronquist, K., Acquaviva, C., Hutchin, T., Rodriguez-Pombo, P., . . . **Scharer, G. H.**, Van Hove, J. L. (2016). The genetic basis of classic nonketotic hyperglycinemia due to mutations in GLDC and AMT. *Genetic Medicine*.
6. Crespin, D. J., Christianson, J. B., McCullough, J. S., & **Finch, M. D.** (2016). Do health systems have consistent performance across locations and is consistency associated with higher performance? *American Journal of Medical Quality*.
7. **Friedrichsdorf, S. J.** Four steps to eliminate or reduce pain in children caused by needles (part 1). (2016). *Pain Management*.
8. Gaynes, J. S., Jonart, L. M., Zamora, E. A., Naumann, J. A., Gossai, N. P. & Gordon, P.M. (2016). The central nervous system microenvironment influences the leukemia transcriptome and enhances leukemia chemo-resistance. *Haematologica*.
9. **Gilchrist, L. S., Tanner, L. R.,** & Ness, K. K. (2016). Short-term recovery of chemotherapy-induced peripheral neuropathy after treatment for pediatric non-CNS cancer. *Pediatric Blood Cancer*.
10. Khan, N. E., Bauer, A. J., Doros, L., **Schultz, K. A.**, Decastro, R. M., Harney, L. A., Kase, R. G., Carr, A. G. , **Harris, A. K., Williams, G. M.**, Dehner, L. P., **Messinger, Y. H.**, Stewart, D. R. (2016). Macrocephaly associated with the DICER1 syndrome. *Genetic Medicine*.
11. **Kharbanda, A.B.**, Monuteaux, M. C., Bachur, R. G., Dudley, N. C., Bajaj, L., et al. (2016). A clinical score to predict appendicitis in older male children. *Academic Pediatrics*.
12. Landier, W., Ahern, J., Barakat, L. P., Bhatia, S., Bingen, K. M., Bondurant, P. G., Cohn, S. L., Dobrozsi, S. K., Haugen, M., Herring, R. A., **Hooke, M. C.**,...Hockenberry, M. (2016). Patient/family education for newly diagnosed pediatric oncology patients: Consensus recommendations from a Children's Oncology Group expert panel. *Journal of Pediatric Oncology Nursing*.
13. Li, N. S., **Gossai, N.**, Naumann, J. A., Gordon, P. M. & Piccirilli, J.A. (2016). Efficient synthetic approach to linear dasatinib-DNA conjugates by click chemistry. *Bioconjugate Chemistry*.
14. Pacheco, M. C., Dolan, M., & **Bendel, A.** (2016). Ewing sarcoma and atypical teratoid rhabdoid tumor: A FISH and immunohistochemical comparison. *Pediatric & Developmental Pathology*.
15. **Perkins, J. L., Harris, A., & Pozos, T. C.** (2016). Immune dysfunction after completion of childhood leukemia therapy. *Journal of Pediatric Hematology Oncology*.
16. Pierpont, E. , Semrud-Clikeman, M., & **Pierpont, M. E.** (2016). Variability in clinical and neuropsychological features of individuals with MAP2K1 mutations. *American Journal of Medical Genetics*.
17. Reinstein, A. S., Erickson, L. Ol, Griffin, K. H., Rivard, R. L., Kapsner, C. E., **Finch, M. D.**, & Dusek, J. A. (2016). Acceptability, adaptation, and clinical outcomes of acupuncture provided in the emergency department: a retrospective pilot study. *Pain Medicine*.
18. Ruedinger, E., **Olson, M.**, Yee, J., Borman-Shoap, E. , Olson, A. P. (2016). Education for the next frontier in patient safety: a longitudinal resident curriculum on diagnostic error. *American Journal of Medical Quality*.
19. Sampeth, V., Bhandari, V. Berger, J., Merchant, D., Zhang, L., Ladd, M., Menden, H., Garland, J., Ambalavanan, N., **Mulrooney, N.** et al. (2016). A functional ATG16L1 (T300A) variant is associated with necrotizing

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- enterocolitis in premature infants. *Pediatric Research*.
20. Sunni, M., Noble, J. A., Yu, L., Mahamed, Z., Lane, J. A., Dhunkal, A. M., Bellin, M. D., Nathan, B., Kylo, J., Abuzzahab, M. J., Gottlieb, P. A., Babu, S., Armstrong, T., & Moran, A. (2016). Predominance of DR3 in Somali children with type 1 diabetes in the twin cities, Minnesota. *Pediatric Diabetes*.
 21. Waither-Larsen, S., Pedersen, M. T., Friis, S. M., Aagaard, G. B., Romsing, J., Jeppesen, E. M., & Friedrichsdorf, S. J. (2016). Pain prevalence in hospitalized children: a prospective cross-sectional survey in four Danish university hospitals. *Acta Anaesthesiologica Scandinavica*.
 22. **Whitcomb, V.**, Kannikeswaran, N., Bhaya, N., Altinok, D., & Sivaswamy, L. (2016). Speechless after a roller coaster ride. *Clinical Pediatrics (Philadelphia)*.
 23. Whyte, M. P., McAlister, W. H., Fallon, M. D., **Pierpont, M. E.**, et al. (2016). Raine syndrome (OMIM #259775), caused by FAM20C mutation, is congenital sclerosing osteomalacia with cerebral calcification (OMIM 259660). *Journal of Bone and Mineral Research*.
 24. **Zook, H. G., Payne, N. R.**, Puumala, S. E., Burgess, K. M., & **Kharbanda, A. B.** (2016). Racial/ethnic variation in emergency department care for children with asthma. *Pediatric Emergency Care*.