



DEPARTMENT PUBLICATIONS
DEPARTMENT OF ANESTHESIOLOGY, CRITICAL CARE AND PAIN MEDICINE
BOSTON CHILDREN'S HOSPITAL
JULY 1, 2017 - JUNE 30, 2018

1. Aarnio M., Appel L., Fredrikson, Gordh T., Wolf O., Sörensen J., Thulin M., Peterson M., **Linnman C.** Visualization of inflammation in Patients with Pain after Traumatic Ankle Sprain Using [11C]-D-deprenyl PET/CT. *Scand. Journal of Pain* 2017 Oct;17:418-424
2. Adams CM, Nigrovic LE, Hayes G, **Weinstock PH**, Nagler J. Teaching Incision and Drainage: Perceived Educational value of Abscess Models. 2017. *Pediatric Emergency Care.* 2018 Mar; 34(3):174-178
3. Ahmed H, Tang X, Polizzotti B, Gaureau K, Kellog M, **DiNardo JA**, Kheir JN. Use of oxyhemoglobin saturation, rather than oxygen tension, as a marker of oxygenation in cyanotic patients. *JAMA Pediatr.* 2017; 171:1012-4.
4. Allen EK, **Randolph AG**, Bhangale T, Dogra P, Ohlson M, Oshansky CM, Zamora AE, Shannon JP, Finkelstein D, Dressen A, DeVincenzo J, Caniza M, Youngblood B, Rosenberger CM, Thomas PG. SNP-mediated disruption of CTCF binding at the IFITM3 promoter is associated with risk of severe influenza in humans. *Nature Medicine* 2017; 23: 975-983.
5. Asen AK, Goebel L, Rey-Rico A, Sohler J, **Zurakowski D**, Cucchiari M, Madry H. Sustained spatiotemporal release of TGF- β 1 confers enhanced very early chondrogenic differentiation during osteochondral repair in specific topographic patterns. *FASEB J.* 2018; 32(10):5298-5311.
6. Au CC, Branco RG, **Tasker RC.** Management protocols for status epilepticus in the pediatric emergency room: systematic review article. *J Pediatr. (Rio J).* 2017; 93 Suppl 1:84-94. PMID: 28941387
7. Balasubramanya S, **Zurakowski D**, Borisuk M, Kaza AK, Emani SM, del Nido PJ, Baird CW. Right ventricular outflow tract reintervention after primary tetralogy of Fallot repair in neonates and young infants. *J Thorac Cardiovasc Surg.* 2018;155(2):726-734.
8. Barberio J., Petkov M.P., **Linnman C.** Using Wikipedia to study global suicide patterns. *JASNH* Volume 14, No. 1 (July 2017)
9. Barber Garcia, Brittany N., Laura S. Gray, **Laura E. Simons**, and Deirdre E. Logan. "Development of the Parent Responses to School Functioning Questionnaire." *The Journal of Pain: Official Journal of the American Pain Society* 18, no. 10 (October 2017): 1277–86. <https://doi.org/10.1016/j.jpain.2017.06.011>.
10. Barsky EE**, **Pereira LM**, Sullivan KJ, Wong A, McAdam AJ, Sawicki GS*, **Priebe GP***, **Goobie SM***. Ceftriaxone pharmacokinetics and pharmacodynamics in patients with cystic fibrosis. *J Cystic Fibrosis.* 2018;17(3):e25-e31. (*Co-senior authors) PMID: 29103924
11. Barsky EE**, Williams KA, **Priebe GP***, Sawicki GS*. Incident *Stenotrophomonas maltophilia* infection and lung function decline in cystic fibrosis. *Pediatr Pulmonol.* 2017; 52(10):1276-1282. (*Co-senior authors) PMID: 28815999

12. **Berde C, Ferrari L, McCann ME**, Nelson C, **Soriano S**, Vutskits L, **Hickey P**. The Effects of Early Exposure to Anesthesia on the Developing Brain. 5/2017. Online video. OPENPediatrics. <https://www.openpediatrics.org/assets/video/effects-early-exposure-anesthesia-developing-brain>.
13. **Bernier R, Halpin E, Staffa SJ**, Benson L, **DiNardo JA, Nasr VG**. Inclusion of non-English speaking patients in research: A single institution experience. *Paediatr Anaesth*. 2018; 28:415-20.
14. Berry J, Glotzbecker M, Rodean J, **Leahy I**, Cox J, Singer SJ, O'Neill M, Hall M, **Ferrari LR**. Perioperative Spending on Spinal Fusion for Scoliosis for Children with Medical Complexity. *Pediatrics*. 2017 ;140(4):e20171233
15. **Blum R**, Ruben M, Blanch-Hartigan D, Singh N, Dias G, **Meyer E**. Do Residents Adequately Manage Pain During Informed Consent? A Simulation Study. *The Journal of the Society for Simulation in Healthcare*. 2017;6:e60.
16. **Blum RH**, Muret-Wagstaff SL, Boulet JR, Cooper JB, Petrusa ER; Harvard Assessment of Anesthesia Resident Performance Research Group: Simulation-based Assessment to Reliably Identify Key Resident Performance Attributes. *Anesthesiology*. 2018; 128:821-31.
17. **Boretsky K, Hernandez MA, Eastburn E, Sullivan C**. Ultrasound-guided lumbar plexus block in children and adolescents using a transverse lumbar paravertebral sonogram: Initial experience. *Paediatr Anaesth*. 2018 Mar;28(3):291-295. doi: 10.1111/pan.13328. Epub 2018 Jan 23. PubMed PMID: 29359366.
18. **Boretsky K**, Visoiu M. Regional Anesthesia in Neonates. In: Matthes K, Greco C, McCann M, editors. *Essentials of Anesthesia for Infants and Neonates*, New York: Cambridge University Press
19. **Borsook, D.**, Youssef, A., Sieberg, CB, Elman, I., **Barakat, N**. Subliminal (latent) processing of pain and its evolution to conscious awareness. *Neurosci Biobehav Rev*. 2018, 88, 1-15.
20. Briceno-Medina M, Kumar TKS, Sathanandam S, Boston U, Perez M, Allen J, **Zurakowski D**, Ilbawi M, Knott-Craig CJ. Femoral vein homograft as Sano shunt results in improved pulmonary artery growth after Norwood operation. *Cardiol Young*. 2018;28(1):118-125.
21. **Brown ML, Nasr VG**, Toohey R, **DiNardo JA**. Williams syndrome and anesthesia for non-cardiac surgery: High risk can be mitigated with appropriate planning. *Pediatr Cardiol*. 2018; 39:1123-28.
22. **Brown ML, Odegard KM, DiNardo JM**. Congenital Heart Disease in the Neonate and Infant: Cardiac Catheterization and Cardiac Surgery. *Essentials of Anesthesia for Infants and Neonates*. 1st Ed.
23. Browne LE, Latremoliere A, Lehnert BP, Grantham A, Ward C, Alexandre C, **Costigan M**, Michoud F, Roberson DP, Ginty DD, Woolf CJ. Time-Resolved Fast Mammalian Behavior Reveals the Complexity of Protective Pain Responses. *Cell Rep*. 2017 Jul 5;20(1):89-98.
24. **Bulich LA, Mizrahi-Arnaud A**, Tran KM. Anesthesia for fetal surgery. *Essentials of anesthesia for infants and neonates*. Cambridge University Press 2018. pp. 354-368.
25. Burgart AM, Magnus D, Tabor HK, Paquette EDT, Frader J, Glover JJ, Jackson BM, Harrison CH, Urion DK, **Graham RJ**, Brandsema JF, Feudtner C. Ethical challenges confronted when providing nusinersen treatment for spinal muscular atrophy. *JAMA Pediatr*. 2017; e-pub Dec 11: E1-5.

26. Burjek NE, Nishisaki A., Fiadjoe J.E., Adams HD, Peeples KN, Raman VT, Olomu PN, **Kovatsis PG**, Jagannathan N. Videolaryngoscopy versus Fiber-optic Intubation through a Supraglottic Airway in Children with a Difficult Airway: An Analysis from the Multicenter Pediatric Difficult Intubation Registry. *Anesthesiology*. 2017 Sep; 127 (3):432-440. doi: 10.1097/ALN.0000000000001758.
27. **Burns JP, Truog RD**. Ethical Considerations In Managing Critically Ill Patients. In: Parrillo/Dellinger. *Critical Care Medicine* 5E, St. Louis: Elsevier; in press
28. Butler M, Drum E, **Evans FM**, Fitzgerald T, Fraser J, Holterman AX, Jen H, Kynes M, Kreiss J, **McClain CD**, Newton M, Nwomeh B, O'Neill J, Ozgediz D, Politis G, Rice H, Rothstein D, Sanchez J, Singleton M, Yudkowitz F. Guidelines and checklists for short-term missions in global pediatric surgery. *Paediatr Anaesth*. 2018; 28:392-410. <https://doi.org/10.1111/pan.13378>
29. Callahan MJ, MacDougall RD, Bixby SD, Voss SD, Robertson RL, **Cravero JP**. Correction to: Ionizing radiation from computed tomography versus anesthesia for magnetic resonance imaging in infants and children: patient safety considerations. *Pediatr Radiol*. 2018 Mar;48(3):454. doi: 10.1007/s00247-017-4057-9. PubMed PMID: 29368012.
30. Chiao F, **Boretsky K**. Dexmedetomidine as a Supplement to Spinal Anesthesia Block: A Case Report of Three Infants. *A A Case Rep*. 2017 Aug 15;9(4):127-128. doi: 10.1213/XAA.0000000000000545. PubMed PMID: 28459726.
31. Cholette JM, Faraoni D, **Goobie SM**, Ferraris V, Hassan N. Patient Blood Management in Pediatric Cardiac Surgery: A Review. *Anesth Analg*. 2017 Oct 5. doi: 10.1213/ANE.0000000000002504. [Epub ahead of print] PubMed PMID: 28991109.
32. Cigarroa C, van den Bosch SJ, Tang X, Gauvreau K, Baird CW, **DiNardo JA**, Kheir JN. Measurement of dead space fraction upon ICU admission predicts length of stay and clinical outcomes following bidirectional cavopulmonary anastomosis. *Pediatric Critical Care Medicine* 2018; 19:23-31 (subject of Editorial 19:81-2).
33. Clark BC, Berger JT, Berul CI, Jonas RA, Kaltman JR, Lapsa J, Nath DS, Sherwin ED, Sinha P, **Zurkowski D**, Moak JP. Risk factors for early development of ectopic atrial tachycardia in post-operative congenital heart disease. *Pediatr Cardiol*. 2018;39:459-465.
34. **Coakley, R.**, Wihak, T. Evidence-based Psychological Interventions for the Management of Pediatric Chronic Pain: New Directions in Research and Clinical Practice. *Children*, 2017; 4(2): 9.
35. **Coakley, R.**, Wihak, T., **Kossowsky, J.**, Iversen, C., & Donado, C. (2017). The Comfort Ability Pain Management Workshop: A Preliminary, Nonrandomized Investigation of a Brief, Cognitive, Biobehavioral, and Parent Training Intervention for Pediatric Chronic Pain. *Journal of Pediatric Psychology*, 43(3), 252-265.
36. Cobos EJ, Nickerson CA, Gao F, Chandran V, Bravo-Caparrós I, González-Cano R, Riva P, Andrews NA, Latremoliere A, Seehus CR, Perazzoli G, Nieto FR, Joller N, Painter MW, Ma CHE, Omura T, Chesler EJ, Geschwind DH, Coppola G, Rangachari M, Woolf CJ, **Costigan M**. Mechanistic Differences in Neuropathic Pain Modalities Revealed by Correlating Behavior with Global Expression Profiling. *Cell Rep*. 2018 Jan 30;22(5):1301-1312.
37. Cocoros NM, **Priebe G**, Gray JE, Toltzis P, Larsen G, Logan LK, Coffin S, Sammons JS, Deakins K, Horan K, Lakoma M, Young J, Klompas M, Lee GM. Factors associated with pediatric ventilator-associated conditions in 6 U.S. hospitals: A nested case-control study. *Pediatr Crit Care Med*. 2017;18(11): e536-e545. PMID: 28914722

