

PEER REVIEWED PUBLICATIONS: 2019 to June 2020

(plus 2015 - 2018)

**STATE UNIVERSITY OF NEW YORK DOWNSTATE HEALTH SCIENCES -
DEPARTMENT OF PEDIATRICS**

ADOLESCENT MEDICINE 2019- June 2020: (Last Updated Dr. A. Suss Sept 2019

1. Shao SJ, Nurse C, Michel L, Joseph MA, Suss AL. Attitudes and Perceptions of the Human Papillomavirus Vaccine in Caribbean and African American Adolescent boys and Their Parents. *J Pediatr Adolesc Gynecol.* 2015 Oct;28(5):373-7. doi: 10.1016/j.jpag.2014.11.003. Epub 2014 Dec 9. PMID: 2620986
2. Pastolero PC, Maik R, Thomas B, Hammerschlag HR, Suss A. If we make it, will they take it?: Patient Attitudes Towards Acceptability of Over the Counter Testing for Chlamydia Trachomatis. Presented at the Annual Meeting of the Society for Adolescent Health and Medicine, Washington, DC, March 6-9, 2019.

AMBULATORY PEDIATRICS:

1. Dinkevich E, Leid L, Pryor K, Wei Y, Huberman H, Carnell S. Mothers' feeding behaviors in infancy: Do they predict child weight trajectories? *Obesity (Silver Spring).* 2015 Dec;23(12):2470-6. doi: 10.1002/oby.21320. Epub 2015 Nov 5 PMID:26537027

BEHAVIOR AND DEVELOPMENTAL PEDIATRICS 2019- June 2020:

(last UPDATED Dr. Huberman Sept 2019)

1. Frye RE, Rossignol D, Scahill L, McDougle CJ, Huberman H, Quadros, EV. Treatment of Folate Metabolism Abnormalities in Autism Spectrum Disorder. *Seminars in Pediatric Neurology* (in preparation).
2. Goldstein NA, Gorynski M, Yip C, Harounian J, Huberman H, Weedon J. Developmental delay in young children with sleep-disordered breathing before and after tonsil and adenoid surgery.
3. *Int J Pediatr Otorhinolaryngol.* 2016 Jun;85:107-11. doi: 10.1016/j.ijporl.2016.03.022. Epub 2016 Mar 28. PMID:27240507
4. Weisleder A, Cates CB, Dreyer BP, Berkule Johnson S, Huberman HS, Seery AM, Canfield CF, Mendelsohn AL. Promotion of Positive Parenting and Prevention of Socioemotional Disparities.
5. *Pediatrics.* 2016 Feb;137(2):e20153239. doi: 10.1542/peds.2015-3239. Epub 2016 Jan 27. PMID: 26817934
6. Dinkevich E, Leid L, Pryor K, Wei Y, Huberman H, Carnell S. Mothers' feeding behaviors in infancy: Do they predict child weight trajectories? *Obesity (Silver Spring).* 2015 Dec;23(12):2470-6. doi: 10.1002/oby.21320. Epub 2015 Nov 5. PMID:26537027

7. Canfield CF, Weisleder A, Cates CB, Huberman HS, Dreyer BP, Legano LA, Johnson SB, Seery A, Mendelsohn AL. Primary Care Parenting Intervention and Its Effects on the Use of Physical Punishment Among Low-Income Parents of Toddlers. *J Dev Behav Pediatr.* 2015 Oct;36(8):586-93. doi: 10.1097/DBP.000000000000206.PMID:26375804

NEONATOLOGY

SUNY NEONATAL PERINATAL MEDICINE: (University Hospital of Brooklyn; Kings County Medical Center, Maimonides Hospital)

UNIVERSITY HOSPITAL 2019 to June 2020 : (Updated June 2020 JVA)

2019 to June 2020:

1. Guzel S, Cai CL, Ahmad T, Quan M, Valencia GB, Aranda JV, Beharry KD. Bumetanide Suppression of Angiogenesis in a Rat Model of Oxygen-Induced Retinopathy. *Int J Mol Sci.* 2020 Feb 2;21(3):987. doi: 10.3390/ijms21030987.PMID: 32024231
2. Abrantes MA, Valencia AM, Bany-Mohammed F, Aranda JV, Beharry KD. Intergenerational Influence of Antenatal Betamethasone on Growth, Growth Factors, and Neurological Outcomes in Rats. *Reprod Sci.* 2020 Jan;27(1):418-431. doi: 10.1007/s43032-019-00073-w. Epub 2020 Jan 1.PMID: 32046399
3. Aranda JV, Qu J, Valencia GB, Beharry KD. Pharmacologic interventions for the prevention and treatment of retinopathy of prematurity. *Semin Perinatol.* 2019 Oct;43(6):360-366. doi: 10.1053/j.semperi.2019.05.009. Epub 2019 May 11. PMID: 31153620
4. Abrantes MA, Valencia AM, Bany-Mohammed F, Aranda JV, Beharry KD. Combined antenatal and postnatal steroid effects on fetal and postnatal growth, and neurological outcomes in neonatal rats *Am J Transl Res.* 2019 Mar 15;11(3):1697-1710. eCollection 2019 PMID: 30972194 Free PMC Article
5. Smith LEH, Hellström A, Stahl A, Fielder A, Chambers W, Moseley J, Toth C, Wallace D, Darlow BA, Aranda JV, Hallberg B, Davis JM; Retinopathy of Prematurity Workgroup of the International Neonatal Consortium. Development of a Retinopathy of Prematurity Activity Scale and Clinical Outcome Measures for Use in Clinical Trials . *JAMA Ophthalmol.* 2019 Mar 1;137(3):305-311. doi: 10.1001/jamaophthalmol.2018.5984 PMID: 30543348 Free PMC Article

2015 to 2018:

6. Valencia AM, Abrantes MA, Hasan J, Aranda JV, Beharry KD. Reactive Oxygen Species, Biomarkers of Microvascular Maturation and Alveolarization, and Antioxidants in Oxidative Lung Injury. *React Oxyg Species (Apex)*. 2018 Nov;6(18):373-388. doi: 10.20455/ros.2018.867 PMID: 30533532 Free PMC
7. Beharry KD, Cai CL, Siddiqui F, Chowdhury S, D'Agrosa C, Valencia GB, Aranda JV. Comparative Effects of Coenzyme Q10 or n-3 Polyunsaturated Fatty Acid Supplementation on Retinal Angiogenesis in a Rat Model of Oxygen-Induced Retinopathy. *Antioxidants (Basel)*. 2018 Nov 9;7(11). pii: E160. doi: 10.3390/antiox7110160. PMID: 30423931
8. Abrantes MA, Valencia AM, Bany-Mohammed F, **Aranda JV**, Beharry KD.; Dose response effects of postnatal hydrocortisone on growth and growth factors in the neonatal rat. *Steroids*. 2018 Aug 22;140:1-10. doi: 10.1016/j.steroids.2018.08.003. PMID:30142369
9. Nicolau Y, Bany-Mohammed F, Cai CL, **Aranda JV**, Beharry KD. SiRNA silencing of VEGF, IGFs, and their receptors in human retinal microvascular endothelial cells. *Am J Transl Res*. 2018 Jul 15;10(7):1990-2003. eCollection 2018. PMID:30093937
10. Cai C, **Aranda JV**, Valencia GB, Xu J, Beharry KD. Chronic Intermittent Hypoxia Causes Lipid Peroxidation and Altered Phase 1 Drug Metabolizing Enzymes in the Neonatal Rat Liver. *React Oxyg Species (Apex)*. 2017 May;3(9):218-236. Epub 2017 May 1. PMID:29806035
11. Beharry KD, Cai CL, Skelton J, Siddiqui F, D'Agrosa C, Calo J, Valencia GB, Aranda JV. Oxygen-Induced Retinopathy from Recurrent Intermittent Hypoxia Is Not Dependent on Resolution with Room Air or Oxygen, in Neonatal Rats. *Int J Mol Sci*. 2018 May 1;19(5). pii: E1337. doi:0.3390/ijms19051337. PMID:29724000
12. Beharry KD, Cai CL, Ahmad T, Guzel S, Valencia GB, **Aranda JV**. Impact of Chronic Neonatal Intermittent Hypoxia on Severity of Retinal Damage in a Rat Model of Oxygen-Induced Retinopathy. *J Nat Sci*. 2018;4(3). pii: e488. PMID:29552637
13. Cai C, Ahmad T, Valencia GB, **Aranda JV**, Xu J, Beharry KD. Intermittent hypoxia suppression of growth hormone and insulin-like growth factor-I in the neonatal rat liver. *Growth Horm IGF Res*. 2018 Aug;41:54-63. doi: 10.1016/j.ghir.2018.03.001. Epub 2018 Mar 8. PMID:29544682
14. Beharry KD, Cai CL, Henry MM, Chowdhury S, Valencia GB, **Aranda JV**. Co-Enzyme Q10 and n-3 Polyunsaturated Fatty Acid Supplementation Reverse Intermittent Hypoxia-Induced Growth Restriction and Improved Antioxidant Profiles in Neonatal Rats. *Antioxidants (Basel)*. 2017 Dec 16;6(4). pii: E103. doi: 10.3390/antiox6040103. PMID:29258174
15. Aranda JV. Evolution of Pharmacotherapeutics and Pharmacotoxidromes in Newborns and Children: Progress and Challenges: *Pediatr Clin North Am*. 2017 Dec;64(6):xv-xvii. doi: 10.1016/j.pcl.2017.09.002. PMID:29173795