38. Cohen SL, **Mason KP**, Saxen MA. Literature Review for Office-Based Anesthesia. *Anesthesia progress*. 2018;65(1):66-8.
39. **Cornelissen L**, Donado C, Lee JM, Liang NE, Mills I, Tou A, **Bilge A**, **Berde CB**. Clinical signs and electroencephalographic patterns of emergence from sevoflurane anaesthesia in children: An observational study. *European journal of anaesthesiology*. 2018; 35(1):49-59. PubMed [journal] PMID: 29120939, PMCID: PMC5728588
40. **Cornelissen L**, Kim SE, Lee JM, Brown EN, Purdon PL, **Berde CB**. Electroencephalographic markers of brain development during sevoflurane anaesthesia in children up to 3 years old. *British journal of anaesthesia*. 2018; 120(6):1274-1286. PubMed [journal] PMID: 29793594
41. Cornelissen MJ, de Goederen R, Doerga P, Cuperus I, van Veelen ML, Lequin M, Govaert P, Mathijssen IMJ, Dudink J, **Tasker RC**. Pilot study of intracranial venous physiology in craniosynostosis. *J Neurosurg Pediatr*. 2018; 21:626-631. PMID: 29624144
42. **Cowan DB**, Yao R, Thedsanamoorthy JK, **Zurakowski D**, del Nido PJ, McCully JD. Transit and integration of extracellular mitochondria in human heart cells. *Sci Rep*. 2017 Dec 12;7(1):17450.
43. **Cravero JP**, Callahan MJ. The radiological home: Pediatric anesthesiologist's role in risk assessment for imaging procedures. *Paediatr Anaesth*. 2017 Sep;27(9):878-879. doi: 10.1111/pan.13184. PubMed PMID: 28772016.
44. **Cravero, J.P.** and **Landrigan-Ossar, M.**, Anesthesia Outside the Operating Room. In Coté, C.J., Lerman, J. and Anderson, B.J., (Eds.) *A Practice of Anesthesia for Infants and Children*. Elsevier, 2018.
45. **Cravero, J.P.**, Kaplan, R.F., **Landrigan-Ossar, M.**, Coté, C.J. Sedation for Diagnostic and Therapeutic Procedures Outside the Operating Room. In Coté, C.J., Lerman, J. and Anderson, B.J., (Eds.) *A Practice of Anesthesia for Infants and Children*. Elsevier, 2018.
46. Cucchiarini M, Asen AK, Goebel L, Venkatesan JK, Schmitt G, **Zurakowski D**, Menger MD, Laschke MW, Madry H. Effects of TGF- β overexpression via rAAV gene transfer on the early repair processes in an osteochondral defect model in minipigs. *Am J Sports Med*. 2018; 46(8):1987-1996.
47. Cullion K, Rwei AY, **Kohane DS**: Ultrasound-triggered liposomes for on-demand local anesthesia. *Ther Deliv* 2018; 9: 5-8.
48. Cullion K, Santamaria CM, Zhan C, **Zurakowski D**, Sun T, Pemberton GL, McDannold NJ, **Kohane DS**. High-frequency, low-intensity ultrasound and microbubbles enhance nerve blockade. *J Control Release* 2018;276:150-156.
49. Cunningham, N., **Nelson, S.**, Jagpal, A., Moorman, E., Farrell, M.K., Pentiuk, S., & Kashikar-Zuck, S. (2017). Development and pilot testing of the Aim To Decrease Anxiety and Pain Treatment (ADAPT): An on-line and in-person behavioral intervention for youth with functional abdominal pain, *Journal of Pediatric Gastroenterology and Nutrition*
50. Dagher A, Curatolo A, Sachdev M, Stephens AJ, Mullins C, Landis JR, van Bokhoven A, El-Hayek A, Froehlich JW, Briscoe AC, Roy R, Yang J, Pontari MA, **Zurakowski D**, Lee RS, Moses MA. Identification of novel non-invasive biomarkers of urinary chronic pelvic pain syndrome: findings from the Multidisciplinary Approach to the Study of Chronic Pelvic Pain (MAPP) Research Network. *BJU Int*. 2017;120(1):130-142.

51. Dagi LR, MacKinnon S, **Zurakowski D**, Prabhu SP. Rectus muscle excyclorotation and V-pattern strabismus: a quantitative appraisal of clinical relevance in syndromic craniosynostosis. *Br J Ophthalmol*. 2017;101(11):1560-1565.
52. Dahlberg L.S., **Linnman C.**, Lee D., Burstein R., **Becerra L., Borsook D.**, Responsivity of Periaqueductal Gray Connectivity Is Related to Headache Frequency in Episodic Migraine. *Frontiers In Neurology* 2018 Feb 13;9:61
53. **Daniel D, Wolbrink T**, Logvinenko T, Harper M, **Burns JP**. Association between Search Behaviors and Disease Prevalence Rates at 18 U.S. Children's Hospitals. *Appl Clin Inform*. 2017 10; 8(4):1144-1152. PMID: 29241251.
54. Davis PJ, **DiNardo JA**. Editorial comment: The American College of Surgeons Children's Surgery Verification and Quality Improvement Program: Be careful what you wish for! *Anesth Analg*. 2018; 126:1438-40.
55. De Orange FA, Andrade RGAC, Lemos A, Borges PSGN, Figueiroa JN, **Kovatsis PG**. Cuffed versus uncuffed endotracheal tubes for general anaesthesia in children aged eight years and under. *Cochrane Database of Systematic Reviews* 2017, Issue 11. Art. No.: CD011954. DOI: 10.1002/14651858.CD011954.pub2.
56. DeSignore LA, **Tasker RC**. Treatment options for severe traumatic brain injuries in children: current therapies, challenges, and future prospects. *Expert Rev Neurother*. 2017; 17:1145-1155. PMID: 28918666
57. Demenais F, Margaritte-Jeannin P, Barnes KC, Cookson WOC, Altmuller J, Ang W, et. al (a total of 165 authors including **Kantor, DB**) (2018). Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. *Nat Genet*. 50(1), 42–53. PMID 29273806
58. **DiNardo JA**. Editorial comment: Red cell transfusion and prolonged mechanical ventilation - The perpetrator finally identified or guilt by association again? *Pediatric Critical Care Medicine* 2018; 19:174-5.
59. Donado C, Lobo K, Velarde-Álvarez MF, Kim J, Kenney A, Logan D, **Berde CB**. Continuous Regional Anesthesia and Inpatient Rehabilitation for Pediatric Complex Regional Pain Syndrome. *Regional anesthesia and pain medicine*. 2017; 42(4):527-534. PubMed [journal] PMID: 28492436
60. Duong P, **Ferguson LP**, Lord S, Murray S, Shepherd E, Bourke JP, Crossland D, O'Sullivan J. Atrial arrhythmia after transcatheter closure of secundum atrial septal defects in patients ≥40 years of age. *Europace*. 2017 Aug 1;19(8):1322-1326. doi: 10.1093/europace/euw186. PubMed PMID: 27702856.
61. **Duvall MG** and **Burns JP**. Better Late Than Never? Deferred Consent for Minimal Risk Research in the ICU. *Crit Care Med*. 2017 Sep; 45(9): 1571-1572. PMID: 28816843
62. **Eastburn E, Hernandez MA, Boretsky K**. Technical success of the ultrasound-guided supra-inguinal fascia iliaca compartment block in older children and adolescents for hip arthroscopy. *Paediatr Anaesth*. 2017 Nov;27(11):1120-1124. doi: 10.1111/pan.13227. PubMed PMID: 29030933.
63. **Ehlinger DG** and **KG Commons**. Altered Cav1.2 Function in the Timothy Syndrome Mouse Model Produces Ascending Serotonergic Abnormalities. *Eur J Neuroscience*, 2017 Oct; 46(8):2416-2425

64. Emani SS, Allan CK, Forster T, Fisk AC, Lagrasta C, Zheleva B, **Weinstock P**, Thiagarajan RR. Simulation training improves team dynamics and performance in a low-resource cardiac intensive care unit. *Ann Pediatr Cardiol*. 2018;11:130-6
65. Emani S, Sleeper LA, Faraoni D, Mulone M, Diallo F, **DiNardo JA**, **Ibla JC**, Emani SM. Thromboelastography is associated with surrogates for bleeding after pediatric cardiac surgery. *Ann Thorac Surg* 2018; epubish May 16.
66. Emani S, **Zurakowski D**, Mulone M, **DiNardo JA**, Trenor CC 3rd, Emani SM. Platelet testing to guide aspirin dose adjustment in pediatric patients after cardiac surgery. *J Thorac Cardiovasc Surg*. 2017;154(5):1723-1730.
67. **Evans F**, Duarte J, Haylock Loor C, Morriss W. Are Short Subspecialty Courses the Educational Answer? *Anesth Analg*. 2018; 126(4): 1306-1311. DOI: 10.1213/ANE.0000000000002664
68. Fallat, ME, Hardy CA, Section on Surgery, Section on Anesthesiology and Pain Medicine (Agarwal R, Honkanen A, **Landrigan-Ossar M**, Flick RP, **Houck CS**), Committee on Bioethics. Interpretation of Do-Not-Attempt-Resuscitation and Resuscitation Limitation Orders for Pediatric Patients Who Require Anesthesia and Surgery. *Pediatrics*. 2018;141(5), PMID: 29686145.
69. Fallat, ME, Hardy, C, Meyers RL, Besner GE, Davidoff A, Heiss KF, Agarwal R, Tobias J, Brown RE Jr, Guzzetta NA, Honkanen A, **Landrigan-Ossar M**, Katz AL, Laventhal NT, Macauley RC, Moon MR, Okun AL, Opel DJ, Statter MB. Interpretation of Do Not Attempt Resuscitation Orders for Children Requiring Anesthesia and Surgery. *Pediatrics*. 2018, 141(5)
70. Fanelli A, Vonberg FW, Jaishankar R, Imaduddin SM, **Tasker RC**, Heldt T. Regression-based noninvasive estimation of intracranial pressure. *Conf Proc IEEE Eng Med Biol Soc*. 2017: 4001-4004. PMID: 29060774
71. Fang ZA, Bernier R, Emani S, Emani S, Matte G, **DiNardo JA**, Faraoni D, **Ibla JC**. Pre-operative thromboelastographic profile of patients with congenital heart disease: Association of hypercoagulability and decreased heparin response. *J Cardiothorac Vasc Anesth*. 2018; 32:1657-63. (subject of Editorial 32:1664-6).
72. Fang ZA, Ghelani SJ, Koutsogiannaki S, **DiNardo JA**, **Yuki K**. Validation of a mathematical model of bidirectional Glenn circulation with aortopulmonary collaterals and the implications for QP/QS calculation. *J Cardiothorac Vasc Anesth* 2018; 32:395-401. (subject of Editorial epubish February 3).
73. Fang ZA, Wesley MC, **DiNardo JA**. Berlin heart explant in an infant. *J Cardiothorac Vasc Anesth* 2018; 32:1383-5.
74. **Ferguson LP**, Duong P, Pearce KF, Murphy P, Biss TT. Monitoring of Antiplatelet Therapy in Children on Ventricular Assist Device Support: Comparison of Multiplate and Thromboelastography Platelet Mapping. *ASAIO J*. 2018 Feb 27. doi: 10.1097/MAT.0000000000000768. [Epub ahead of print] PubMed PMID: 29489462.
75. **Ferrari LR**. How can the perioperative surgical home be applied to pediatric anesthesia practice? *Pediatric Anesthesia*. 2017;27:982-3
76. **Ferrari LR**. Pediatric Patients. In: Sweitzer BJ, editor. *Handbook of Preoperative Assessment and Management*. 3rd ed. Philadelphia, PA: Lippincott-Raven; 2018 (in press)

77. **Ferrari LR.** Pediatric Perioperative Surgical Home. In: Andropoulos DB, Gregory G, editors. Gregory's Pediatric Anesthesia. 6th Edition. United Kingdom: Wiley & Sons; 2018 (in press)
78. **Ferrari LR.** Preoperative Evaluation of Pediatric Patients: What Keeps Parents Up at Night? Current Anesthesiology Reports, 2018;8(1) DOI 10.1007/s40140-018-0250-0
79. **Ferrari LR.** Preoperative Evaluation of the Neonate. In: Sweitzer BJ, editor. Handbook of Preoperative Assessment and Management. 3rd ed. Philadelphia, PA: Lippincott-Raven; 2018 (in press)
80. **Ferrari LR.** Preoperative Evaluation. In: McCann ME, Matthes K, Greco C, editors. Essentials of Anesthesia for Infants and Neonates. Cambridge, UK: Cambridge University Press; 2018 (in press)
81. **Ferrari LR.** Preoperative Evaluation. In: Herodotos E, Matthes K, Alrayashi W, Aykut B, editors. Clinical Pediatric Anesthesiology, New York, NY: McGraw-Hill; 2018. p.99-108
82. **Ferrari LR.** Sickle Cell Disease. In: Lalwani K, Choi E, Raman VT, Cohen IT, editors. Pediatric Anesthesiology: A Problem Based Learning Approach. Oxford University Press, New York, NY;2018 (in press)
83. Fink EL, von Saint Andre-von Arnim A, Kumar R, Wilson PT, Bacha T, Aklilu AT, Teklemariam TL, Hooli S, Tuyisenge L, Otupiri E, Fabio A, Gianakas J, Kochanek PM, Angus DC, **Tasker RC**; Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network, PALISI Global Health Subgroup, and Prevalence of Acute Critical Neurological Disease in Children: A Global Epidemiological Assessment (PANGEA) Investigators. Traumatic Brain Injury and Infectious Encephalopathy in Children From Four Resource-Limited Settings in Africa. *Pediatr Crit Care Med.* 2018; 19:649-657. PMID: 29664874
84. Finkel RS, Mercuri E, Darras BT, Connolly AM, Kuntz NL, Kirschner J, Chiriboga CA, Saito K, Servais L, Tizzano E, Topaloglu H, Tulinius M, Montes J, Glanzman AM, Bishop KM, Zhong ZJ, Gheuens S, Bennett CF, Schneider E, Farwell W, and De Vivo DC, for the ENDEAR Study Group.* Nusinersen versus sham control in infantile-onset Spinal Muscular Atrophy. *New England Journal of Medicine.* 2017; 377:1723-32. (* **Graham, RJ** multicenter trial – site investigator)
85. Finkel RS, Mercuri E, Meyer OH, Simonds AK, Schroth MK, **Graham RJ**, Kirschner J, Iannaccone ST, Crawford TO, Woods S, Muntoni F, Wirth B, Montes J, Main M, Mazzone ED, Vitale M, Snyder B, Quijano-Roy S, Bertini E, Hurst-Davis R, Qian Y, Sejersen T for the SMA Care group. Diagnosis and management of Spinal Muscular Atrophy: Part 2: pulmonary and acute care; medications, supplements and immunizations; other organ systems; and ethics. *Neuromuscul Disord.* 2017; e-pub Nov 22, 2017 ahead of print. DOI: <http://dx.doi.org/10.1016/j.nmd.2017.11.004>
86. Finkel RS, Sejersen T, Mercuri E; ENMC SMA Workshop Study Group.* 218th ENMC International Workshop: Revisiting the consensus on standards of care in SMA, Naarden, The Netherlands, 19-21 February 2016. *Neuromuscul Disord.* 2017; 27(6):596-605. (* **Graham, RJ** participant workshop study group)
87. Fiore-Gartland A, Panoskaltzis-Mortari A, Agan AA, Mistry AJ, Thomas PG, Matthay MA, PALISI PICFLU Investigators, Hertz T, **Randolph AG.** Cytokine profiles of severe influenza virus-related complications in children. *Front Immunol.* 2017;8(article 1423):1-11.
88. **França UL** and **McManus ML.** Availability of definitive hospital care for children. *JAMA Pediatr.* 2017 doi:10.1001/jamapediatrics.2017.1096 September 5, 2017.

89. **França UL** and **McManus ML**. Trends in regionalization of common pediatric conditions. *PEDIATRICS* 2018 Jan; 141(1). pii:e20171940 doi: 10.1542/peds.2017-1940
90. **França UL, McManus ML** Frequency, trends, and antecedents of severe maternal depression after three million U.S. births. *PLoS ONE*, 2018, 13(2): e0192854. <https://doi.org/10.1371/journal.pone.0192854>
91. Gaínza-Lein M, Sánchez Fernández I, Jackson M, Abend NS, Arya R, Brenton JN, Carpenter JL, Chapman KE, Gaillard WD, Glauser TA, Goldstein JL, Goodkin HP, Kapur K, Mikati MA, Peariso K, **Tasker RC**, Tchapyjnikov D, Topjian AA, Wainwright MS, Wilfong A, Williams K, Loddenkemper T; Pediatric Status Epilepticus Research Group. Association of Time to Treatment With Short-term Outcomes for Pediatric Patients With Refractory Convulsive Status Epilepticus. *JAMA Neurol.* 2018; 75:410-418. PMID: 29356811
92. Ganske IM, Schulz N, Livingston K, **Goobie S**, Meara JG, Proctor M, **Weinstock P**. Multi-modal 3D Simulation Makes the Impossible Possible. *Plast Reconstr Surg Glob Open.* 2018 Apr 20;6(4):e1751. doi: 10.1097/GOX.0000000000001751. eCollection 2018 Apr. PubMed PMID: 29876186; PubMed Central PMCID: PMC5977971.
93. Gartung A, Yang J, Sukhatme VP, Fernandes D, Chang J, Hwang SH, **Zurakowski D**, Huang S, Kieran MW, Hammock BD, Panigrahy D. Suppression of chemotherapy-induced cytokine/eicosanoid surge and ovarian cancer by a dual COX-2/she inhibitor. *Proc Natl Acad Sci USA* 2018, in press.
94. Gelb AW, Morriss WW, Johnson W, Merry AF, Abayadeera A, Belii N, Brull SJ, Chibana A, **Evans F**, Goddia C, Haylock-Loor C, Khan F, Leal S, Lin N, Merchant R, Newton MW, Rowles JS, Sanusi A, Wilson I, Velazquez Berumen A. World Health Organization-World Federation of Societies of Anaesthesiologists (WHO-WFSA) International Standards for a Safe Practice of Anesthesia. *Anesth Analg.* 2018; 126(6): 2047-2055. doi:10.1213/ANE.0000000000002927
95. **Geva A**, Landrigan CP, **van der Velden MG**, **Randolph AG**. Simulation of a Novel Schedule for Intensivist Staffing to Improve Continuity of Patient Care and Reduce Physician Burnout. *Crit Care Med.* 2017 Jul; 45(7):1138-1144
96. **Geva A**, Olson KL, Liu C, Mandl KD. Provider Connectedness to Other Providers Reduces Risk of Readmission After Hospitalization for Heart Failure. *Med Care Res Rev.* 2017 Jul 1:1077558717718626. doi: 10.1177/1077558717718626. [Epub ahead of print] PubMed PMID: 29148301; PubMed Central PMCID: PMC5748352.
97. Goh E, Guerin A, Lazier J, **Goobie S**, Nelson TN, Agatep R, Siu VM, Niederhoffer KY, Richer J. Choosing Wisely Canada: The Canadian College of Medical Geneticists' (CCMG) list of five items physicians and patients should question. *J Med Genet.* 2018 Feb;55(2):86-88. doi: 10.1136/jmedgenet-2017-104924. Epub 2017 Aug 19. PubMed PMID: 28822975.
98. **Gomez-Morad AD**, **Cravero JP**, Harvey BC, Bernier R, Halpin E, Walsh B, **Nasr VG**. The Evaluation of a Noninvasive Respiratory Volume Monitor in Pediatric Patients Undergoing General Anesthesia. *Anesth Analg.* 2017 Dec;125(6):1913-1919. doi: 10.1213/ANE.0000000000002029. PubMed PMID: 28759491.
99. Gonzalez-Cano R, Boivin B, Bullock D, **Cornelissen L**, Andrews N, **Costigan M**. Up-Down Reader: An Open Source Program for Efficiently Processing 50% von Frey Thresholds. *Frontiers in pharmacology.* 2018; 9:433. PubMed [journal] PMID: 29765323, PMCID: PMC5938897

100. **Goobie SM**, Frank SM. Tranexamic Acid: What Is Known and Unknown, and Where Do We Go From Here? *Anesthesiology*. 2017 Sep;127(3):405-407. doi: 10.1097/ALN.0000000000001788. PubMed PMID: 28696996.
101. **Goobie SM, Zurakowski D**, Glotzbecker M, **McCann ME**, Hedequist D, **Brustowicz R, Sethna NF**, Karlin L, Emans JB, Hresko MT. Tranexamic acid is efficacious at decreasing the rate of blood loss in adolescent scoliosis surgery: a randomized placebo controlled trial. *J Bone Joint Surg Am* 2018, in press.
102. **Graham RJ, McManus ML**, Rodday AM, Weidner RA, and Parsons SK. Pediatric specialty care model for management of chronic respiratory failure: cost and savings implications and misalignment with payment models *Pediatric Critical Care Medicine*, 2018 Feb 3. Doi: 10.1097/PCC.0000000000001472
103. **Graham, R.*** Zac's Play Day, Illustrated Children's Book on Spinal Muscular Atrophy, Biogen, Contributing author, <https://cdn.biogen.com/aus/specialty/tisma/index.html#p=1> (e-book) and print 2018. (Award-winning Cannes Lions 2018 International Festival of Creativity – Silver Lion)
104. Grant S, Faraoni D, **DiNardo JA, Odegard KC**: Predictors of mortality in children with pulmonary atresia with intact ventricular septum. *Pediatr Cardiol*. 2017; 38:1627-32.
105. Green SM, Krauss BS, **Mason KP**. Reevaluating Fasting for Procedural Sedation. *JAMA pediatrics*. 2018;172(7):622-3. Epub 2018/05/26. doi: 10.1001/jamapediatrics.2018.0867. PubMed PMID: 29801044. Cohen SL, **Mason KP**, Saxen MA. Literature Review for Office-Based Anesthesia. *Anesthesia Progress*. 2018;65(1):66-68. doi:10.2344/anpr-65-01-11.
106. Grissom NM, McKee SE, Schoch H, Bowman N, Havekes R, O'Brien WT, Mahrt E, Siegel S, **Commons K**, Portfors C, Nickl-Jockschat T, Reyes TM, Abel T. Male-Specific Deficits in Natural Reward Learning in a Mouse Model of Neurodevelopmental Disorders. *Mol Psychiatry*, 2017. PMID 29038598
107. Grunwell JR, Travers C, Stormorken AG, Scherrer PD, Chumpitazi CE, Stockwell JA, Roback MG, **Cravero J**, Kamat PP. Pediatric Procedural Sedation Using the Combination of Ketamine and Propofol Outside of the Emergency Department: A Report From the Pediatric Sedation Research Consortium. *Pediatr Crit Care Med*. 2017 Aug;18(8):e356-e363. doi: 10.1097/PCC.0000000000001246. PubMed PMID: 28650904.
108. Guo P, Yang J, Bielenberg DR, Dillon D, **Zurakowski D**, Moses MA, Auguste DT. A quantitative method for screening and identifying molecular targets for nanomedicine. *J Control Release*. 2017;263:57-67.
109. Hameed MQ, **Zurakowski D**, Proctor MR, Stone SD, Warf BC, Smith ER, Goumnerova LC, Swoboda M, Anor T, Madsen JR. Noninvasive thermal evaluation of ventriculoperitoneal shunt patency and cerebrospinal fluid flow using a flow enhancing device. *Neurosurgery* 2018, in press.
110. Hasan A, **Alrayashi W, Waisel D, Boretsky K**. A Case Report of Incidental Hepatic Cysts Found on Ultrasound Imaging: Implications for the Anesthesiologist. *A A Pract*. 2018 Jan 15;10(2):33-35. doi: 10.1213/XAA.0000000000000627. PubMed PMID: 28937424.
111. He D, Aggarwal N, **Zurakowski D**, Jonas RA, Berul CI, Hanumanthaiah S, Moak JP. Lower risk of postoperative arrhythmias in congenital heart surgery following intraoperative administration of magnesium. a 9-year experience analyzed with propensity-score matching. *J Thorac Cardiovasc Surg* 2018;156(2):763-770.