16. Aranda JV, Salomone F, Valencia GB, Beharry KD. Non-steroidal Anti-inflammatory Drugs in Newborns and Infants. *Pediatr Clin North Am*. 2017 Dec;64(6):1327-1340. doi: 10.1016/j.pcl.2017.08.009. PMID:29173788
17. Beharry KD, Cai CL, Soontarapornchai K, Ahmad T, Valencia GB, Aranda JV. INTERMITTENT HYPOXIA ALTERS DOSE DEPENDENT CAFFEINE EFFECTS ON RENAL PROSTANOIDS AND RECEPTORS IN NEONATAL RATS. *Prostaglandins Other Lipid Mediat*. 2017 Oct 26. pii: S1098-8823(17)30058-8. doi:0.1016/j.prostaglandins.2017.10.004. PMID: 29107023
18. Davis JM, Baer GR, Portman R, Nelson R, Storari L, Aranda JV, Bax R, Zajicek A, Klein A, Turner M, Baygani S, Thomson M, Allegaert K; International Neonatal Consortium. Enrollment of Neonates in More Than One Clinical Trial. *Clin Ther*. 2017 Oct;39(10):1959-1969. doi: 10.1016/j.clinthera.2017.09.006. Epub 2017 Oct 4. Review. PMID:28987269
19. Beharry KD, Cai CL, Valencia GB, Lazzaro D, Valencia AM, Salomone F, Aranda JV. human Retinal Endothelial Cells and Astrocytes Cultured On 3-D Scaffolds for Ocular Drug Discovery and Development. *Prostaglandins Other Lipid Mediat*. 2017 Sep 15. pii: S1098-8823(17)30067-9. doi: 10.1016/j.prostaglandins.2017.09.005. [Epub ahead of print] PMID:28923362
20. Beharry KD, Cai CL, Valencia GB, Valencia AM, Lazzaro DR, Bany-Mohammed F, Aranda JV. Neonatal Intermittent Hypoxia, Reactive Oxygen Species, and Oxygen-Induced Retinopathy Reactive Oxygen Species 2017;3(7):12–25.
21. Quan M, Cai CL, Valencia GB, Valencia AM, Aranda JV, Beharry KD. MnTBAP or Catalase Is More Protective against Oxidative Stress in Human Retinal Endothelial Cells Exposed to Intermittent Hypoxia than Their Co-Administration (EUK-134). *Reactive Oxygen Species* 2017;3(7):47–65.
22. Cai CL, Aranda JV, Valencia GB, Xu J, Beharry KD. Chronic Intermittent Hypoxia Causes Lipid Peroxidation and Altered Phase 1 Drug Metabolizing Enzymes in the Neonatal Rat Liver. *Reactive Oxygen Species* 2017;3(9):218–236,
23. Tan JJ, Cai CL, Shrier EM, McNally L, Lazzaro DR, Aranda JV, Beharry KD. Ocular Adverse Effects of Intravitreal Bevacizumab Are Potentiated by Intermittent Hypoxia in a Rat Model of Oxygen-Induced Retinopathy. *J Ophthalmol*. 2017;2017:4353129. doi: 10.1155/2017/4353129. Epub 2017 Jul 9. PMID:28770109
24. Valencia AM, Cai CL, Tan J, Duggan TJ, Valencia GB, Aranda JV, Beharry KD. Intravitreal bevacizumab alters type IV collagenases and exacerbates arrested alveologenesis in the neonatal rat lungs. *Exp Lung Res*. 2017 Apr;43(3):120-133. doi: 10.1080/01902148.2017.1306897. Epub 2017 Apr 14. PMID: 28409646
25. Beharry KD, Cai CL, Soontarapornchai K, Ahmad T, Valencia GB, Aranda JV. Intermittent Hypoxia Alters Dose Dependent Caffeine Effects on Renal Prostanoids and Receptors in Neonatal Rats. *Prostaglandins Other Lipid Mediat*. 2017 .
26. Yazdanyar F, Cai CL, Ahmad T, Aranda JV, Shrier E, Lazzaro DR, Beharry KD. Bevacizumab is More Effective Than Aflibercept for Suppression of Angiogenesis in Human Retinal Microvascular Endothelial Cells Exposed to Intermittent Hypoxia. *Journal of Ophthalmology* 2017.

27. Cai CL, Ahmad T, Valencia GB, Aranda JV, Xu J, Beharry KD. Intermittent Hypoxia Suppression of Growth Hormone and Insulin-Like Growth Factor-I in the Neonatal Rat Liver. *Growth Hormone IGF Research* 2017 (Accepted).
28. Ibrahim ZH, Chari G, Abdel Baki S, Bronshtein V, Kim MR, Weedon J, Cracco J, Aranda JV. Wireless multichannel electroencephalography in the newborn. *J Neonatal Perinatal Med.* 2016;9(4):341-348. doi: 10.3233/NPM-161643. PMID:28009337
29. Aranda JV, Cai CL, Ahmad T, Bronshtein V, Sadeh J, Valencia GB, Lazzaro DR, Beharry KD. Pharmacologic synergism of ocular ketorolac and systemic caffeine citrate in rat oxygen-induced retinopathy. *Pediatr Res.* 2016 Oct;80(4):554-65. doi: 10.1038/pr.2016.105. Epub 2016 May 16 PMID:27438224
30. Beharry KD, Valencia GB, Lazzaro DR, Aranda JV. Pharmacologic interventions for the prevention and treatment of retinopathy of prematurity. *Semin Perinatol.* 2016 Apr;40(3):189-202. doi: 10.1053/j.semperi.2015.12.006. Epub 2016 Jan 29. Review. PMID: 26831641
31. Aranda JV. Challenges and lessons learned in Neonatal Drug Therapies. *Semin Perinatol.* 2016 Apr;40(3):137. doi: 10.1053/j.semperi.2015.12.001. Epub 2016 Jan 12. No abstract available. PMID: 26791054
32. Ericson JE, Kaufman DA, Kicklighter SD, Bhatia J, Testoni D, Gao J, Smith PB, Prather KO, Benjamin DK Jr; Fluconazole Prophylaxis Study Team on behalf of the Best Pharmaceuticals for Children Act–Pediatric Trials Network Steering Committee; Fluconazole Prophylaxis Study Team on behalf of the Best Pharmaceuticals for Children Act–Pediatric Trials Network Steering Committee. Fluconazole Prophylaxis for the Prevention of Candidiasis in Premature Infants: A Meta-analysis Using Patient-level Data. *Clin Infect Dis.* 2016 Sep 1;63(5):604-10. doi: 10.1093/cid/ciw363. Epub 2016 Jun 13. PMID:27298330
33. D'Souza A, Algotar A, Pan L, Schwarz SM, Treem WR, Valencia G, Rabinowitz SS. Packed red blood cell transfusions as a risk factor for parenteral nutrition associated liver disease in premature infants *World J Clin Pediatr.* 2016 Nov 8;5(4):365-369. eCollection 2016 Nov 8. PMID:27872824
34. Tu C, Beharry KD, Shen X, Li J, Wang L, Aranda JV, Qu J. Proteomic profiling of the 2retinas in a neonatal rat model of oxygen-induced retinopathy with a reproducible ion-current-based MS1 approach. *J Proteome Res.* 2015 May 1;14(5):2109-2120. doi: 10.1021/pr501238m. Epub 2015 Apr 6. PMID: 25780855
35. Inayat M, Bany-Mohammed F, Valencia A, Tay C, Jacinto J, Aranda JV, Beharry KD. Antioxidants and Biomarkers of Oxidative Stress in Preterm Infants with Symptomatic Patent Ductus Arteriosus. *Am J Perinatol.* 2015 Jul;32(9):895-904. doi: 10.1055/s-0035-1544948. Epub 2015 Feb 25. PMID: 25715313
36. Jivabhai Patel S, Bany-Mohammed F, McNally L, Valencia GB, Lazzaro DR, Aranda JV, Beharry KD. Exogenous Superoxide Dismutase Mimetic Without Scavenging H₂O₂ Causes Photoreceptor Damage in a Rat Model for Oxygen-Induced Retinopathy. *Invest Ophthalmol Vis Sci.* 2015 Feb 10;56(3):1665-77. doi: 10.1167/iovs.14-15321. PMID:25670494
37. Vo HD, Sequeira JM, Quadros EV, Schwarz SM, Perenyi AR. The role of folate receptor autoantibodies in preterm birth. *Nutrition.* 2015 Oct;31(10):1224-7. doi: 10.1016/j.nut.2015.04.008. Epub 2015 May 11. PMID: 26238535

38. Tutag Lehr V, Cortez J, Grever W, Cepeda E, Thomas R, Aranda JV. Randomized placebo-controlled trial of sucrose analgesia on neonatal skin blood flow and pain response during heel lance. *Clin J Pain*. 2015 May;31(5):451-8. doi: 10.1097/AJP.000000000000126. PMID: 24918475

KINGS COUNTY NEONATOLOGY (2019 to June 2020 (last Updated Dr. Hand June 27,2020)
2019-June 2020

39. Guzel S, **Mundakel G**, Lal P, Limbu S, **Hand I**, **Ranu S.** Diagnostic Quandary in Early-Onset Sepsis in Newborns and Implications for Management. *J Neonatol Clin Pediatr* 2020; 7: 046
40. Gonzalez D, Laughon MM, Smith PB, Ge S, Ambalavanan N, Atz A, Sokol GM, Hornik CD, Stewart D, **Mundakel G**, Poindexter BB, Gaedigk R, Mills M, Cohen-Wolkowicz M, Martz K, Hornik CP; Best Pharmaceuticals for Children Act - Pediatric Trials Network Steering Committee. Population pharmacokinetics of sildenafil in extremely premature infants. *Br J Clin Pharmacol*. 2019;85(12):2824-2837. PMID: 31475367
41. Watt KM, Hornik CP, Balevic SJ, **Mundakel G**, Cotten CM, Harper B, Benjamin DK Jr, Anand R, Laughon M, Smith PB, Cohen-Wolkowicz M; Best Pharmaceuticals for Children Act - Pediatric Trials Network Steering Committee. Pharmacokinetics of ticarcillin-clavulanate in premature infants. *Br J Clin Pharmacol*. 2019;85(5):1021-1027. PMID: 30710387
42. Taing R, Galescu O, Noble L, **Hand IL**. Factors Influencing Paternal Attachment Among Preterm Infants in an Urban Neonatal Intensive Care Unit. *Cureus* 12(6): e8476. doi:10.7759/cureus.8476
43. Watterberg K, Cummings JJ, Adams-Chapman I, Aucott SW, Goldsmith JP, **Hand IL**, Juul SE, Poindexter BB, Puopolo KM, Stewart DL, Barfield WB. Providing Care for Infants Born at Home *Pediatrics* 2020 May;145(5):e20200626. doi: 10.1542/peds.2020-0626. Epub 2020 Apr 20. PMID: 32312908
44. Keels EL, Goldsmith JP, Cummings JJ, Adams-Chapman I, Aucott SW, **Hand IL**, Juul SE, Poindexter BB, Puopolo KM, Stewart DL, Barfield WB. Neonatal Provider Workforce. *Pediatrics* 2019 Dec;144(6):e20193147. doi: 10.1542/peds.2019-3147. PMID: 31740501
45. Stewart DL, Barfield WD, Cummings JJ, Adams-Chapman I, Aucott SW, Goldsmith JP, **Hand IL**, Juul SE, Poindexter BB, Puopolo KM. Updates on an At-Risk Population: Late-Preterm and Early-Term Infants. *Pediatrics* 2019 Nov;144(5):e20192760. doi: 10.1542/peds.2019-2760. Epub 2019 Oct 21. PMID: 31636141
46. Puopolo KM, Lynfield R, Cummings JJ, **Hand IL**, Adams-Chapman I, Poindexter BB, Stewart DL, Aucott SW, Goldsmith JP, Mowitz M, Watterberg K, Maldonado YA, Zaoutis TE, Banerjee R, Barnett ED, Campbell JD, Gerber JS, Kourtis AP, Munoz FM, Nolt D, Nyquist AC, O'Leary ST, Sawyer MH, Steinbach WJ, Zangwill K. Management of Infants at Risk for Group B Streptococcal