112. Heathcote, L., Rabner, J., **LeBel, A.**, Hernandez J., & **Simons, L.E.** (2018). Rapid Screening of Risk in Pediatric Headache: Application of the Pediatric Pain Screening Tool. *Journal of Pediatric Psychology*, 43(3), 243-251.
113. Heathcote, LC, Williams, SE, Smith, AM, Sieberg, CB, **Simons, LE.** Parent attributions of ambiguous symptoms in their children: A preliminary measure validation in parents of children with chronic pain, *Children*, in press.
114. **Hernandez MA**, Palazzi L, Lapalma J, **Cravero J.** Erector spinae plane block for inguinal hernia repair in preterm infants. *Paediatr Anaesth.* 2018 Mar;28(3):298-299. doi: 10.1111/pan.13325. Epub 2018 Jan 17. PubMed PMID: 29341379.
115. Hess AE, Vrahas MS, Morrison SM, Hall AM, **Zurakowski D**, Weaver MJ. Influence of season and weather on adult orthopaedic trauma volume and severity. *Orthop J Harvard Med School*; June 2018:46-51.
116. Hofferberth SC, Esch JJ, **Zurakowski D**, Baird CW, Mayer JE, Emani SM. Pulmonary atresia with ventricular septal defect and major aortopulmonary collaterals: collateral vessel disease burden and unifocalization strategies. *Cardiol Young.* 2018;28(9):1091-1098
117. **Holzman RS, Mancuso TJ, Cravero JA, DiNardo, JA.**, eds. *Pediatric Anesthesia Review: Clinical Cases for Self-Assessment.* 2nd Edition. New York. Springer. 2017.
118. Hong CR, **Zurakowski D**, Fullerton BS, Ariagno K, Jaksic T, **Mehta NM.** Nutrition delivery and growth outcomes in infants with gastroschisis. *J Parenter Enteral Nutr.* 2018;42(5):913-919.
119. Hoppe J.M., Frick A., Åhs F., **Linman C.**, Appel L., Jonasson M., Lubberink M., Långström B., Frans Ö., von Knorring L., Fredrikson M., Furmark T. Association between amygdala neurokinin-1 receptor availability and anxiety-related personality traits. *Translational Psychiatry* (in press).
120. **Houck CS**, Oldham KT. Not Just Individuals: The Importance of Collaborative Systems of Pediatric Surgical Care. *Anesth Analg.* 2017;125(2): 692-3.
121. **Houck CS**, Oldham KT. Optimization of pediatric surgical care is not the same as regionalization. *JAMA Surgery* 2018
122. **Houck CS, Vinson AE.** Anaesthetic considerations for surgery in newborns. *Arch Dis Child Fetal Neonatal Ed.* 2017;102(4):F359-F363.
123. Irace AL, Walker RD, Kawai K, Maddock M, Sideridis G, **Ferrari L**, Rahbar R. Development and validation of a quality of life instrument for patients with laryngeal cleft. *International Journal of Pediatric Otorhinolaryngology.* 2018 (in press)
124. Jafarpour S, Hodgeman RM, De Marchi Capeletto C, de Lima MTA, Kapur K, **Tasker RC**, Loddenkemper T. New-Onset Status Epilepticus in Pediatric Patients: Causes, Characteristics, and Outcomes. *Pediatr Neurol.* 2018; 80:61-69. PMID: 29373157
125. Johnson DJ, Johnson CC, **Goobie SM**, Nami N, Wetzler JA, Sponseller PD, Frank SM. High-dose Versus Low-dose Tranexamic Acid to Reduce Transfusion Requirements in Pediatric Scoliosis Surgery. *J Pediatr Orthop.* 2017 Dec;37(8):e552-e557. doi: 10.1097/BPO.0000000000000820. PubMed PMID: 29120963.
126. Kakar E, Corel LJA, **Tasker RC**, de Goederen R, Wolvius EB, Mathijssen IMJ, Joosten KFM. Electrocardiographic variables in children with syndromic craniosynostosis and primary snoring to

mild obstructive sleep apnea: significance of identifying respiratory arrhythmia during sleep. *Sleep Med.* 2018; 45:1-6. PMID: 29680416

127. Kamran A, Smithers CJ, Manfredi MA, Hamilton TE, Ngo PD, **Zurakowski D**, Jennings RW. Slide esophagoplasty vs end-to-end anastomosis for recalcitrant esophageal stricture after esophageal atresia repair. *J Am Coll Surg.* 2018;226(6):1045-1050.
128. Kamran A, Zendejas B, Demehri FR, Nath B, **Zurakowski D**, Smithers CJ. Risk factors for recurrence after thoracoscopic repair of congenital diaphragmatic hernia (CDH). *J Pediatr Surg.* 2018;53(11):2087-2091.
129. **Kantor DB**, Hirshberg EL, McDonald MC, Griffin J, Buccigrosso T, Stenquist N, Smallwood CD, Nelson KA, **Zurakowski, D**, Phipatanakul W, Hirschhorn JN (2018). Fluid Balance is Associated with Clinical Outcomes and Extravascular Lung Water in Children with Acute Asthma Exacerbation. *Am J Respir Crit Care Med.* 197(9), 1128-35. PMID 29313715
130. **Kantor DB, Mehta NM.** (2017). Ultrasound Measurement of Muscle Thickness: A Novel Biomarker for the PICU? *Pediatr Crit Care Med.* 18(8), 817–9. PMID 28796713
131. **Kantor DB**, Petty CR, Phipatanakul W, Gaffin JM (2018). Transcutaneous CO-Oximetry Differentiates Asthma Exacerbation and Convalescence in Children. *J Allergy Clin Immunol.* S0091-6749(18)30515-3. In press
132. **Kantor DB**, Phipatanakul W, Hirschhorn JN (2018). Gene-Environment Interactions Associated with the Severity of Acute Asthma Exacerbation in Children. *Am J Respir Crit Care Med.* 197(5), 545–7. PMID 29160726
133. **Karian VE**, Rabner J, & **LeBel A.** (2017). A Novel Approach to Head and Neck Stretching for People with Headaches. *Headache: The Journal of Head and Face Pain*, 57, Supplement S3, 137-138
134. Kim JM, Harris MB, **Zurakowski D**, Liu W, Jupiter JB, Kim JH, Vrahas MS. Predictors of carpal tunnel release after open distal radius fracture. *J Surg Orthop Adv.* 2017;26(4):227-232.
135. Kloesel B, **Kovatsis PG**, Faraoni D, et al. Incidence and predictors of massive bleeding in children undergoing liver transplantation: A single-center retrospective analysis. *Paediatr Anaesth.* 2017 July; 27(7): 718–725. <https://doi.org/10.1111/pan.13162>
136. Koechlin H, Donado C, **Berde CB, Kossowsky J.** Effects of Childhood Life Events on Adjustment Problems in Adolescence: A Longitudinal Study. *Journal of developmental and behavioral pediatrics : JDBP.* 2018; PMID: 29944491
137. Koechlin, H., **Coakley, R., Schechter, N.,** Werner, C. & **Kossowsky, J** (2018). The Role of Emotion Regulation in Chronic Pain: A Systematic Literature Review. *Journal of Psychosomatic Research*, 107, 38-45.
138. Koechlin, H., **Kossowsky, J.,** Gaab, J., Locher, C. (2018). How to address the placebo response in the prescription SSRIs and SNRIs in children and adolescents. *Expert Opinion on Drug Safety*, 17(6), 537-540, doi: 10.1080/14740338.2018.1475558
139. Kumar TKS, Subramanian S, Tansey JB, Figueroa M, **Zurakowski D**, Allen J, Shah S, Brauningner A, Bird L, Ali M, Knott-Craig CJ. Optimum position of transthoracic intracardiac line following cardiac surgery. *Interact Cardiovasc Thorac Surg.* 2017;25(6):883-886.

140. **Landrigan-Ossar, M.** Anesthesia for Interventional Radiology Procedures. In McCann, M., Matthes, K. and Greco, C., (Eds.) *Essentials of Anesthesia for Infants and Neonates*. Cambridge University Press, 2018
141. **Landrigan-Ossar, M., Cravero, J.P.** Sedation of Pediatric Patients. In Fleisher, L.A and Rosenbaum, S.H. (Eds.), *Complications in Anesthesia*, 3rd Edition. Elsevier, 2018.
142. LaRovere KL, Vonberg FW, Prabhu SP, Kapur K, Harini C, Garcia-Jacques R, Chao JH, **Akhondi-Asl A**, Thiagarajan R, **Tasker RC**. Patterns of Head Computed Tomography Abnormalities During Pediatric Extracorporeal Membrane Oxygenation and Association With Outcomes. *Pediatr Neurol*. 2017; 73:64-70. PMID: 28662916
143. Latremoliere A, **Costigan M**. Combining Human and Rodent Genetics to Identify New Analgesics. *Neurosci Bull*. 2018 Feb;34(1):143-155.
144. **Leahy IC**, Lavoie M, **Zurkowski D, Baier AW, Brustowicz RM**. Medication errors in a pediatric anesthesia setting: Incidence, etiologies, and error reduction strategies. *J Clin Anesth*. 2018;49:107-111.
145. Lee S, Reddington E, Koutsogiannaki S, **Hernandez M, Odegard KC, DiNardo JA, Yuki K**. Incidence and risk factors for perioperative cardiovascular and respiratory adverse events in pediatric patients with congenital heart disease undergoing noncardiac procedures. *Anesth Analg*. 2018; 127:724-29.
146. Linda Solstrand Dahlberg L.S. , **Becerra, L., Borsook, D., Linnman, C**. Brain changes after spinal cord injury, a quantitative meta-analysis and review *Neurosci Biobehav Rev*. 2018 Jul;90:272-293.
147. **Linnman C.**, Catana C., Petkov M.P., Chonde D.B., **Becerra L.**, Hooker J., **Borsook D**. Molecular and functional PET-fMRI measures of placebo analgesia in episodic migraine: Preliminary findings. *Neuroimage Clin*. 2017 Nov 15;17:680-690
148. Lisi V, Singh B, Giroux M, Guzman E, Painter MW, Cheng YC, Huebner E, Coppola G, **Costigan M**, Woolf CJ, Kosik KS. Enhanced Neuronal Regeneration in the CAST/Ei Mouse Strain Is Linked to Expression of Differentiation Markers after Injury. *Cell Rep*. 2017 Aug 1;20(5):1136-1147
149. Liu Q, Santamaria CM, Wei T, Zhao C, Ji T, Yang T, Shomorony A, Wang BY, **Kohane DS**: Hollow silica nanoparticles penetrate peripheral nerve and enhance nerve blockade from tetrodotoxin. *Nano Letters* 2018; 18: 32-37
150. Locher, C., Frey, N. A., Kirsch, I., **Kossowsky, J.**, Meyer, A., & Gaab, J. (2017). Is the rationale more important than deception? A randomized controlled trial of open-label placebo analgesia. *Pain*. 158(12), 2320-2328.
151. Locher, C., Koechlin, H., Zion, S., Werner, C, Kessler, R., Kirsch, I., Pine, D., & **Kossowsky, J.** (2017). Efficacy and Safety of SSRIs, SNRIs, and Placebo in Common Psychiatric Disorders: A Comprehensive Meta-Analysis in Children and Adolescents *JAMA Psychiatry*. 74(10), 1011-1020.
152. **Logan, Deirdre E.**, Laura S. Gray, Christina N. Iversen, and Susan Kim. "School Self-Concept in Adolescents With Chronic Pain." *Journal of Pediatric Psychology* 42, no. 8 (September 1, 2017): 892–901. <https://doi.org/10.1093/jpepsy/jsx063>.