- Disease. *Pediatrics* 2019. Aug;144(2):e20191881. doi: 10.1542/peds.2019-1881. Epub 2019 Jul 8 PMID: 31285392
47. Watt KM, Hornik CP, Balevic SJ, **Mundakel G**, Cotten CM, Harper B, Benjamin DK Jr, Anand R, Laughon M, Smith PB, Cohen-Wolkowicz M; Best Pharmaceuticals for Children Act - Pediatric Trials Network Steering Committee. Pharmacokinetics of ticarcillin-clavulanate in premature infants. *Br J Clin Pharmacol.* 2019 May;85(5):1021-1027. doi: 10.1111/bcp.13882. Epub 2019 Mar 6. PubMed PMID:30710387; PubMed Central PMCID: PMC6475694.
 48. Gonzalez D, Laughon MM, Smith PB, Ge S, Ambalavanan N, Atz A, Sokol GM, Hornik CD, Stewart D, **Mundakel G**, Poindexter BB, Gaedigk R, Mills M, Cohen-Wolkowicz M, Martz K, Hornik CP; Best Pharmaceuticals for Children Act - Pediatric Trials Network Steering Committee. Population Pharmacokinetics of Sildenafil in Extremely Premature Infants. *Br J Clin Pharmacol.* 2019 Sep 2. doi:10.1111/bcp.14111. [Epub ahead of print] PubMed PMID: 31475367.
 49. Noble, A., Eventov-Friedman, S., **Hand I.**, Meerkin, D., Gorodetsky, O., Noble, L. Breastfeeding Intensity and Exclusivity of Early Term Infants at Birth and 1 Month. *Breastfeed Med.* 2019 April 16. doi:10.1089/bfm.2018.0260 PMID: 30990328
 50. Pal A, Soontarapornchai K, Noble L, and **Hand I**, "Attitudes towards Donor Breast Milk in an Inner City Population," *International Journal of Pediatrics*, Vol. 2019, Article ID 3847283, Epub 2019 Jan 1. <https://doi.org/10.1155/2019/3847283>. PMID:30713562
 51. Autmizguine J, Smith PB, Prather K, Bendel C, Natarajan G, Bidegain M, Kaufman DA, Burchfield DJ, Ross AS, Pandit P, Schell WA, Gao J, Benjamin DK Jr; Fluconazole Prophylaxis Study Team. Effect of fluconazole prophylaxis on *Candida* fluconazole susceptibility in premature infants. *J Antimicrob Chemother.* 2018 Dec1;73(12):3482-3487. doi: 10.1093/jac/dky353. PubMed PMID: 30247579.
 52. Puopolo KM, Benitz WE, Zaoutis TE, Cummings J, Juul S, **Hand I**, Eichenwald E, Poindexter B, Stewart DL, Aucott SW, Goldsmith JP, Watterberg K, Byington CL, Maldonado YA, Banerjee R, Barnett ED, Campbell JD, Gerber JS, Lynfield R, Munoz FM, Nolt D, Nyquist AC, O'Leary ST, Rathore MH, Sawyer MH, Steinbach WJ, Tan TQ.; Management of Neonates Born at ≥ 35 0/7 Weeks' Gestation With Suspected or Proven Early-Onset Bacterial Sepsis. *Pediatrics.* 2018 Dec;142(6). pii: e20182894. PMID: 30455342.
 53. Puopolo KM, Benitz WE, Zaoutis TE, Cummings J, Juul S, **Hand I**, Eichenwald E, Poindexter B, Stewart DL, Aucott SW, Goldsmith JP, Watterberg K, Byington CL, Maldonado YA, Banerjee R, Barnett ED, Campbell JD, Gerber JS, Lynfield R, Munoz FM, Nolt D, Nyquist AC, O'Leary ST, Rathore MH, Sawyer MH, Steinbach WJ, Tan TQ.; Management of Neonates Born at ≤ 34 6/7 Weeks' Gestation With Suspected or Proven Early-Onset Bacterial Sepsis. *Pediatrics.* 2018 Dec;142(6). pii: e20182896. PMID: 30455344
 54. Eichenwald EC, Cummings JJ, Aucott SW, Goldsmith JP, **Hand IL**, Juul SE, Poindexter BB, Puopolo KM, Stewart DL. Diagnosis and Management of Gastroesophageal Reflux in Preterm Infants. *Pediatrics.* 2018 Jul;142(1). pii: e20181061. Epub 2018 Jun 18. PMID:29915158

55. Byington CL, Maldonado YA, Barnett ED, Campbell JD, Davies HD, Lynfield R, Munoz FM, Nolt D, Nyquist AC, O'Leary S, Rathore MH, Sawyer MH, Steinbach WJ, Tan TQ, Zaoutis TE, Watterberg K, Benitz W, **Hand I**, Eichenwald E, Poindexter B, Stewart DL, Aucott SW, Puopolo KM, Goldsmith JP. Elimination of Perinatal Hepatitis B: Providing the First Vaccine Dose Within 24 Hours of Birth. *Pediatrics*. 2017 ;140(3). pii: e20171870 PMID: 28847980
56. Barfield WD, Krug SE, Watterberg KL, Aucott SW, Benitz WE, Eichenwald EC, Goldsmith JP, **Hand IL**, Poindexter BB, Puopolo KM, Stewart DL, Krug SE, Chung S, Fagbuyi DB, Fisher MC, Needle SM, Schonfeld DJ. Disaster Preparedness in Neonatal Intensive Care Units *Pediatrics*. 2017 ;139(5). pii: e20170507 PMID:28557770
57. Noble L, **Hand I**. Re: Time to Change NRP. *Pediatrics*. 2017 May;139(5). pii:e20170452A. doi: 10.1542/peds.2017-0452A. PubMed PMID: 28557766.
58. Gummalla P, **Mundakel G**, Agaronov M, Lee H. Pneumoperitoneum without Intestinal Perforation in a Neonate: Case Report and Literature Review. *Case Rep Pediatr*. 2017;2017:6907329. doi: 10.1155/2017/6907329. Epub 2017 Apr 16. PubMed PMID: 28567320; PubMed Central PMCID: PMC5439261.
59. Ericson JE, Kaufman DA, Kicklighter SD, Bhatia J, Testoni D, Gao J, Smith PB, Prather KO, Benjamin DK Jr; Fluconazole Prophylaxis Study Team on behalf of the Best Pharmaceuticals for Children Act–Pediatric Trials Network Steering Committee; Fluconazole Prophylaxis Study Team on behalf of the Best Pharmaceuticals for Children Act–Pediatric Trials Network Steering Committee. Fluconazole Prophylaxis for the Prevention of Candidiasis in Premature Infants: A Meta-analysis Using Patient-level Data. *Clin Infect Dis*. 2016 Sep 1;63(5):604-10. doi: 10.1093/cid/ciw363. Epub 2016 Jun 13. PubMed PMID: 27298330; PubMed Central PMCID: PMC4981761.
60. Momper JD, Capparelli EV, Wade KC, Kantak A, Dhanireddy R, Cummings JJ, Nedrelow JH, Hudak ML, **Mundakel GT**, Natarajan G, Gao J, Laughon M, Smith PB, Benjamin DK Jr. Population Pharmacokinetics of Fluconazole in Premature Infants with Birth Weights Less than 750 Grams. *Antimicrob Agents Chemother*. 2016 Aug 22;60(9):5539-45. doi: 10.1128/AAC.00963-16. Print 2016 Sep. PubMed PMID:27401564; PubMed Central PMCID: PMC4997840.
61. Garg A, Arora A, **Hand IL**. Pediatric Resident Attitudes and Knowledge of Critical Congenital Heart Disease Screening. *Pediatr Cardiol*. 2016 Aug;37(6):1137-40. doi: 10.1007/s00246-016-1407-6. Epub 2016 May 9. PubMed PMID: 27160097.
62. Banniettis N, Sharma R, **Hand I**, Peloquin CA, Kohlhoff S, Hammerschlag MR. Steady-state pharmacokinetics of oral linezolid suspension in a premature infant with osteomyelitis. *J Antimicrob Chemother*. 2016 Jun;71(6):1738. doi: 10.1093/jac/dkv507. Epub 2016 Feb 6. PubMed PMID: 26851607.
63. **Hand I**, Zaghoul N, Barash L, Parris R, Aden U, Li HL. Timing of Caffeine Therapy and Neonatal Outcomes in Preterm Infants: A Retrospective Study. *Int J Pediatr*. 2016;2016:9478204. doi: 10.1155/2016/9478204. Epub 2016 May 8. PubMed PMID: 27242907; PubMed Central PMCID: PMC4875982.
64. Dejhalla M, **Lahage N**, Parvez B, Brumberg HL, La Gamma EF. Early Postnatal Growth in a Subset of Convalescing Extremely-Low-Birth-Weight Neonates: Approximating the "Index Fetus" Ex Utero. *J Pediatr Gastroenterol Nutr*. 2015\

Sep;61(3):361-6. doi: 10.1097/MPG.0000000000000750. PubMed PMID: 25651485.

65. Muniraman HK, Yaari J, **Hand I**. Premedication Use Before Nonemergent Intubation in the Newborn Infant. *Am J Perinatol*. 2015 Jul;32(9):821-4. doi:10.1055/s-0034-1543987. Epub 2015 Jan 21. PubMed PMID: 25607227

MAIMONIDES NEONATOLOGY (2019 to June 2020, plus 2015 -2018)updated June 2020

2019 to June 2020

66. Nada A, Askenazi D, Boohaker LJ, Li L, Mahan JD, Charlton J, Griffin RL; AWAKEN Study Group. Low hemoglobin levels are independently associated with neonatal acute kidney injury: a report from the AWAKEN Study Group. *Pediatr Res*. 2020 Jun 11. doi: 10.1038/s41390-020-0963-x. Online ahead of print. PMID: 32526767
67. Starr MC, Boohaker L, Eldredge LC, Menon S, Griffin R, Mayock DE, Li L, Askenazi D, Hingorani S; Neonatal Kidney Collaborative. Acute Kidney Injury and Bronchopulmonary Dysplasia in Premature Neonates Born Less than 32 Weeks' Gestation. *Am J Perinatol*. 2020 Feb;37(3):341-348. doi: 10.1055/s-0039-3400311. Epub 2019 Nov 27. PMID: 31777046
68. Starr MC, Boohaker L, Eldredge LC, Menon S, Griffin R, Mayock D, Askenazi D, Hingorani S; Neonatal Kidney Collaborative. Acute Kidney Injury is Associated with Poor Lung Outcomes in Infants Born \geq 32 Weeks of Gestational Age. *Am J Perinatol*. 2020 Jan;37(2):231-240. doi: 10.1055/s-0039-1698836. Epub 2019 Nov 18. PMID: 31739364
69. Charlton JR, Boohaker L, Askenazi D, Brophy PD, D'Angio C, Fuloria M, Gien J, Griffin R, Hingorani S, Ingraham S, Mian A, Ohls RK, Rastogi S, Rhee CJ, Revenis M, Sarkar S, Smith A, Starr M, Kent AL; Neonatal Kidney Collaborative. Incidence and Risk Factors of Early Onset Neonatal AKI. *Clin J Am Soc Nephrol*. 2019 Feb 7;14(2):184-195. doi: 10.2215/CJN.03670318. Epub 2019 Jan 31. PMID: 31738181
70. Selewski DT, Gist KM, Nathan AT, Goldstein SL, Boohaker LJ, Akcan-Arikan A, Bonachea EM, Hanna M, Joseph C, Mahan JD, Mammen C, Nada A, Reidy K, Staples A, Wintermark P, Griffin R, Askenazi DJ, Guillet R; Neonatal Kidney Collaborative. The impact of fluid balance on outcomes in premature neonates: a report from the AWAKEN study group. Version 2. *Pediatr Res*. 2020 Feb;87(3):550-557. doi: 10.1038/s41390-019-0579-1. Epub 2019 Sep 19. PMID: 31537009
71. Babu S, Prasad M, Miller M, Morrissey M, **Bhutada A**, Rojas M, Rastogi S. Use of serum citrulline concentrations from routine newborn screen as a biomarker for necrotizing enterocolitis. *Pediatr Surg Int*. 2019 Jun;35(6):715-722. doi: 10.1007/s00383-019-04470-9. Epub 2019 Mar 9. PMID: 30852646
72. Askenazi D, Abitbol C, Boohaker L, Griffin R, Raina R, Dower J, Davis TK, Ray PE, Perazzo S, DeFreitas M, Milner L, Ambalavanan N, Cole FS, Rademacher E, Zappitelli M, Mhanna M; Neonatal Kidney Collaborative. Optimizing the AKI definition during first postnatal week using Assessment of Worldwide Acute

- Kidney Injury Epidemiology in Neonates (AWAKEN) cohort. *Pediatr Res*. 2019 Feb;85(3):329-338. doi: 10.1038/s41390-018-0249-8. Epub 2018 Dec 13. PMID: 30643188
73. Charlton JR, Boohaker L, Askenazi D, Brophy PD, Fuloria M, Gien J, Griffin R, Hingorani S, Ingraham S, Mian A, Ohls RK, Rastogi S, Rhee CJ, Revenis M, Sarkar S, Starr M, Kent AL; Neonatal Kidney Collaborative (NKC). Late onset neonatal acute kidney injury: results from the AWAKEN Study. *Pediatr Res*. 2019 Feb;85(3):339-348. doi: 10.1038/s41390-018-0255-x. Epub 2018 Dec 13. PMID: 30546043
74. Kirkley MJ, Boohaker L, Griffin R, Soranno DE, Gien J, Askenazi D, Gist KM; Neonatal Kidney Collaborative (NKC). Correction to: Acute kidney injury in neonatal encephalopathy: an evaluation of the AWAKEN database. *Pediatr Nephrol*. 2019 Feb;34(2):363. doi: 10.1007/s00467-018-4106-0. PMID: 30315405
75. Selewski DT, Akcan-Arikan A, Bonachea EM, Gist KM, Goldstein SL, Hanna M, Joseph C, Mahan JD, Nada A, Nathan AT, Reidy K, Staples A, Wintermark P, Boohaker LJ, Griffin R, Askenazi DJ, Guillet R; Neonatal Kidney Collaborative. The impact of fluid balance on outcomes in critically ill near-term/term neonates: a report from the AWAKEN study group. *Pediatr Res*. 2019 Jan;85(1):79-85. doi: 10.1038/s41390-018-0183-9. Epub 2018 Sep 20. PMID: 30237572 **Free PMC article**. *Clinical Trial*.
76. Chaudhary N, Shapiro N, **Bhutada A**, Rastogi S. c-KIT-Positive Fatal Diffuse Cutaneous Mastocytosis With Systemic Manifestations in a Neonate. *J Pediatr Hematol Oncol*. 2019 Jul;41(5):e338-e340. doi: 10.1097/MPH.0000000000001271. PMID: 30067557

2015 to 2018:

77. Kraut EJ, Boohaker LJ, Askenazi DJ, Fletcher J, Kent AL; Neonatal Kidney Collaborative (NKC). Incidence of neonatal hypertension from a large multicenter study [Assessment of Worldwide Acute Kidney Injury Epidemiology in Neonates-AWAKEN]. *Pediatr Res*. 2018 Aug;84(2):279-289. doi: 10.1038/s41390-018-0018-8. Epub 2018 May 23. PMID: 29795211 *Clinical Trial*.
78. Jetton JG, Boohaker LJ, Sethi SK, Wazir S, Rohatgi S, Soranno DE, Chishti AS, Woroniecki R, Mammen C, Swanson JR, Sridhar S, Wong CS, Kupferman JC, Griffin RL, Askenazi DJ; Neonatal Kidney Collaborative (NKC). Incidence and outcomes of neonatal acute kidney injury (AWAKEN): a multicentre, multinational, observational cohort study. *Lancet Child Adolesc Health*. 2017 Nov;1(3):184-194. doi: 10.1016/S2352-4642(17)30069-X. PMID: 29732396
79. Damodaran K, **Bhutada A**, Rastogi S. A Unique Preparation and Delivery Method for Acitretin for Neonatal Harlequin Ichthyosis. *J Pediatr Pharmacol Ther*. 2018 Mar-Apr;23(2):164-167. doi: 10.5863/1551-6776-23.2.164. PMID: 29720920
80. Gupta A, **Bhutada A**, Yitayew M, Rastogi S. Extravasation of total parenteral nutrition into the liver from an upper extremity peripherally inserted central venous catheter. *J Neonatal Perinatal Med*. 2018;11(1):101-104. doi: 10.3233/NPM-181726. PMID: 29689743

81. Harer MW, Askenazi DJ, Boohaker LJ, Carmody JB, Griffin RL, Guillet R, Selewski DT, Swanson JR, Charlton JR; Neonatal Kidney Collaborative (NKC). Association Between Early Caffeine Citrate Administration and Risk of Acute Kidney Injury in Preterm Neonates: Results From the AWAKEN Study. *JAMA Pediatr.* 2018 Jun 4;172(6):e180322. doi: 10.1001/jamapediatrics.2018.0322. Epub 2018 Jun 4. PMID: 29610830 **Free PMC article.** Clinical Trial.
82. Harer MW, Askenazi DJ, Boohaker LJ, Carmody JB, Griffin RL, Guillet R, Selewski DT, Swanson JR, Charlton JR; Neonatal Kidney Collaborative (NKC). Association Between Early Caffeine Citrate Administration and Risk of Acute Kidney Injury in Preterm Neonates: Results From the AWAKEN Study. *JAMA Pediatr.* 2018 Jun 4;172(6):e180322. doi: 10.1001/jamapediatrics.2018.0322. Epub 2018 Jun 4. PMID:29610830
83. Narasimhulu D, Brown A, Egbert NM, Rojas M, Haberman S, **Bhutada A**, Minkoff H, **Rastogi S**. Maternal magnesium therapy, neonatal serum magnesium concentration and immediate neonatal outcomes. *J Perinatol.* 2017 Dec;37(12):1297-1303. doi: 10.1038/jp.2017.132. Epub 2017 Oct 5. PMID:28981078
84. Amatya S, Macomber M, **Bhutada A**, Rastogi D, **Rastogi S**. Sudden versus gradual pressure wean from Nasal CPAP in preterm infants: a randomized controlled trial. *J Perinatol.* 2017 Jun;37(6):662-667. doi: 10.1038/jp.2017.10. Epub 2017 Feb 23 PMID:28230835
85. Jawale N, **Bhutada A**, **Rastogi S**. Antenatal Escitalopram Use and Necrotizing Enterocolitis in a Newborn: A Case Report. *J Pediatr Pharmacol Ther.* 2016 Nov-Dec;21(6):518-521. doi: 10.5863/1551-6776-21.6.518. PMID:28018154
86. Miller M, Donda K, **Bhutada A**, Rastogi D, **Rastogi S**. Transitioning Preterm Infants From Parenteral Nutrition: A Comparison of 2 Protocols. *JPEN J Parenter Enteral Nutr.* 2017 Nov;41(8):1371-1379. doi:10.1177/0148607116664560. Epub 2016 Aug 18. PMID:27540043
87. Jetton JG, Guillet R, Askenazi DJ, Dill L, Jacobs J, Kent AL, Selewski DT, Abitbol CL, Kaskel FJ, Mhanna MJ, Ambalavanan N, Charlton JR; Neonatal Kidney Collaborative. Assessment of Worldwide Acute Kidney Injury Epidemiology in Neonates: Design of a Retrospective Cohort Study. *Front Pediatr.* 2016 Jul 19;4:68. doi: 10.3389/fped.2016.00068. eCollection 2016 PMID: 27486571
88. Guerin C, Bailey SM, Mally PV, Rojas M, **Bhutada A**, **Rastogi S**. Randomized control trial comparing physiologic effects in preterm infants during treatment with nasal continuous positive airway pressure (NCPAP) generated by Bubble NCPAP and Ventilator NCPAP: a pilot study *J Perinat Med.* 2016 Aug 1;44(6):655 -61. doi: 10.1515/jpm-2015-0209. PMID: 26352079
89. Amatya S, Rastogi D, **Bhutada A**, **Rastogi S**. Weaning of nasal CPAP in preterm infants: who, when and how? a systematic review of the literature *World J Pediatr.* 2015 Feb;11(1):7-13. doi: 10.1007/s12519-014-0535-4. Epub 2014 Dec 29. Review PMID: 25557597

PEDIATRIC ALLERGY AND IMMUNOLOGY: (updated by MA Vastardi and Aranda Jan 2020)

1. Anooshiravani N, Nagarajan S, Vastardi MA, **Joks R**. Inverse association of asthma and hay fever with cancer in the 2015 National Health Interview Survey database. *Ann Allergy Asthma Immunol*. 2019 Aug;123(2):219-220. doi: 10.1016/j.anai.2019.04.029. Epub 2019 May 11. PMID:31082479
2. Smith-Norowitz TA, Chotikanatis K, Weaver D, Ditkowsky J, Norowitz YM, Hammerschlag MR, **Joks R**, Kohlhoff S. *Chlamydia pneumoniae*-induced tumour necrosis factor alpha responses are lower in children with asthma compared with non-asthma. *BMJ Open Respir Res*. 2018 May 5;5(1):e000239. doi: 10.1136/bmjresp-2017-000239. eCollection 2018. PMID:29755754
3. Smith-Norowitz TA, Weaver D, Norowitz YM, Hammerschlag MR, **Joks R**, Durkin HG, Kohlhoff S. Doxycycline suppresses *Chlamydia pneumoniae* induced interferon-gamma responses in peripheral blood mononuclear cells in children with allergic asthma. *J Infect Chemother*. 2018 Jun;24(6):470-475. doi: 10.1016/j.jiac.2018.02.004. Epub 2018 Mar 31. PMID: 29615379
4. Smith-Norowitz TA, Saadia TA, Norowitz KB, **Joks R**, Durkin HG, Kohlhoff S. Negative IgG Varicella Zoster Virus Antibody Status: Immune Responses Pre and Post Re-immunization. *Infect Dis Ther*. 2018 Mar;7(1):175-181. doi: 10.1007/s40121-017-0182-x. Epub 2017 Dec 22. PMID:29273977
5. Smith-Norowitz TA, Weaver D, Chorny V, Norowitz YM, Lent D, Hammerschlag MR, **Joks R**, Kohlhoff S. *Chlamydia pneumoniae* Induces Interferon Gamma Responses in Peripheral Blood Mononuclear Cells in Children with Allergic Asthma. *Scand J Immunol*. 2017 Jul;86(1):59-64. doi: 10.1111/sji.12561. PMID 28480606
6. Smith-Norowitz TA, Perlman J, Norowitz YM, **Joks R**, Durkin HG, Hammerschlag MR, Kohlhoff S. *Chlamydia pneumoniae* induces interleukin-12 responses in peripheral blood mononuclear cells in asthma and the role of toll like receptor 2 versus 4: a pilot study. *It J Med Sci*. 2017 May;186(2):511-517. doi: 10.1007/s11845-016-1549-9. Epub 2016 Dec 29. PMID:28035483
7. **Joks R**, Bluth MH. Clinical Toxicology and Its Relevance to Asthma and Atopy. *Clin Lab Med*. 2016 Dec;36(4):795-801. doi: 10.1016/j.cll.2016.07.005. Epub 2016 Oct 15. Review. PMID: 27842794
8. Smith-Norowitz TA, Carvajal-Raga S, Weedon J, **Joks R**, Norowitz KB, Weaver D, Durkin HG, Hammerschlag MR, Kohlhoff S. Increased seroprevalence of Enterovirus 71 IgE antibodies in asthmatic compared with non-asthmatic children. *Ir J Med Sci*. 2017 May;186(2):495-503. doi: 10.1007/s11845-016-1480-0. Epub 2016 Jul 20. PMID: 27440276