153. **Madden K, Burns JP.** Caring for Long Length of Stay Patients in the Neonatal ICU and PICU: How Do We Ensure Coherent Decisions When the Physicians Are Continuously Rotating? *Pediatr Crit Care Med.* 2017 Sep; 18(9):907-908.
154. **McClain C and McManus, ML.** Intensive Care Considerations of Pediatric Neurosurgery. In: *Essentials of Pediatric Neuroanesthesia*, Cambridge University Press, 2018
155. **McClain C and McManus, ML.** Intensive Care Risks of Pediatric Neurosurgery. In: *Essentials of Neurosurgical Anesthesia & Critical Care: Strategies for Prevention, Early Detection, and Successful Management of Perioperative Complications*, 2nd Edition, Brambrink A and Kirsch JR editors, Springer, 2017
156. **Madden K, Burns JP.** Reading the Smoke Signals: What Is the Meaning of Burnout Among Pediatric Critical Care Physicians? *Crit Care Med.* 2018 Jan; 46(1):168-170.
157. **Madden K, Tasker RC.** Identify delirium, then investigate the underlying etiology: The authors reply. *Pediatr Crit Care Med.* 2018; 19:87-88. PMID: 29303900
158. Mahmoud M, **Mason KP.** Recent advances in intravenous anesthesia and anesthetics. *F1000Research.* 2018;7:F1000 Faculty Rev-470. doi:10.12688/f1000research.13357.1.
159. Mallory MD, Travers C, McCracken CE, Hertzog J, **Cravero JP.** Upper Respiratory Infections and Airway Adverse Events in Pediatric Procedural Sedation. *Pediatrics.* 2017 Jul;140(1). pii: e20170009. doi: 10.1542/peds.2017-0009. PubMed PMID: 28759404.
160. Manfredi MA, Clark S, Medford S, **Staffa SJ**, Hamilton T, Smithers CJ, Ngo P, Jennings R. Endoscopic electrocautery incisional therapy as a treatment for refractory benign pediatric esophageal strictures. *J Pediatr Gastroenterol Nutr.* 2018 In press. doi: 10.1097/MPG.0000000000002008.
161. Manfredi MA, Clark SJ, **Staffa SJ**, Ngo PD, Smithers CJ, Hamilton TE, Jennings RW. Endoscopic esophageal vacuum therapy: a novel therapy for esophageal perforations in pediatric. *J Pediatr Gastroenterol Nutr.* 2018. doi: 10.1097/MPG.0000000000002073
162. **Martinez EE**, Quinn N, Arouchon K, Anzaldi R, Tarrant S, Ma NS, Darras BT, **Graham RJ, Mehta NM.** Comprehensive nutritional and metabolic assessment in patients with spinal muscular atrophy: opportunity for an individualized approach. *Neuromuscul Disord.* 2018; e-pub Mar 19, 2018 ahead of print. DOI: 10.1016/j.nmd.2018.03.009.
163. Maslow DA, Joyce MF, Chen TH, Gorgone M, **DiNardo JA.** Hypoxemia after percutaneous mitral valve replacement. *J Cardiothorac Vasc Anesth.* 2018; e-pub February 2.
164. **Mason KP**, Burkle CM. Do patients require "escorts" or "carers" for discharge following day surgery and office-based anesthesia? Both sides of the debate explored. *Minerva anesthesiologica.* 2018;84(8):980-6. Epub 2017/12/15. doi: 10.23736/s0375-9393.17.12450-8. PubMed PMID: 29239156.
165. **Mason KP**, Cavaliere F. Office-based anesthesia: hot topics and expert opinions. *Minerva anesthesiologica.* 2018;84(8):883-4. Epub 2018/07/26. doi: 10.23736/s0375-9393.18.13116-6.
166. **Mason KP**, Mahmoud M. Pediatric anesthesia outside of the operating room. In: *Anesthesia Outside of the Operating Room*, 2nd edition. Urman RD, Gross WL, Philip BK, editors. USA: Oxford University Press; 2017.

167. **Mason KP**, Mahmoud M. Out of Operating Room Anesthesia: A Comprehensive Review. Goudra BG, Singh PM, editors. Switzerland: Springer, 2017.
168. **Mason KP**, Subramanyam R. Anesthesia in the MRI environment. In: Anesthesia Equipment: Principles and Applications, 3rd edition. Ehrenwerth J, Eisenkraft J, Berry J, editors. Elsevier, 2019 (Accepted 2018)
169. Mathijssen I, de Goederen R, Versnel SL, Joosten KFM, van Veelen MC, **Tasker RC**. Raised intracranial pressure and cognitive delay in craniosynostosis. *J Neurosurg Pediatr*. 2017; 20:498-502. PMID: 28820338
170. Matisoff AJ, Ari P, **Zurakowski D**, Espinel AG, Deutsch N, Reilly BK. Risk factors associated with the development of acquired airway disease after congenital heart surgery: a retrospective cohort study. *Seminars Cardiothorac Vasc Anesth*. 2018;22(3):294-299.
171. **Mehta NM, Tasker RC**. Nutrition for term neonates in the paediatric intensive care unit. *Lancet Child Adolesc Health* 2018 May 10. [Epub ahead of print]
172. Mercuri E, Finkel RS, Muntoni F, Wirth B, Montes J, Montes J, Main M, Mazzone ED, Vitale M, Snyder B, Quiano-Roy S, Bertini E, Hurst-Davis R, Meyer OH, Simonds AK, Schroth MK, **Graham RJ**, Kirschner J, Iannaccone ST, Crawford TO, Woods S, Qian Y, Sejersen T for the SMA Care group. Diagnosis and management of spinal muscular atrophy: part 1: recommendations for diagnosis, rehabilitation, orthopedic and nutritional care. *Neuromuscul Disord*. 2017; e-pub Nov 23, 2017 ahead of print
DOI: <http://dx.doi.org/10.1016/j.nmd.2017.11.005>
173. Michel ME, Konczyk DJ, Yeung KS, Murillo R, Vivero MP, Hall AM, **Zurakowski D**, Adams D, Gupta A, Huang AY, Chung BHY, Warman ML. Causal somatic mutations in urine DNA from persons with the CLOVES subgroup of the PIK3CA related overgrowth spectrum (PROS). *Clin Genet* 2018;93:1075-1080.
174. Morris S, Gould K, **Ferguson LP**. The Use of Daptomycin to Treat Methicillin-Resistant Staphylococcus Epidermidis Bacteremia in a Critically Ill Child with Renal Failure. *J Pediatr Pharmacol Ther*. 2017 Jul-Aug;22(4):300-303. doi: 10.5863/1551-6776-22.4.300. PubMed PMID: 28943826; PubMed Central PMCID: PMC5562211.
175. Morriss W, Milenovic M, **Evans F**. Education the heart of the matter. *Anesth Analg*. 2018; 126(4): 1305-1311. DOI: 10.1213/ANE.0000000000002664
176. Moskowitzova K, Shin B, Liu K, Ramirez-Barbieri G, Guariento A, Blitzer D, Thedsanamoorthy JK, Yao R, Snay ER, Inkster JA, Orfany A, **Zurakowski D**, Cowan DB, Packard AB, Visner GA, del Nido PJ, McCully JD. Mitochondrial transplantation prolongs cold ischemia time in murine heart transplantation. *J Heart Lung Transplant*. 2018, in press.
177. Mossetti V, **Boretsky K**, Astuto M, Locatelli BG, **Zurakowski D**, Lio R, Nicoletti R, Sonzogni V, Maffioletti M, Vicchio N, Ivani G. Persistent pain following common outpatient surgeries in children: a multicenter study in Italy. *Pediatr Anesth*. 2018;28(3):231-236.
178. Muhly WT, Beltran RJ, Bielsky A, Bryskin RB, Chinn C, Choudhry D, Cucchiario G, Fernandez A, Glover CD, Haile DT, Kost-Byerly S, Schnepfer GD, **Zurakowski D**, Agarwal R, Bhalla T, Eisdorfer S, Huang H, Maxwell LG, Thomas JT, Tjija I, Wilder RT, **Cravero JP**. Perioperative management and in-hospital outcomes following minimally invasive repair of pectus excavatum: A multicenter registry report from the Society for Pediatric Anesthesia Improvement Network (SPAIN). *Anesth Analg*. 2018, in press.