9. Smith-Norowitz TA, Chotikanatis K, Tam E, Norowitz YM, Joks R, Durkin HG, Hammerschlag MR, Kohlhoff S. Epigallocatechin gallate suppresses Chlamydia pneumoniae mediated IgE responses in peripheral blood mononuclear cells: a pilot study. *Minerva Med.* 2016 Dec;107(6):363-369. Epub 2016 Jun 16. PMID: 27309037
10. Smith-Norowitz TA, Saadia TA, Banniettis N, Norowitz YM, Joks R, Hammerschlag MR, Durkin HG, Kohlhoff S : IgE anti-haemophilus influenzae type b (Hib) antibodies detected in serum of Hib vaccinated asthmatic and non-asthmatic pediatric patients..*Minerva Pediatr.* 2016 May 17. [Epub ahead of print] PMID:27187042
- 11..
12. Smith-Norowitz TA, Chotikanatis K, Erstein DP, Perlman J, Norowitz YM, Joks R, Durkin HG, Hammerschlag MR, Kohlhoff S. Chlamydia pneumoniae enhances the Th2 profile of stimulated peripheral blood mononuclear cells from asthmatic patients *Hum Immunol.* 2016 May;77(5):382-8. doi: 10.1016/j.humimm.2016.02.010. Epub 2016 Feb 26. PMID:26924667
13. Smith-Norowitz TA, Mandal M, Joks R, Norowitz LT, Weaver D, Durkin HG, Bluth MH, Kohlhoff S. IgE anti-respiratory syncytial virus antibodies detected in serum of pediatric patients with asthma. *Hum Immunol.* 2015 Jul;76(7):519-24. doi: 10.1016/j.humimm.2015.06.002. Epub 2015 Jun 11. PMID:26074414
14. Yang L, Clements S, Joks R. A retrospective study of peanut and tree nut allergy: Sensitization and correlations with clinical manifestations. *Allergy Rhinol (Providence).* 2015 Jan;6(1):39-43. doi: 10.2500/ar.2015.6.0108. PMID: 25860169
15. Yang L, Clements S, Joks R. A retrospective study of peanut and tree nut allergy: Sensitization and correlations with clinical manifestations. *Allergy Rhinol (Providence).* 2015 Feb 27. [Epub ahead of print] PMID:25730137

PEDIATRIC CARDIOLOGY PLEASE UPDATE !!!! 2019 to June 2020

1. Dhuper S, Bayoumi NS, Shah YD, Mehta S. Ethnic Differences in Lipid Profiles of Overweight, Obese, and Severely Obese Children and Adolescents 6-19 Years of Age. *Child Obes.* 2017 Jun;13(3):236-241. doi: 10.1089/chi.2016.0208. Epub 2017 Feb 16. PMID:28398850

PEDIATRIC CRITICAL CARE: 2019 -June 2020 plus 2015 to 2018

(updated Dr. Gist June 22,2020)

2019 to June 2020:

1. Lee S, Aly A, Bhakta P, Parameswaran K, Chorny V, Pinto R, Zeng J, Hong R, Braiman M. Case 3: Rapidly Expanding Neck Mass Leading to Cardiopulmonary Arrest in a 14-year-old Boy. *Pediatr Rev.* 2020 Jan;41(1):34-37. doi: 10.1542/pir.2017-0298. PMID: 31894073
2. Doymaz S, Rizvi M, Orsi M, Giamb Bruno C. How Prepared Are Pediatric Residents for Pediatric Emergencies: Is Pediatric Advanced Life Support Certification Every 2 Years Adequate? *Glob Pediatr Health.* 2019 Sep 16;6:2333794X19876809. doi: 10.1177/2333794X19876809. eCollection 2019. PMID: 31555721
3. Hamele M, Gist RE, Kisson N. Provision of Care for Critically Ill Children in Disasters. *Crit Care Clin.* 2019 Oct;35(4):659-675. doi: 10.1016/j.ccc.2019.06.003. Epub 2019 Jul 11. PMID: 31445612 Review.
4. Lalitha AV, Fassi B, Gist RE, Shah BR, Chawla N, Singh A, Baranawal A, Shamarao S, Vanaki R, Mahajan P, Patel R, Chauhan V, Batra P, Saha A, Galwankar S, Soans S 2019 WACEM - Academic College of Emergency Experts Consensus Recommendations on Admission Criteria to Pediatric Intensive Care Unit from the Emergency Departments in India. *J Emerg Trauma Shock.* 2019 Apr-Jun;12(2):155-162. doi: 10.4103/JETS. JETS_140_18 PMID: 31198285

2015 to 2018:

5. Pierre L, Adeyinka A, Kioko M, Hernandez Rivera JF, Pinto R. Performance comparison in Pediatric Fundamental Critical Care Support among staff from the USA versus those from resource-limited countries. *J Int Med Res.* 2018 Nov;46(11):4640-4649. doi: 10.1177/0300060518787312. Epub 2018 Aug 1. PMID: 30066610
6. Doymaz S, Schneider Safety of Terbutaline for Treatment of Acute Severe Pediatric Asthma. *J. Pediatr Emerg Care.* 2018 May;34(5):299-302. doi: 10.1097/PEC.0000000000000677. PMID: 26959519
7. Peck GL, Garg M, Arquilla B, Gracias VH, Anderson Iii HL, Miller AC, Hansoti B, Ferrada P, Firstenberg MS, Galwankar SC, Gist RE, Jeanmonod D, Jeanmonod R, Krebs E, McDonald MP, Nwomeh B, Orlando JP, Paladino L, Papadimos TJ, Ricca RL Jr, Sakran JV, Sharpe RP, Swaroop M, Stawicki SP; The American College of Academic International Medicine 2017 Consensus Statement on International Medical Programs: Establishing a system of objective valuation and quantitative metrics to facilitate the recognition and incorporation of academic international medical efforts into existing promotion and tenure paradigms.

- ACAIM Consensus Group on International Medical Programs. *Int J Crit Illn Inj Sci*. 2017 Oct-Dec;7(4):201-211. doi: 10.4103/IJCIIS.IJCIIS_64_17. PMID: 29291172
8. Daniel P, Gist R, Grock A, Kohlhoff S, Roblin P, Arquilla B. Disaster Olympics: A Model for Resident Education: *Prehosp Disaster Med*. 2016 Jun;31(3):237-41. doi: 10.1017/S1049023X16000212. Epub 2016 Apr 6. PMID: 27048857
 9. Gist R, Daniel P, Grock A, Lin CJ, Bryant C, Kohlhoff S, Roblin P, Arquilla B. Use of Medical Reserve Corps Volunteers in a Hospital-based Disaster Exercise. *Prehosp Disaster Med*. 2016 Jun;31(3):259-62. doi: 10.1017/S1049023X16000297. Epub 2016 Apr 4. PMID: 2704097
 10. Doymaz S, Schneider J. Safety of Terbutaline for Treatment of Acute Severe Pediatric Asthma. *Pediatr Emerg Care*. 2016 Mar 8. [Epub ahead of print] PMID: 26959519
 11. Doymaz S, Zinger M, Sweberg T. Risk factors associated with intracranial hemorrhage in neonates with persistent pulmonary hypertension on ECMO. *J Intensive Care*. 2015 Feb 11;3(1):6. doi: 10.1186/s40560-015-0071-x. eCollection 2015. PMID: 25705431
 12. Doymaz S, Zinger M, Sweberg T. Risk factors associated with intracranial hemorrhage in neonates with persistent pulmonary hypertension on ECMO. *J Intensive Care*. 2015 Feb 11;3(1):6. doi: 10.1186/s40560-015-0071-x. eCollection 2015. PMID: 25705431
 13. George M, Ahmad SQ, Wadowski S. Community-acquired pneumonia among U.S. children. *N Engl J Med*. 2015 May 28;372(22):2166-7. doi: 10.1056/NEJMc1504028#SA1. No abstract available. PMID: 26017834

PEDIATRIC ENDOCRINOLOGY 2019 to June 2020 (updated June 16,2020 - Dr. V.Umpaichitra)

2019-June 2020:

1. Arora S, Dunkley L, Waldman LM, Chin VL, Umpaichitra V. Kidney Function in Minority Children and Adolescents With Metabolically Healthy and Unhealthy Obesity. *Clin Obes* 2020 Feb;10(1):e12345. doi: 10.1111/cob.12345. Epub 2019 Nov 6. PMID: 31692279 DOI: 10.1111/cob.12345
2. Kochummen E, Umpaichitra V, Marwa A, Joshi K, Chin VL, Perez-Colon S, Assessment of Microvascular Function in Children and Adolescents with Diabetes and Obesity. *Int J Endocrinol Metab*. 2019 Dec 29;18(1):e90094. doi: 10.5812/ijem.90094. eCollection 2020 Jan. PMID: 32308696
3. Ch'ng TW, Chin V. Challenging diagnosis of thyroid hormone resistance initially as Hashimoto's thyroiditis. *J Pediatr Endocrinol Metab*. 2019 Feb 25;32(2):203-206. doi: 10.1515/jpem-2018-0284. PMID:30681972
4. Bansal S, Kasturi K, Chin VL, National Survey Assessment of the United States' Pediatric Residents' Knowledge, Attitudes, and Practices Regarding Newborn