179. **Nasr VG, DiNardo JA.** Editorial comment: Can we replace midazolam with massage therapy in the pediatric cardiac ICU? *Pediatr. Crit. Care Med.* 2018; 19:780-2.
180. **Nasr VG,** Faraoni D, Valente AM, **DiNardo JA.** Outcomes and costs of cardiac surgery in adults with congenital heart disease. *Pediatr Cardiol.* 2017; 38:1359-64.
181. **Nasr VG,** Guzzetta NA, Miller-Hance WC, Twite M, Latham GJ, Nicolson SC, Mossad EB, **DiNardo, JA.** Consensus statement by the congenital cardiac anesthesia society: Milestones for the pediatric cardiac anesthesia fellowship. *Anesth Analg.* 2018; 126:198-207.
182. **Nasr VG,** Meserve J, **Pereira LM,** Faraoni D, Brediger S, **Goobie S,** Thiagarajan R, **DiNardo JA.** Sedative and Analgesic Drug Sequestration After a Single Bolus Injection in an Ex Vivo Extracorporeal Membrane Oxygenation Infant Circuit. *ASAIO J.* 2018 Mar 26. doi: 10.1097/MAT.0000000000000793. [Epub ahead of print] PubMed PMID: 29595531
183. **Nasr VG,** Meserve J, **Pereira LM,** Faraoni D, Brediger S, **Goobie S,** Thiagarajan R, **DiNardo JA.** Sedative and analgesic drug sequestration after a single bolus injection in an ex-vivo extracorporeal membrane oxygenation infant circuit. *ASAIO J.* 2018; epublish March 26.
184. **Nasr VG, Schure AY.** Congenital Heart Disease: Atrioventricular Septal Defects. In: Aglio LS, Urman RD, editors: *Anesthesiology Clinical Case Reviews.* 1st edition. Springer International Publishing. 2017, ISBN 978-3-319-50141-3
185. Nathan M, Brielle Tishler B, Gauvreau K, Matte GS, Howe RJ, Durham L, Boyle S, Mathieu D, Fynn-Thompson F, **DiNardo JA, Ibla JC.** A red cell preservation strategy reduces postoperative transfusions in pediatric heart surgery patients. *Paediatr Anaesth.* 2018; 28:450-7.
186. **Nelson, S., Simons, L., & Logan, D.** (2017) The incidence of adverse childhood experiences (ACEs) and their association with pain-related and psychosocial impairment in youth with chronic pain, *Clinical Journal of Pain*
187. O'Leary JD, **Goobie SM.** Improving venous thromboembolism management in children undergoing surgery. *Paediatr Anaesth.* 2018 May;28(5):378-379. doi: 10.1111/pan.13349. PubMed PMID: 29870137.
188. Olivieri LJ, **Zurakowski D,** Ramakrishnan K, Su L, Alfares FA, Irwin MR, Heichel J, Krieger A, Nath DS. Novel, 3D display of heart models in the postoperative care setting improves CICU caregiver confidence. *World J Pediatr Congenit Heart Surg.* 2018;9(2):206-213.
189. Olszewski AE, **Daniel DA,** Stein DR, McCulloch MI, Su SW, Hames DL, **Wolbrink TA.** Teaching Pediatric Peritoneal Dialysis Globally through Virtual Simulation. *Clinical Journal of the American Society of Nephrology* 2018: CJN-10460917. PMID: 29720505.
190. Olszewski AE, **Wolbrink TA.** Serious Gaming in Medical Education: A Proposed Structured Framework for Game Development. *Simul Healthc.* 2017 Aug; 12(4): 240-253. doi: 10.1097/SIH.0000000000000212. Review.
191. Pace JL, Nasreddine AY, Simoni M, **Zurakowski D,** Kocher MS. Dynamic splinting in children and adolescents with stiffness after knee surgery. *J Pediatr Orthop.* 2018;38(1):38-43.

192. Panzini CM, **Ehlinger DG**, Alchahin AM, Guo Y and **KG Commons**. 16p11.2 Deletion Syndrome Mice Perseverate with Active Coping Response to Acute Stress-Rescue by Blocking 5-HT_{2A} Receptors. *J Neurochem*. 2017 Dec 143(6):708-721.
193. **Park R, Peyton JM**, Fiadjoe JE, Hunyady AI, Kimball T, **Zurakowski D, Kovatsis PG**. The efficacy of GlideScope videolaryngoscopy compared with direct laryngoscopy in children who are difficult to intubate: an analysis from the paediatric difficult intubation registry. *Br J Anaesth*. 2017;119(5):984-992.
194. Patregnani JT, Sochet AA, **Zurakowski D**, Klugman D, Diab Y, Berger JT, Sinha P. Cardiopulmonary bypass reduces acute thrombosis of systemic-to-pulmonary artery shunts. *World J Pediatr Congenit Heart Surg*. 2018;9(3):276-282.
195. Penna FJ, Nguyen HT, **Houck CS**. Hyperkalemia after laparoscopic nephrectomy in patients with renal insufficiency. *Anesth Analg Case Reports* 2017;9(3):69-72.
196. Perez-Losada M, **Graham RJ**, Coquillotte M, Jafarey A, Castro-Nallar E, Aira M, Freishtat RJ, Mansbach JM. The temporal dynamics of the tracheal microbiome in tracheostomised patients with and without lower respiratory infections. *PLoS One*. 2017; 12(8): e0182520.
197. Peterson MB*, **Houck CS***, Deshpande JK, Flick RP. American College of Surgeons Children's Surgery Verification™ Quality Improvement Program: What anesthesiologists need to know now. *Anesth Analg*. May; 126(5):1624-1632. PMID: 29239957.
198. Phanphruk W., Alkharashi M., **Bilge A.**, Hunter D.G. (2017). Sedated Suture Adjustment in Children Undergoing Adjustable-Suture Strabismus Surgery. *Journal of the American Association for Pediatric Ophthalmology and Strabismus*. *J AAPOS* 2017 Jun; 21(3):196-200.
199. Pinyavat T, Saraiya NR, Chen J, **Ferrari LR**, Goffman D, Imahiyerobo TA, Middlesworth W, Hyman JE, Hyun G, **Houck CS**. Anesthesia Exposure in Children: Practitioners Respond to the 2016 FDA Drug Safety Communication. *J Neurosurg Anesthesiol*. 2018
200. Prieto M*, Rwei AY*, Alejo T, Tuo W, Lopez-Franco MT, Medoza G, Sebastian V, **Kohane DS***, Arruebo M*: Light emitting photon upconversion nanoparticles in the generation of transdermal reactive oxygen species. *ACS Applied Materials & Interfaces* 2017;9(48):41737-41747.
201. Rabner, J., Kaczynski, K.J., **Simons, L.E., & LeBel, A.** (2017). The Sleep Hygiene Inventory for Pediatrics (SHIP): Development and validation of a new measure of sleep in a sample of children and adolescents with chronic headache. *Journal of Child Neurol*. 32(13), 1040-1046.
202. Rabner, J., Kaczynski, K.J., **Simons, L.E., & LeBel, A.** (2018). Sleep Disturbance and Pediatric Headache: A Comparison of Diagnostic Groups. *Headache: The Journal of Head and Face Pain*, 58(2), 217-228.
203. Rabner, J., Ludwick, A., & **LeBel, A.** (2018). Differences in Pediatric Headache Prescription Patterns by Diagnosis. *Pediatric Drugs*, 20(3), 273-284
204. Raghuram A, Gowrisankaran S, Swanson, **Zurakowski D**, Hunter DG, Waber DP. Elevated frequency of visual deficits in children with developmental dyslexia. *JAMA Ophthalmol* 2018;136(10):1089-1095.
205. Ramakrishnan K, **Zurakowski D**, Pastor W, Jonas RA, Sinha P. Management of symptomatic tetralogy of Fallot in young infants: primary repair vs. systemic to pulmonary artery shunt – a propensity-score matched multicenter PHIS database analysis. *World J Pediatr Congenit Heart Surg* 2018;9(5):539-545.

206. Ramirez-Barbieri G, Moskowitsova K, Shin B, Blitzer D, Orfany A, Guariento A, Iken K, Friehs I, **Zurakowski D**, Del Nido PJ, McCully JD. Alloreactivity and allorecognition of syngeneic and allogeneic mitochondria. *Mitochondrion*. 2018, in press.
207. Ramos-Gonzalez G, LaQuaglia M, O'Neill AF, Elisofon S, **Zurakowski D**, Kim HB, Vakili K. Long-term outcomes of liver transplantation for hepatoblastoma: a single-center 14-year experience. *Pediatr Transpl*. 2018, in press.
208. Randall, Edin T., Kelly R. Smith, Caitlin Conroy, Allison M. Smith, **Navil Sethna**, and Deirdre E. Logan. "Back to Living: Long Term Functional Status of Pediatric Patients Who Completed Intensive Interdisciplinary Pain Treatment." *The Clinical Journal of Pain*. April 10, 2018. <https://doi.org/10.1097/AJP.0000000000000616>.
209. **Randolph AG**, Xu R, Novak T, Newhams MM, Bubeck Wardenburg J, Weiss SL, Sanders RC, Thomas NJ, Hall MW, Tarquinio KM, Cvijanovich N, Gedeit RG, Truemper EJ, Markovitz B, Hartman ME, Ackerman KG, Giuliano Jr. JS, Shein SL, Moffitt K. Vancomycin Monotherapy May Be Insufficient to Treat Methicillin-resistant Staphylococcus aureus Coinfection in Children with Influenza-Related Critical Illness. *Clin Infect Dis*. 2018, in press.
210. **Randolph AG**, Yip WK, Allen EK, Rosenberger CM, Agan AA, Ash SA, Zhang Y, Bhangale TR, Finkelstein D, Cvijanovich N, Mourani PM, Hall M, Su HC, Thomas PG. Evaluation of IFITM3 rs12252 association with severe pediatric influenza infection. *J Infect Dis*. 2017; 216: 14-21.
211. **Randolph AG**. A biosignature predicting complicated course in children presenting in septic shock: why PERSEVERE? *Amer J Resp Crit Care Med*. 2017; 196: 411-413.
212. Resnick CM, Kooiman TD, Calabrese CE, **Zurakowski D**, Padwa BL, Koudstaal MJ, Estroff JA. An algorithm for predicting Robin sequence from fetal MRI. *Prenatal Diag*. 2018;38:357-364.
213. **Rettig JS, Arnold JH**. Dexmedetomidine in the PICU: Can We Get More for Less? (2017) *Pediatr Crit Care Med*. In press.
214. **Rettig JS**, Hoffman OL. "Pediatric Sepsis" Brian K. Walsh. *Neonatal and Pediatric Respiratory Care*, 5th edition (2017). In Press
215. **Rettig JS**. "Acute Respiratory Distress Syndrome" Brian K. Walsh. *Neonatal and Pediatric Respiratory Care*, 5th edition (2017). In Press
216. Ricklefs I, Barkas I, **Duval MG**, Cernadas M, Grossman NL, Israel E, Bleecker ER, Castro M, Erzurum SC, Fahy JV, Gaston BM, Denlinger LC, Mauger DT, Wenzel SE, Comhair SA, Coverstone AM, Fajt ML, Hastie AT, Johansson MW, Peters MC, Phillips BR, Levy BD, for the National Heart Lung and Blood Institute's Severe Asthma Research Program-3 Investigators. ALX Receptor Ligands Define a Biochemical Endotype for Severe Asthma. *JCI Insight*. 2017 July 20; 2(14). Epub ahead of print. PMID: 28724795.
217. Roback MG, Green SM, Andolfatto G, Leroy PL, **Mason KP**. Tracking and Reporting Outcomes Of Procedural Sedation (TROOPS): Standardized Quality Improvement and Research Tools from the International Committee for the Advancement of Procedural Sedation. *British journal of anaesthesia*. 2018;120(1):164-72. Epub 2018/02/06. doi: 10.1016/j.bja.2017.08.004. PubMed PMID: 29397125.
218. Robinson S, Robertson FC, Dasenbrock HH, O'Brien CP, **Berde C**, Padua H. Image-guided intrathecal baclofen pump catheter implantation: a technical note and case series. *Journal of neurosurgery. Spine*. 2017; 26(5):621-627. PMID: 28156208

219. Rodday AM, **Graham RJ**, Weidner RA, Rothrock NE, Dewalt DA, Parsons SK. Leveraging pediatric PROMIS item banks to assess physical functioning in children at risk for severe functional loss. *Journal of Patient Reported Outcome*. 2017; 1(1):10 e-pub DOI: <http://dx.doi.org/10.1186/s41687-017-0011-8>
220. Rodday AM, **Graham RJ**, Weidner RA, Terrin N, Leslie LK, Parsons SK. Predicting health care utilization for children with respiratory insufficiency using parent-proxy ratings of children's health-related quality of life. *J Pediatr Health Care*. 2017; 31(6): 654-662.
221. Rodday AM, Terrin N, Leslie LK, **Graham RJ**, Parsons SK. Understanding the relationship between child health-related quality of life and parent emotional functioning in hematopoietic stem cell transplant. *Journal of Pediatric Psychology*. 2017; 42(7): 804-814.
222. **Roussin C, Weinstock P**. SIMZones: An organizational innovation for simulation programs and centers. 2017. *Academic Medicine*. 92(8):1114-1120. 2017Aug.
223. Roux R, **Schaeffers MM****, Clark BS; Weatherholt M, Renaud D, Scott D, LiPuma JJ, **Priebe GP**, Gerard C, Yoder-Himes DR. A putative lateral flagella of the cystic fibrosis pathogen *Burkholderia dolosa* regulates swimming motility and host cytokine production. *PLoS ONE*. 2018;13(1):e0189810. PMID: 29346379
224. Rubin MA, **Truog RD**. What do do when there aren't enough beds in the PICU. *AMA Journal of Ethics*. 2017;19(2):157-163.
225. Rwei AY, Paris JL, Wang B, Wang W, Axon CD, Vallis-Regi M, Langer R, Kohane DS: Ultrasound-triggered local anesthesia. *Nat Biomed Eng* 2017; 1: 644-653.
226. Rwei AY, Sherburne RT, **Zurkowski D**, Wang B, **Kohane DS**. Prolonged duration local anesthesia using liposomal bupivacaine combined with liposomal dexamethasone and dexmedetomidine. *Anesth Analg*. 2018;126(4):1170-1175.
227. Rwei AY*, Wang BY*, Ji T, Zhan C, **Kohane DS**. Enhanced triggering of local anesthetic particles by photosensitization and photothermal effect using a common wavelength. *Nano Letters* 2017;17(11):7138-7145.
228. Sánchez Fernández I, Gaínza-Lein M, Abend NS, Anderson AE, Arya R, Brenton JN, Carpenter JL, Chapman KE, Clark J, Gaillard WD, Glauser TA, Goldstein JL, Goodkin HP, Helseth AR, Jackson MC, Kapur K, Lai YC, McDonough TL, Mikati MA, Nayak A, Peariso K, Riviello JJ Jr, **Tasker RC**, Tchapyjnikov D, Topjian AA, Wainwright MS, Wilfong A, Williams K, Loddenkemper T; Pediatric Status Epilepticus Research Group (pSERG). Factors associated with treatment delays in pediatric refractory convulsive status epilepticus. *Neurology*. 2018; 90(19):e1692-e1701. PMID: 29643084
229. Sánchez Fernández I, Sansevere AJ, Gaínza-Lein M, Buraniqi E, **Tasker RC**, Loddenkemper T. Time to continuous electroencephalogram in repeated admissions to the pediatric intensive care unit. *Seizure*. 2018; 54:19-26. PMID: 29182970
230. **Sanderson A**, O'Malley J. How to Get Started in Pediatric CDI. In: Linnea Archibald, editor. *Pediatric CDI: Building Blocks for Success*. HCPro. 2017
231. **Sanderson A**. Clinically Speaking: Dysphagia: A topic not easy to swallow. *CDI Journal*. Volume 12, Issue 3. May 1, 2018.

232. Sansevere AJ, Duncan ED, Libenson MH, Loddenkemper T, Pearl PL, **Tasker RC**. Continuous EEG in Pediatric Critical Care: Yield and Efficiency of Seizure Detection. *J Clin Neurophysiol*. 2017; 34:421-426. PMID: 28430674
233. Santamaria CM, **Woodruff AG**, Yang R, **Kohane DS**: Drug delivery systems for prolonged local anesthesia. *Materials Today* 2017;20(1):22-31.
234. Sartawi M, **Zurakowski D**, Rosenberg A. Implant survivorship and complication rates after total knee arthroplasty with a third-generation cemented system: 15-year follow-up. *Am J Orthop*. 2018;47(3). doi: 10.12788/ajo.2018.0018.
235. Saxen M, Tom J, **Mason KP**. Safety in Dental Anesthesia for Office-Based Practitioners. *Anesthesiology clinics*. 2019. (Accepted 2018)
236. **Schure AY**. Noncardiac surgery in Neonates and Infants with Cardiac Disease. In: McCann E, Grecco C, Matthes K, editors. *Essential of Anesthesia for Infants and Neonates*. 1st Edition, Cambridge University Press 2018, chapter 29, p302-320
237. **Schure AY, DiNardo, JA**. Cardiac Physiology and Pharmacology. In: Cote, Lerman and Anderson, editors: *A Practice of Anesthesia for Infants and Children*, 6th Edition, Elsevier-Saunders 2018, Chapter 18, p424-457.
238. Serres SK, Cameron DB, Glass CC, Graham DA, **Zurakowski D**, Karki M, Anandalwar SP, Rangel SJ. Time to appendectomy and risk of complicated appendicitis and adverse outcomes in children. *JAMA Pediatr*. 2017;171(8):740-746.
239. Shah AC, Ng WCK, Sinnott S, **Cravero JP**. Population analysis of predictors of difficult intubation with direct laryngoscopy in pediatric patients with and without thyroid disease. *J Anesth*. 2018 Feb;32(1):54-61. doi: 10.1007/s00540-017-2428-x. Epub 2017 Nov 17. PubMed PMID: 29149429.
240. Sharma M, MacKinnon S, **Zurakowski D**, Dagi LR. Consecutive superior oblique palsy after adjustable suture spacer surgery for Brown syndrome: incidence and predictors of risk. *J Am Assoc Pediatr Ophthalmol Strabismus* 2018, in press.
241. Shieh HF, Ahmed A, Rohrer L, **Zurakowski D**, Fauza DO. Donor mesenchymal stem cell linetics after transamniotic stem cell therapy (TRASCET) for experimental spina bifida. *J Pediatr Surg*. 2018;53:1134-1136.
242. Shieh HF, Smithers CJ, Hamilton TE, **Zurakowski D**, Visner GA, Manfredi MA, Baird CW, Jennings RW. Posterior tracheopexy for severe tracheomalacia associated with esophageal atresia (EA): primary treatment at the time of initial EA repair versus secondary treatment. *Front Surg*. 2018, Jan 15;4:80. doi: 10.3389/fsurg.2017.00080.
243. Sieberg CB, Taras C, Gomaa A, Nickerson C, Wong C, Ward C, Baskozos G, Bennett DLH, Ramirez JD, Themistocleous AC, Rice ASC, Shillo PR, Tesfaye S, Edwards RR, Andrews NA, **Berde C, Costigan M**. Neuropathic pain drives anxiety behavior in mice, results consistent with anxiety levels in diabetic neuropathy patients. *Pain Rep*. 2018 May 24;3(3):e651
244. **Simons LE**, Sieberg CB, Conroy C, Randall ET, Shulman J, **Borsook D, Berde C, Sethna NF**, Logan DE. Children With Chronic Pain: Response Trajectories After Intensive Pain Rehabilitation Treatment. *The journal of pain: official journal of the American Pain Society*. 2018; 19(2):207-218. NIHMSID: NIHMS917644 PMID: 29102693, PMCID: PMC5803450

245. Singh B, Latremoliere A, **Costigan M**. Congenital Insensitivity to Pain. In: Landmark Papers on Pain. Farquhar-Smith P, Beaulieu P Jaggard S, ed. 2017, Oxford University Press, Oxford, UK
246. Sinha P, Deutsch N, Ratnayaka K, He D, Peer M, Kurkluoglu M, Nuzskowski M, Montague E, Mikesell G, **Zurakowski D**, Jonas RA. Pump in parallel-mechanical assistance of partial cavopulmonary circulation using a conventional ventricular assist device. *ASAIO J*. 2018;64(2):238-244.
247. Sinha L, Ozturk M, **Zurakowski D**, Yerebakan C, Ramakrishnan K, Jonas RA, Sinha P. Intra-extra cardiac versus extracardiac Fontan modifications: Comparison of early outcomes. *Ann Thorac Surg*. 2018, in press.
248. Sinsky JL, Vecchione TM, Ekstrom BG, **Boretsky K**. Benefits of Ultrasound Imaging for Placement of Caudal Epidural Blockade in 3 Pediatric Patients: A Case Report. *A A Pract*. 2018 Jun 1;10(11):307-309. doi: 10.1213/XAA.0000000000000693. PubMed PMID: 29634564.
249. **Staffa SJ, Kohane DS, Zurakowski D**. Quantile regression and its applications: a primer for anesthesiologists. *Anesth Analg*. 2018, in press.
250. **Staffa SJ, Zurakowski D**. Five steps to successfully implement and evaluate propensity score matching in clinical research studies. *Anesth Analg*. 2018;127(4):1066-1073.
251. **Staffa SJ, Zurakowski D**. Recent trends in utilization of statistical methods in anesthesia research: 2012-2017. *Trends Anes Surg*. 2018;1:1. doi: 10.15761/TAS.1000102
252. **Staffa SJ, Zurakowski D**. Statistical evaluation of diagnostic tests: a primer for pediatric surgeons. *J Pediatr Surg* 2018, in press.
253. Stinnett GR, Lin S, Korotcov AV, Korotcova L, Morton PD, Ramachandra SD, Pham A, Kumar S, Agematsu K, **Zurakowski D**, Wang PC, Jonas RA, Ishibashi N. Microstructural alterations and oligodendrocyte dysmaturation in white matter after cardiopulmonary bypass in a juvenile porcine model. *J Am Heart Assoc*. 2017;6(8). doi: 10.1161/JAHA.117.005997.
254. **Streiff A**, Mahoney B, Orlando B. A Program Director Survey of the Clinical Base Year in Anesthesiology Residency Programs. (in press 2018 Mar Issue 1).
255. Sulciner ML, Serhan CN, Gilligan MM, Mudge DK, Chang J, Lehner KA, Bielenberg DR, Schmidt B, Dalli JD, Greene ER, Gus-Brautbar Y, Piwowarski J, Benny O, Mammoto T, Vergilio J, **Zurakowski D**, Perretti M, Sukhatme VP, Kaipainen A, Kieran MW, Hunag S, Panigrahy D. Resolvin mediated clearance suppresses cell debris-stimulated tumor growth. *J Exp Med*. 2018;215(1):115-140.
256. **Sweet, E.**, Shusterman, C. S., Nedeljkovic, M., **Solodiuk, J. C**. Nurse practitioner Administered Chloroprocaine in Children with Post-Operative pain. *Pain Management Nursing*. 2018. DOI: 10.1016/j.pmn.2017.11.003.
257. Tashjian JA, Frait H, **DiNardo JA**, Rouine-Rapp K. Inferior vena cava thrombus in a postpartum patient with Fontan physiology: A case report. *AA Case Rep* 2017; 9:136-9.
258. **Tasker RC, Akhondi-Asl A**. Updating Evidence for Using Therapeutic Hypothermia in Pediatric Severe Traumatic Brain Injury. *Crit Care Med*. 2017; 45:e1091. PMID: 28915185
259. **Tasker RC**. Movement disorders: an update. *Curr Opin Pediatr*. 2017; 29:650-651. PMID: 28906343