- Screening, *Int. J. Neonatal Screen.* 2019, 5(1), 3; <https://doi.org/10.3390/ijns5010003>
5. Chin VL, Williams KM, Donnelley T, Censani M, Conroy R, Lerner S, Oberfield SE, McMahon DJ, Zitsman J, Fennoy I. Long-term follow-up of gonadal dysfunction in morbidly obese adolescent boys after bariatric surgery. *J Pediatr Endocrinol Metab.* 2018 Nov 27;31(11):1191-1197. doi: 10.1515/jpem-2018-0261. PMID:30352040
 6. Perez-Colon S, Lazareva O, Purushothaman R, Malik S, Ten S, Bhangoo A. Baseline IGFBP - 3 as the Key Element to Predict Growth Response to Growth Hormone and IGF - 1 Therapy in Subjects with Non - GH Deficient Short Stature and IGF - 1 Deficiency. *Int J Endocrinol Metab.* 2018 May 21;16(3):e58928. doi: 10.5812/ijem.58928. eCollection 2018 Jul. PMID: 30197657
 7. Agarwal S, Khokhar A, Castells S, Marwa A, Hagerty D, Dunkley L, Cooper J, Chin V, Umpaichitra V, Perez-Colon S. Role of Social Factors in Glycemic Control Among African American Children and Adolescents with Type 1 Diabetes. *J Natl Med Assoc.* 2018 Jun 25. pii: S0027-9684(17)30307-3. doi: 10.1016/j.jnma.2018.05.002. [Epub ahead of print]. PMID: 30129485
 8. Kochummen E, Marwa A, Umpaichitra V, Perez-Colon S, Chin VL. Screening for autoimmune thyroiditis and celiac disease in minority children with type 1 diabetes. *J Pediatr Endocrinol Metab.* 2018 Aug 28;31(8):879-885. doi: 10.1515/jpem-2017-0254. PMID: 29949512
 9. Ch'ng TW, Umpaichitra V. A Case of Unusual Clitoromegaly. *J Pediatr Adolesc Gynecol. J Pediatr Adolesc Gynecol.* 2018 Oct;31(5):543-545. doi: 10.1016/j.jpag.2018.04.004. Epub 2018 May 3. PMID: 29730432
 10. Bansal S, Marwa A, Kasturi K, Perez-Colon S. Improving paediatric residents' knowledge and perspectives regarding the insulin pump using a novel educational workshop. *Postgrad Med J.* 2018 Feb;94(1108):87-91. doi: 10.1136/postgradmedj-2017-135002. Epub 2017 Oct 20. PMID: 29054932
 11. Khokhar A, Umpaichitra V, Chin VL, Perez-Colon S. Metformin Use in Children and Adolescents with Prediabetes. *Pediatr Clin North Am.* 2017 Dec;64(6):1341-1353. doi: 10.1016/j.pcl.2017.08.010. Epub 2017 Oct 4. PMID: 29173789
 12. Kochmann M, Bansal S, Umpaichitra V, Perez-Colon S. Multiple Endocrine Neoplasia Type 2 B. *Pediatr Rev.* 2017 Oct;38(10):e38-e40. doi: 10.1542/pir.2016-0059. PMID: 28972059
 13. Khokhar A, Chin VL, Perez-Colon S, Farook T, Bansal S, Kochummen E, Umpaichitra V. Differences Between Metabolically Healthy Vs Unhealthy Obese Children and Adolescents, *Journal of National Medical Association*, Autumn 2017, 109(3):203-210. doi: 10.1016/j.jnma.2017.02.008. Epub 2017 Apr 6. PMID: 28987250
 14. Vuguin P, Sopher AB, Roumimper H, Chin V, Silfen M, McMahon DJ, Fennoy I, Oberfield SE. Alterations in Glucose Effectiveness and Insulin Dynamics: Polycystic Ovary Syndrome or Body Mass Index. *Horm Res Paediatr.* 2017;87(6):359-367. PMID: 28478437
 15. Goldberg HR, Chin VL, Zitsman JL, Zhang C, Williams KM, Oberfield S, Fennoy I. Bariatric Surgery in Adolescents: Is Routine Nutrient Supplementation

- Sufficient to Avoid Anemia Following Bariatric Surgery? *Nutr Clin Pract*. 2017 Aug;32(4):502-507. PMID: 28760109
16. Khokhar A, Nagarajan S, Ravichandran Y, Perez-Colon S. Pubertal assessment: targeted educational intervention for pediatric trainees. *Int J Adolesc Med Health*. 2017 Aug 18. pii: /j/ijamh.ahead-of-print/ijamh-2017-0064/ijamh-2017-0064.xml. doi: 10.1515/ijamh-2017-0064. [Epub ahead of print] PMID: 28820733
 17. Khokhar A, Naraparaju G, Friedman M, Perez-Colon S, Umpaichitra V, Chin VL. Comparison of A1C to Oral Glucose Tolerance Test for the Diagnosis of Prediabetes in Overweight and Obese Youth *Clin Diabetes*. 2017 Jul;35(3):133-140. doi: 10.2337/cd16-0037. PMID: 28761215
 18. Khokhar A, Ravichandran Y, Stefanov DG, Perez-Colon S. Pubertal assessment: a national survey of attitudes, knowledge and practices of the US pediatric trainees. *Int J Adolesc Med Health*. 2017 Jul 6. pii: /j/ijamh.ahead-of-print/ijamh-2016-0122/ijamh-2016-0122.xml. doi: 10.1515/ijamh-2016-0122. [Epub ahead of print] PMID: 28682782
 19. Khokhar A, Agarwal S, Perez-Colon S. Williams Syndrome and 15q Duplication: Coincidence versus Association. *Mol Syndromol*. 2017 Jan;8(1):50-54. doi: 10.1159/000452360. Epub 2016 Nov 15. PMID:28232784
 20. Kochummen E, Tong S, Umpaichitra V, Chin VL. A Unique Case of Bilateral Hürthle Cell Adenoma in an Adolescent. *Horm Res Paediatr*. 2017;87(2):136-142. doi: 10.1159/000448216. Epub 2016 Jul 29. PMID: 27467101
 21. Umpaichitra V. Unusual glycogenic hepatopathy causing abnormal liver enzymes in a morbidly obese adolescent with well-controlled type 2 diabetes: resolved after A1c was normalized by metformin. *Clin Obes*. 2016 Aug;6(4):281-4. doi: 10.1111/cob.12154. PMID: 27400632
 22. Khokhar A, Castells S, Perez-Colon S. Genetic Disorders of Vitamin D Metabolism: Case Series and Literature Review. *Clin Pediatr (Phila)*. 2016 May;55(5):404-14. doi: 10.1177/0009922815623231. Epub 2015 Dec 23. Review. No abstract available. PMID: 26701718
 23. Bansal S, Castells S, Umpaichitra V, Perez-Colon S. Presence of 21-Hydroxylase Antibodies in a Boy with X-Linked Adrenal Hypoplasia Congenita. *Horm Res Paediatr*. 2015;84(6):408-13. doi: 10.1159/000440803. Epub 2015 Oct 9. PMID: 26448365
 24. Bansal S, Umpaichitra V, Desai N, Perez-Colon S. Pediatric Graves' Disease. *Int J Endocr Metab Disord*. 2015;1(1). doi: 10.16966/2380-548X.104.
 25. Khokhar A, Umpaichitra V, Perez-Colon S. Septo-optic Dysplasia among Children in Central Brooklyn. *Ann Pediatr Child Health*. 2015;3(6):1076.
 26. Shikha D, Singla M, Walia R, Potter N, Umpaichitra V, Mercado A, Winer N. Ambulatory Blood Pressure Monitoring in Lean, Obese and Diabetic Children and Adolescents. *Cardiorenal Med*. 2015 Jun;5(3):183-90. doi: 10.1159/000381629. Epub 2015 Apr 30. PMID:26195970
 27. Censani M, Chin VL, Fennoy I. Exenatide Effects on Cardiometabolic Risk and Weight in Adolescents with Morbid Obesity and Type 2 Diabetes Mellitus: Two Case Reports. *J Obes Weight Loss Medicat*. 2015;1(1). PMID: 27182560

28. Chin VL, Cai Z, Lam L, Shah B, Zhou P. Evaluation of puberty by verifying spontaneous and stimulated gonadotropin values in girls. *J Pediatr Endocrinol Metab.* 2015 Mar;28(3-4):387-92. PMID: 25514323

PEDIATRIC GASTROENTEROLOGY: 2019 to June 2020 (Last updated June 16,2020 by Steven Schwarz)

2019 to June 2020

1. Ahuja N, Weedon J, Schwarz SM, Sklar R, Rabinowitz SS. Applying the Eosinophilic Esophagitis Reference Scores to Different Aged Children. *J Pediatr Gastroenterol Nutr.* 2020 May 14. doi:10.1097/MPG.0000000000002788. Online ahead of print. PMID: 32427654
2. Rabinowitz SS, Feng L, Ebigbo N, Lin B, Gupta R, Sklar R, Grossman E, Schwarz SM, Weedon J, Gress F. Predicting pediatric esophageal wall thickness: An EUS study. *Endosc Ultrasound.* In press.2020
3. Winderman R, Rabinowitz SS, Vaidy K, Schwarz SM. Measurement of Microvascular Function in Pediatric Inflammatory Bowel Disease. *J Pediatr Gastroenterol Nutr.* 2019 May;68(5):662-668. doi: 10.1097/MPG.0000000000002252. PMID:30601366

2015 to 2018:

4. Rabinowitz SS, Ahuja N, Gottfried J. Aripiprazole reversed gastroparesis in a child with 1q21.1-q21.2 microdeletion. *BMJ Case Rep.* 2018 Mar 15;2018:bcr2017223231. doi: 10.1136/bcr-2017-223231. PMID: 29545430 e
5. Solomon AB, Reed R, Benkov K, Kingsbery J, Lusman SS, Malter LB, Levine J, Rabinowitz SS, Wolff M, Zabar S, Weinshel E. Using the Objective Structured Clinical Examination to Assess ACGME Competencies in Pediatric Gastroenterology Fellows. *J Pediatr Gastroenterol Nutr.* 2017 Apr;64(4):e92-e95. doi: 10.1097/MPG.0000000000001450.
6. Saghier S, Schwarz SM, Anderson V, Gupta R, Heidarian A, Rabinowitz SS. Pediatric *Helicobacter pylori* gastropathy demonstrates a unique pattern of gastric foveolar hyperplasia. *Helicobacter.* 2018 Jun;23(3):e12487. doi: 10.1111/hel.12487. Epub 2018 Apr 25. PMID:29696734
7. Windemuller F, Xu J, Rabinowitz SS, Hussain MM, Schwarz SM. Lipogenesis in Huh7 cells is promoted by increasing the fructose:Glucose molar ratio. *World J Hepatol* 2016 Jul 18;8(20):838-43. doi: 10.4254/wjh.v8.i20.838. PMID: 27458503