260. Taylor, N., Flick, S. Kililea, S., Dugna-Frost, T., **Solodiuk, J.C.** Opiate use in Children and Adolescents after anterior cruciate ligament repair. *Journal of Health Care Quality*. 2017. DOI: 10.1097/JHQ.0000000000000093
261. Thompson DR, **Zurakowski D**, Haberkern CM, Stricker PA, **Meier PM**. Endoscopic versus open repair for craniosynostosis in infants using propensity score matching to compare outcomes: A multicenter study from the Pediatric Craniofacial Collaborative Group. *Anesth Analg*. 2018;126(3):968-975.
262. Thompson DR, **Zurakowski D**, Haberkern CM, Stricker PA, **Meier PM**, Bannister C, Benzon H, Binstock W, Bosenberg A, Brzenski A, Budac S, Busso V, Capehart S, Chiao F, Cladis F, Collins M, Cusick J, Dabek R, Dalesio N, Falcon R, Fernandez A, Fernandez P, Fiadjoe J, Gangadharan M, Gentry K, Glover C, **Goobie S**, Gries H, Griffin A, Groenewald CB, Hajduk J, Hall R, Hansen J, Hetmaniuk M, Hsieh V, Huang H, Ingelmo P, Ivanova I, Jain R, Koh J, Kowalczyk-Derderian C, Kugler J, Labovsky K, Martinez JL, Mujallid R, Muldowney B, Nguyen KP, Nguyen T, Olutuye O, Soneru C, Petersen T, Poteet-Schwartz K, Reddy S, Reid R, Ricketts K, Rubens D, Skitt R, Sohn L, Staudt S, Sung W, Syed T, Szmuk P, Taicher B, Tetreault L, Watts R, Wong K, Young V, Zamora L; Pediatric Craniofacial Collaborative Group.. Endoscopic Versus Open Repair for Craniosynostosis in Infants Using Propensity Score Matching to Compare Outcomes: A Multicenter Study from the Pediatric Craniofacial Collaborative Group. *Anesth Analg*. 2018 Mar;126(3):968-975. doi: 10.1213/ANE.0000000000002454. PubMed PMID: 28922233.
263. Tory HO, Carrasco R, Griffin T, Huber AM, Kahn P, Robinson AB, **Zurakowski D**, Kim S. Comparing the importance of quality measurement themes in juvenile idiopathic inflammatory myositis between patients and families and healthcare professionals. *Pediatric Rheumatol Online J*. 2018;16(1):28.
264. Tracy S, Buchmiller TL, Ben-Ishay O, Barnewolt CE, Connolly SA, **Zurakowski D**, Phelps A, Estroff JA. The distended fetal hypopharynx: a sensitive and novel sign for the prenatal diagnosis of esophageal atresia. *J Pediatr Surg*. 2018;53(6):1137-1141.
265. **Truog RD, Tasker RC**. Counterpoint: "Should informed consent be required for apnea testing in patients with suspected brain death?" Yes. [with Rebuttal] *Chest*. 2017. (In Press)
266. **Truog RD, Tasker RC**. Rebuttal From Drs Truog and Tasker. *Chest*. 2017; 152:705-706. PMID: 28625578
267. **Truog RD**. Accounting for patients' religious beliefs: Introduction. In: Lynch HF, Cohen IG, Sepper E, eds. *Law, Religion, and Health in the United States*: Cambridge University Press; 2017
268. **Truog RD**. Expanding the Horizon of Our Obligations in the Clinician-Patient Relationship. *Hastings Cent Rep* 2017;47:40-1
269. **Truog RD**. Patient autonomy and professional expertise in decisions near the end of life: commentary on Francis Kamm. *Journal of Medical Ethics*. 2017;43(9):587-588.
270. **Truog RD**. The United Kingdom Sets Limits on Experimental Treatments: The Case of Charlie Gard. *JAMA* 2017. (In Press)
271. **van der Velden MG**, Sampadian G, Barrett MD, Brill RG, **Burns JP**. Pediatric Critical Care Medicine Training: 2004-2016. *Pediatr Crit Care Med*. 2018 Jan; 19(1):17-22.
272. **van der Velden, MG, Burns JP**, Greenwald, BM. Do Pediatric Subspecialty ICUs Improve Care? In: *Current Concepts in Pediatric Critical Care*. 2017

273. **Vinson AE, Houck CS.** Anesthetic Exposure and Neurodevelopmental Outcomes in the Neonate. *NeoReviews* 2018
274. **Vinson AE, Houck CS.** Topical and Local Anesthetics. In: *Pediatric Sedation Handbook*, Gooden C, Lowrie L, Jackson, B., editors.
275. **Vinson AE,** Randel G. Peer support in anesthesia: turning war stories into wellness. *Curr Opin Anaesthesiol.* 2018 Jun; 31(3):382-387. PMID: 29543613.
276. **Vlassakova BG,** Sinnott SM, Askins N, Callahan MX, **Leahy IC, Zurakowski D, Hickey PR, Cravero JP.** The anesthesia perioperative “call for help” experience at a quaternary pediatric medical center: analysis of 67,564 anesthesia encounters. *Anesth Analg* 2018;127(1):126-133.
277. Vo D, **Zurakowski D,** Faraoni D. Incidence and predictors of 30-day postoperative readmission in children *Paediatr Anaesth.* 2018;28(1):63-70.
278. Walco GA, Kopecky EA, Weisman SJ, Stinson J, Stevens B, Desjardins PJ, **Berde CB,** Krane EJ, Anand KJS, Yaster M, Dampier CD, Dworkin RH, Gilron I, Lynn AM, Maxwell LG, Raja S, Schachtel B, Turk DC. Clinical trial designs and models for analgesic medications for acute pain in neonates, infants, toddlers, children, and adolescents: ACTION recommendations. *Pain.* 2018; 159(2):193-205. NIHMSID: NIHMS918866 PMID: 29140927, PMCID: PMC5949239
279. Walsh BK, Smallwood C, **Rettig J,** Kacmarek RM, Thompson J, **Arnold JH.** Daily Goals Formulation and Enhanced Visualization of Mechanical Ventilation Variance Improves Mechanical Ventilation Score. (2017) *Respir Care.* 62(3):268-278
280. Wang Y, Barhoumi A, Tong R, Wang W, Xiaoran TJ, Li DL, Lyon SA, Reznor G, **Zurakowski D, Kohane DS.** BaTiO₃ core Au-shell nanoparticles for photothermal therapy and bimodal imaging. *Acta Biomaterialia.* 2018;72(5):287-294.
281. Wang KS, Cummings J, Stark A, **Houck CS.** Progress in Optimizing Resources in Children’s Surgical Care. *Pediatrics* (in press)
282. Ward DS, Williams MR, Berkenbosch JW, Bhatt M, Carlson D, Chappell P, Clark RM, Constant I, Conway A, **Cravero J,** Dahan A, Dexter F, Dionne R, Dworkin RH, Gan TJ, Gozal D, Green S, Irwin MG, Karan S, Kochman M, Lerman J, Lightdale JR, Litman RS, **Mason KP,** Miner J, O’Connor RE, Pandharipande P, Riker RR, Roback MG, Sessler DI, Sexton A, Tobin JR, Turk DC, Twersky RS, Urman RD, Weiss M, Wunsch H, Zhao-Wong A. Evaluating Patient-Centered Outcomes in Clinical Trials of Procedural Sedation, Part 2 Safety: Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research Recommendations. *Anesth Analg.* 2018 May 17. doi: 10.1213/ANE.0000000000003409. [Epub ahead of print] PubMed PMID: 29782404
283. Warren KE, Vezina G, Poussaint TY, Warmuth-Metz M, Chamberlain MC, Packer RJ, Brandes AA, Reiss M, Goldman S, Fisher MJ, Pollack IF, Prados MD, Wen PY, Chang SM, Dufour C, **Zurakowski D,** Kortmann RD, Kieran MW. Response assessment in medulloblastoma and leptomeningeal seeding tumors: recommendations from the Response Assessment in Pediatric Neuro-Oncology Committee. *Neuro Oncol.* 2018;20(1):13-23.
284. **Weinstock P,** Rehder R, Prabhu S, Forbes P, **Roussin C,** Cohen A. Creation of a novel simulator for minimally invasive neurosurgery: fusion of 3D printing and special effects. *J Neurosurg Pediatr.* 2017 Jul; 20(1):1-9

285. Wells E, Hachohen Y, Waldman A, Tillema JM, Soldatos A, Ances B, Benseler S, Bielekova B, Dale RC, Dalmau J, Gaillard W, Gorman M, Greenberg B, Hyslop A, Pardo CA, **Tasker RC**, Yeh EA, Bar-Or A, Pittock S, Vanderver A, Banwell B. Neuroimmune disorders of the central nervous system in children in the molecular era. *Nat Rev Neurol*. 2018 Jun 20. [Epub ahead of print]. PMID: 29925924
286. Wilcox, S., Ludwick, A., **LeBel, A., & Borsook, D.** (2017). Age- and sex-related differences in the presentation of pediatric migraine: a retrospective cohort study. *Cephalalgia*, 38(6), 1107-1118.
287. Williams MR, Nayshtut M, Hoefnagel A, McKeown A, Carlson DW, **Cravero J**, Lightdale J, **Mason KP**, Wilson S, Turk DC, Dworkin RH, Ward DS. Efficacy Outcome Measures for Pediatric Procedural Sedation Clinical Trials: An ACTION Systematic Review. *Anesth Analg*. 2018 Mar;126(3):956-967. doi: 10.1213/ANE.0000000000002456. PubMed PMID: 28922236.
288. Williamson P, Lechtig A, Hanna P, Okajima S, Biggane P, Nasr M, **Zurakowski D**, Duggal N, Nazarian A. Pressure distribution in the ankle and subtalar joint with routine and oversized foot orthoses. *Foot Ankle Int*. 2018;39(8):994-1000.
289. **Wolbrink TA**, Rubin L, **Burns JP**, Markovitz B. The Top Ten Websites in Critical Care Medicine Education Today. *J Intensive Care Med*. 2018 Jan 1:885066618759287. doi: 10.1177/0885066618759287. [Epub ahead of print] PMID: 29519206
290. Yang R, Okonkwo OS, **Zurakowski D, Kohane DS**. Synergy between chemical permeation enhancers and drug permeation across the tympanic membrane. *J Control Release*. 2018, in press.
291. Yang R, Wei T, Goldberg H, Wang W, Cullion K, **Kohane DS**: Getting drugs across biological barriers. *Adv Mater* 2017; 9(37).
292. Yelenskiy A, Gillette TB, Arosemena A, Stern AG, Garris WJ, Young CT, Hoyt M, Worley N, **Zurakowski D**, Ayyala RS. Patient outcomes following micropulse transscleral cyclophotocoagulation: Intermediate term results. *J Glaucoma*. 2018;27(10):920-925.
293. Youssef, A. M., Ludwick, A., Wilcox, S. L., **LeBel, A., Peng, K.**, Colon, E., Danehy, A., Burstein, R., **Becerra, L.** and **Borsook, D.** (2017). In child and adult migraineurs the somatosensory cortex stands out ... again: An arterial spin labeling investigation. *Human Brain Mapping*, 38(8), 4078-4087.
294. **Yuki K, Koutsogiannaki S**, Lee S, **DiNardo JA**. Unanticipated hospital admission in pediatric patients with congenital heart disease undergoing ambulatory non-cardiac surgical procedures. *Paediatr Anaesth*. 2018; epublish May 18.
295. **Yuki K**, Lee S, **Staffa SJ, DiNardo JA**. Induction techniques for pediatric patients with congenital heart disease undergoing non-cardiac procedures are influenced by cardiac functional status and residual lesion burden. *J Clin Anesth*. 2018; 50:14-17. Doi: 10.1016/j.jclinane.2018.06.022
296. **Zaleski KL, DiNardo JA, Nasr VG**. Bivalirudin for pediatric procedural anticoagulation: A narrative review. *Anesth Analg*. 2018; epublish February 14.
297. Zona E, Morris AJ, Briggs SM, **Rockoff MA**. Responding to a Medical Crisis: Lessons from the Halifax Disaster 100 Years Ago. *Am J Emerg Med*. 2018; 13(1): 45-56.