8. D'Souza A, Algotar A, Pan L, Schwarz SM, Treem WR, Valencia G, Rabinowitz SS. Packed red blood cell transfusions as a risk factor for parenteral nutrition associated liver disease in premature infants *World J Clin Pediatr*. 2016 Nov 8;5(4):365-369. eCollection 2016 Nov 8. PMID: 27872824
9. Vo HD, Xu J, Rabinowitz SS, Fisher SE, Schwarz SM. The liver in pediatric gastrointestinal disease. *J Pediatr Gastroenterol Nutr*. 2014 Sep;59(3):288-99. doi: 10.1097/MPG.0000000000000444. PMID: 25144777
10. Vo HD, Sequeira JM, Quadros EV, Schwarz SM, Perenyi AR. [The role of folate receptor autoantibodies in preterm birth](#). *Nutrition* 2015 Oct;31(10):1224-7. doi: 10.1016/j.nut.2015.04.008. Epub 2015 May 11. PMID: 26238535
11. Vo HD, Goli S, Gill R, Anderson V, Stefanov DG, Xu J, Kulsum-Meccci N, Schwarz SM, Rabinowitz SS. [Inverse correlation between Helicobacter pylori colonization and obesity in a cohort of inner city children](#). *Helicobacter*. 2015 Feb;20(1):64-8. doi: 10.1111/hel.12154. Epub 2014 Oct 11 PMID:25308209
12. Prince E, Lazare FB, Treem WR, Xu J, Iqbal J, Pan X, Josekutty J, Walsh M, Anderson V, Hussain MM, Schwarz SM. Ω -3 fatty acids prevent hepatic steatosis, independent of PPAR- α activity, in a murine model of parenteral nutrition-associated liver disease. *JPEN J Parenter Enteral Nutr*. 2014 Jul;38(5):608-16. doi: 10.1177/0148607113491436. Epub 2013 Jun 11. PMID: 23757305
13. Xu J, Anderson V, Schwarz SM. Dietary GD3 ganglioside reduces the incidence and severity of necrotizing enterocolitis by sustaining regulatory immune responses. *J Pediatr Gastroenterol Nutr*. 2013 Nov;57(5):550-6. doi: 10.1097/MPG.0b013e3182a027e1. PMID: 23783008
14. Gill RK, Al-Subu A, Elitsur Y, Gupta R, Treem WR, Rabinowitz S, Schwarz SM. Prevalence and characteristics of eosinophilic esophagitis in 2 ethnically distinct pediatric populations. *J Allergy Clin Immunol*. 2014 Feb;133(2):576-7. doi: 10.1016/j.jaci.2013.10.042. Epub 2013 Dec 15. PMID: 24342547
15. Zeng M, Amodio J, Schwarz S, Garrow E, Xu J and Rabinowitz SS. Hirschsprung disease presenting as sigmoid volvulus: a case report and review of the literature. *J Pediatr Surg*. 2013 Jan;48(1):243-6. doi: 10.1016/j.jpedsurg.2012.10.042. PMID: 23331823
16. Rabinowitz, S. , Goli, S. , Xu, J. , Zhang, X. , Nicastri, A. , Anderson, V. , Stefanov, D, Schwarz, S. Lack of correlation between obesity and gastroesophageal reflux disease (GERD) in a pediatric cohort. *Open Journal of Pediatrics*, 3, 317-323. doi: 10.4236/ojped.2013.34057.

17. Schwarz SM, Liacouras CA and Rabinowitz SS. Food-related disorders: what we do and do not know. *Pediatric Update* 36 (2), 2015. St. Louis, Washington University, Medical Information Systems.

PEDIATRIC HEMATOLOGY: 2019 to June 2020 (Plus 2015 to 2018 updated by Dr. Zhang June 21,2020)

2019 to June 2020:

1. Chao C, Zhang Y; Biochemistry, Uroporphyrinogen. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan.
2. Pereda MA, Isaac J, Zhang Y, Jayakumar R, Gupta R, Miller S. Massive splenic infarction in a child with sickle cell disease receiving chronic transfusion therapy. *J Pediatr Hematol Oncol*. 2019 Mar;41(2):e79-e82.
3. Chapman J, Zhang Y. Histology, Hematopoiesis. StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2018 Nov 14.
4. Niihara Y, Miller ST, Kanter J, Lanzkron S, Smith WR, Hsu LL, Gordeuk VR, Viswanathan K, Sarnaik S, Osunkwo I, Guillaume E, Sadanandan S, Sieger L, Lasky JL, Panosyan EH, Blake OA, New TN, Bellevue R, Tran L, Razon RL, Stark CW, Neumayr LD, Vichinsky EP, on behalf of the Investigators of the Phase 3 trial of L-Glutamine in Sickle Cell Disease. A phase 3 trial of L-glutamine in sickle cell disease. *N Engl J Med* 2018;379(3);226-35. PMID: 30021096
5. Takahashi T, Okubo Y, Pereda MA, Handa A, Miller S. Factors associated with mechanical ventilation in children with sickle cell disease and acute chest syndrome. *Pediatr Crit Care Med*. 2018 Sep;19(9):801-809. PMID: 29923940
6. Ware RE, Davis BR, Schultz WH, Brown RC, Aygun B, Sarnaik S, Odame I, Fuh B, George A, Owen W, Luchtman-Jones L, Rogers ZR, Hilliard L, Gauger C, Piccone C, Lee MT, Kwiatkowski JL, Jackson S, Miller ST, Roberts C, Heeney MM, Kalfa TA, Nelson S, Imran H, Nottage K, Alvarez O, Rhodes M, Thompson AA, Rothman JA, Helton KJ, Roberts D, Coleman J, Bonner MJ, Kutlar A, Patel N, Wood J, Piller L, Wei P, Luden J, Mortier NA, Stuber SE, Luban NL, Cohen AR, Pressel S, Adams RJ. 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*. 2016 Feb 13;387(10019):661-70. doi: 10.1016/S0140-6736(15)01041-7. Epub 2015 Dec 6. PMID: 26670617

7. Wood JC, Cohen AR, Pressel SL, Aygun B, Imran H, Luchtman-Jones L, Thompson AA, Fuh B, Schultz WH, Davis BR, Ware RE; TWITCH Investigators. Organ iron accumulation in chronically transfused children with sickle cell anaemia: baseline results from the TWITCH trial. *Br J Haematol*. 2016 Jan;172(1):122-30. doi: 10.1111/bjh.13791. Epub 2015 Nov 2. PMID: 26523836
8. Blauel ER, Grossmann LT, Vissa M, Miller ST. Unexpected Anemia and Reticulocytopenia in an Adolescent With Sickle Cell Anemia Receiving Chronic Transfusion Therapy. *J Pediatr Hematol Oncol*. 2015 Oct;37(7):e438-40. doi: 10.1097/MPH.0000000000000410. PMID:26207780
9. Aygun B, Mortier NA, Kesler K, Lockhart A, Schultz WH, Cohen AR, Alvarez O, Rogers ZR, Kwiatkowski JL, Miller ST, Sylvestre P, Iyer R, Lane PA, Ware RE; Stroke With Transfusions Changing to Hydroxyurea (SWITCH) Trial Investigators. Therapeutic phlebotomy is safe in children with sickle cell anaemia and can be effective treatment for transfusional iron overload. *Br J Haematol*. 2015 Apr;169(2):262-6. doi: 10.1111/bjh.13280. Epub 2015 Jan 22. PMID:25612463

PEDIATRIC INFECTIOUS DISEASE: 2019 to June 2020 (Plus 2015 to 2018 updated by MRH June 16,2020)

2019 TO June 2020:

1. Kohlhoff S, Huerta N, Hammerschlag MR. In vitro activity of omadacycline against *Chlamydia pneumoniae*. *Antimicrob Agents Chemother*, 2019 Jan 29;63(2). pii: e01907-18. doi: 10.1128/AAC.01907-18. Print 2019 Feb. PMID:30509942
2. Brownwell AD, Shapiro RA, Hammerschlag MR. Caution is required when using non-FDA cleared assays for sexually transmitted infections in children. *J Pediatr*, 2019;206:280-282. doi: 10.1016/j.jpeds.2018.10.038. Epub 2018 Nov 19.
3. Penton M, Otto C, Hammerschlag MR. Outsourcing microbiology services in medical centers: Is it worth it? *J Pediatr Infect Dis Soc*, 2019 Apr 16. pii: piz019. doi: 10.1093/jpids/piz019. [Epub ahead of print].
4. Kohlhoff S, Huerta N, Hammerschlag MR. In vitro activity of levonadifloxacin (WCK 771) against *Chlamydia pneumoniae*. *Antimicrob Agents Chemother* 2019 Jul 25;63(8). pii: e01048-19. doi: 10.1128/AAC.01048-19. Print 2019 Aug.
5. Sharma R, Hammerschlag MR. Treatment of methicillin-resistant *Staphylococcus aureus* infections in children: a reappraisal of vancomycin. *Curr Infect Dis Rep* 2019 Sep 5;21(10):37. doi: 10.1007/s11908-019-0695-4.

6. Norowitz HL, Morello T, Kupfer HM, Kohlhoff SA, Smith-Norowitz TA [Association between otitis media infection and failed hearing screenings in children](#). PLoS One. 2019 Feb 22;14(2):e0212777. doi:10.1371/journal.pone.0212777. eCollection 2019
7. Banniettis N, Wisecup K, Byland L, Watanabe I, Hammerschlag MR, Kohlhoff S. Association of routine *Chlamydia trachomatis* screening during pregnancy and seroprevalence of chlamydial infection in children, 1991-2015. J Pediatr Infect Dis Soc 2020 Jan 20. pii: p1aa002. doi: 10.1093/jpids/p1aa002. [Epub ahead of print] PMID: 31958120
8. Smith-Norowitz TA, Loeffler L, Huang Y, Klein E, Norowitz YM, Hammerschlag M, Joks R, Kohlhoff S. Levels of *Chlamydia pneumoniae* Immunoglobulin E antibody in patients with asthma compared with non-asthma. Heliyon <https://doi.org/10.1016/j.heliyon.2020.e03512>
9. Smith-Norowitz T, Huang Y, Loeffler J, Klein E, Norowitz YM, Hammerschlag MR, Joks R, Kohlhoff S. Azithromycin decreases *Chlamydia pneumoniae*-mediated interleukin-4 responses but not immunoglobulin E responses. PLoS One, in press, 2020
10. Purswani MU, Russell JS, Dietrich M, Malee K, Spector SA, Williams PL, Frederick T, Burchett S, Redmond S, Hoffman HJ, Torre P 3rd, Lee S, Rice ML, Yao TJ; Pediatric HIV/AIDS Cohort Study, S. Kohlhoff member. [Birth Prevalence of Congenital Cytomegalovirus Infection in HIV-Exposed Uninfected Children in the Era of Combination Antiretroviral Therapy](#). J Pediatr. 2020 Jan;216:82-87.e2. doi: 10.1016/j.jpeds.2019.09.025. Epub 2019 Oct 23.P

2015 to 2018:

11. Kohlhoff SA, Hammerschlag MR. Treatment of chlamydial infections: 2014 update. Expert Opin Pharmacother, 16:205-212, 2015.
12. Kumar S, Smith-Norowitz TA, Kohlhoff, S, Apfalter P, Roblin P, Kutlin A, Harkema J, Ng SP, Doherty-Lyons S, Zelikoff, JT, Hammerschlag MR. Exposure to cigarette smoke and *Chlamydia pneumoniae* infection in mice: effect on infectious burden, systemic dissemination, and cytokine responses. J Immunotox, 2:1-7, 2015.
13. Seña AC, Hsu KK, Kellogg N, Girardet R, Christian CW, Linden J, Griffith W, Marchant A, Jenny C, Hammerschlag MR. Sexual assault and sexually transmitted infections in adults, adolescents and children. Clin Infect Dis 61:S856-64, 2015.
14. Chotikanatis K, Suman N, Bäcker M, Paudyal B, Schoeneman M, Kohlhoff S, Hammerschlag MR. Pediatric fistula initiative: Reducing bloodstream infections in an outpatient pediatric hemodialysis center. J Pediatr Infect Dis Soc 4:363-636, 2015.
15. Banniettis N, Sharma R, Hand I, Peloquin C, Kohlhoff S, Hammerschlag M. Steady state pharmacokinetics of oral linezolid suspension in a premature infant

- with osteomyelitis. *J Antimicrob Chemother*, 71:1738, 2016.
16. Smith-Norowitz T, Chotikanatis K, Erstein DP, Perlman J, Joks R, Durkin HG, Hammerschlag MR, Kohlhoff S. *Chlamydia pneumoniae* enhances the Th2 profile of stimulated peripheral blood mononuclear cells from asthmatic patients. *Human Immunol* 77;382:382-8, 2016.
 17. Smith-Norowitz TA, Saadia TA, Bannietts N, Norowitz YM, Joks R, Hammerschlag MR, Durkin HG, Kohlhoff S. IgE anti-*Haemophilus influenzae* type b (Hib) antibodies detected in serum of Hib vaccinated asthmatic and non-asthmatic pediatric patients. *Minerva Pediatr* 2016 May 17. [Epub ahead of print]
 18. [Smith-Norowitz TA¹](#), [Chotikanatis K](#), [Tam E](#), [Norowitz YM](#), [Joks R](#), [Durkin HG](#), [Hammerschlag MR](#), [Kohlhoff S](#). Epigallocatechin gallate suppresses *Chlamydia pneumoniae* mediated IgE responses in peripheral blood mononuclear cells: a pilot study. *Minerva Med* 107: 363-369, 2016.
 19. Smith-Norowitz TA, Carvajal-Raga S, Weedon J, Joks R, Norowitz KB, Weaver D, Durkin HG, Bluth MH, Hammerschlag MR, Kohlhoff S. Increased seroprevalence of anti-Enterovirus 71 IgE antibodies in asthmatic compared with non-asthmatic children. *Ir J Med Sci* 2016 Jul 20. [Epub ahead of print]
 20. Smith-Norowitz TA, Perlman J, Norowitz YM, Joks R, Hammerschlag MR, Kohlhoff S, *Chlamydia pneumoniae* induces Interleukin-12 responses in peripheral blood mononuclear cells in asthma and the role of toll like receptor 2 versus 4: a pilot study. *Ir J Med Sci*, 2016 Dec 29. doi: 10.1007/s11845-016-1549-9. [Epub ahead of print]
 21. Arun A, Swamy S, Jacob K, Sharma R, Kohlhoff SA, Hammerschlag MR. Evaluation of clinical outcome in children and adolescents receiving vancomycin for invasive infections due to methicillin-resistant *Staphylococcus aureus*: Impact of increasing vancomycin MICs. *Minerva Pediatr* 2016 Dec 22. [Epub ahead of print]
 22. Rours GIJG, Smith-Norowitz TA, Ditkowsky J, Hammerschlag MR, Verkooyen RP, de Groot HA, Postma MJ. Cost-effectiveness of *Chlamydia trachomatis* screening in Dutch pregnant women. *Pathog Global Health* 110:292-302, 2016.
 23. Ditkowsky J, Shah K, Hammerschlag M, Kohlhoff S, Smith-Norowitz TA. Cost-effectiveness analysis of *Chlamydia trachomatis* screening in pregnant women in a high burden setting. *BMC Infect Dis* 2017 Feb 18;17(1):155. doi: 10.1186/s12879-017-2248-5.
 24. Smith-Norowitz T, Weaver D, Chorny V, Norowitz Y, Lent D, Hammerschlag M, Joks R, Kohlhoff S. *Chlamydia pneumoniae* induces interferon gamma responses in peripheral blood mononuclear cells in children with allergic asthma. *Scand J Immunol*, 2017; Jul;86(1):59-64.
 25. Bannietts N, Joshi S, Kaushik S, Kohlhoff S, Hammerschlag MR. Diagnostic practices for suspected community acquired central nervous system infection in the post conjugate vaccine era. *Pediatr Emerg Care*, 2017 May 1. doi: 10.1097/PEC.0000000000001147. [Epub ahead of print]
 26. Bannietts N, Thumu S, Weedon J, Szigeti A, Chotikanatis K, Hammerschlag MR, Kohlhoff SA. Seroprevalence of *Chlamydia trachomatis* in inner-city children and adolescents – implications for vaccine development. *Sex Transm Dis* 44(12):717-721, 2017.
 27. Hammerschlag MR, Smith-Norowitz T, Kohlhoff SA. Keeping an eye on

- Chlamydia and gonorrhea conjunctivitis in infants in the United States, 2010-2015. *Sex Transm Dis* 44(9):577, 2017.
28. Sharma R, Francois D, Hammerschlag MR. New antimicrobial agents for the treatment of staphylococcal infections in children. *Pediatr Clin North Am*, 64:1369-1387, 2017.
 29. Ditkowsky J, Rahman A, Hammerschlag MR, Kohlhoff S, Smith-Norowitz TA. The cost-effectiveness of a *Chlamydia trachomatis* vaccination program in young women in the United States. *J Pediatr Infect Dis Soc*, 2017 Sep 7. doi: 10.1093/jpids/pix072. [Epub ahead of print].
 30. Smith-Norowitz, TA, Chotikanatis K, Weaver D, Ditkowsky J, Norowitz YM, Hammerschlag MR, Joks R, Kohlhoff S. [Chlamydia pneumoniae-induced tumour necrosis factor alpha responses are lower in children with asthma compared with non-asthma](https://doi.org/10.1136/bmjresp-2017-000239). *BMJ Open Resp Res*, 2018 May 5;5(1):e000239. doi: 10.1136/bmjresp-2017-000239. eCollection 2018.
 31. Smith-Norowitz TA, Weaver D, Norowitz YM, Hammerschlag MR, Joks R, Durkin HG, Kohlhoff S. Doxycycline suppresses *Chlamydia pneumoniae* induced interferon-gamma responses in peripheral blood mononuclear cells in children with allergic asthma. *J Infect Chemother* (2018), <https://doi.org/10.1016/j.jiac.2018.02.004>.
 32. Bannietts N, Beekmann, SE, Polgreen PM, Kaushik S, Kohlhoff S, Gilbert D, Bennett JE, Hammerschlag MR. Management practices for methicillin-resistant *Staphylococcus aureus* bloodstream infections with vancomycin in North American adults – An EIN Survey. *Open Forum Infect Dis* 2018 May 19;5(5):ofy093. doi: 10.1093/ofid/ofy093. eCollection 2018 May
 33. Jao J, Kacaneck D, Williams PL et al. Pediatric HIV/AIDS Cohort Study and the International Maternal Pediatric Adolescent AIDS Clinical Trials P1025 Protocol; Pediatric HIV/AIDS Cohort Study and the International Maternal Pediatric Adolescent AIDS Clinical Trials P1025 Protocol, S. Kohlhoff, member. Birth weight and preterm delivery outcomes for perinatally vs non perinatally HIV-infected pregnant women in the United States: Results from the PHACS SMARTT study and IMPAACT P1025 Protocol. *Clin Infect Dis*. 2017 Sept 15; 65(6):982-989. PMID: 28575201.
 34. Norowitz YM, Kohlhoff S, Smith-Norowitz TA. Relationship of influenza virus infection to associated infections in children who present with influenza-like symptoms. *BMC Infect Dis* 2016 Jun 18;16:304. Doi: 10.1186/s12879-016-1624-8. PMID: 27317396
 35. Ditkowsky J, Kohlhoff S, Smith-Norowitz TA. The cost-effectiveness of varicella zoster virus vaccination considering late onset asthma. *Pediatr Infect Dis J*. 2016 Sept;35(9):e275-84. Doi: 10.1097/INF .0000000000001215. PMID: 27187755
 36. Daniel P, Gist R, Grock Am Kohlhoff S, Roblin P, Arquilla B. Disaster Olympics: A model for resident education. *Prehosp Disaster Med* 2016 June;31(3):259-62. PMID: 27048857.
 37. Gist R, Daniel P, Grock A, Lin SJ, Bryant C, Kohlhoff S, Roblin P, Arquilla B. Use of medical reserve corps volunteer in a hospital-based disaster exercise. *Prehosp Disaster Med* 2016 June;31(3):259-62. PMID: 27040977.

38. Versporten A, Bielicki J, Drapier N, et al; ARPEC project group, S. Kohlhoff, member. The Worldwide Antibiotic Resistance and Prescribing in European Children (ARPEC) point prevalence survey: developing hospital-quality indicators of antibiotic prescribing for children. *J Antimicrob Chemother.* 2016 Apr;7(4):1106-17. PMID: 26747104
39. Weigand RE, Cooley G, Gooheew B, Bannietts N, Kohlhoff S, Gwyn S, Martin DL. Latent class modeling to compare testing platforms for detection of antibodies against the *Chlamydia trachomatis* antigen Pgp3. *Sci Rep* 2018; 8:4232. doi: 10.1038/s41598-018-22708-9
40. Butler MM, Waidyarachchi SL, Connolly KL, Jerse AE, Chai W, Lee RE, Kohlhoff SA, Shinabarger DL, Bowlin TL. Aminomethyl spectinomycins as therapeutics for drug-resistant gonorrhea and chlamydia coinfections. *Antimicrob Agents Chemother.* 2018 Apr 26;62(5) pii. E00325-18. Doi: 10.1128/AAC.00325-18
41. Smith-Norowitz TA, Saadia TA, Norowitz KB, Joks R, Durkin HG, Kohlhoff S. Negative IgG varicella-zoster virus antibody status: Immune response pre and post re-immunization. *Infect Dis Ther* 2018;7:175-81.
42. Gwyn S, Cooley G, Gooheew B, Kohlhoff S, Bannietts N, Weigand R, Martin DL. Comparison of platforms for testing antibody responses against the *Chlamydia trachomatis* antigen pgp3. *Am J Trop Med Hyg* 2017;97:1662-1668.
43. Klein E, Helzner E, Shayowitz M, Kohlhoff S, Smith-Norowitz TA. Female genital mutilation: Health consequences and complications-a short literature review. *Obstet Gynecol Int* 2018 Jul 10;2018:7365715. doi: 10.1155/2018/7365715. eCollection 2018 Review.
44. Hufnagel M, Versporten A, Bielciki J, Drapier N, Sharland M, Goosens H; ARPEC Project Group, S. Kohlhoff, member. High rates of prescribing antimicrobials for prophylaxis in children and neonates: results from the antibiotic resistance and prescribing in European children point prevalence survey. *J Pediatr Infect Dis Soc* 2018 March 22. doi: 10.1093/jpids/piy019 [Epub ahead of print]

PEDIATRIC NEPHROLOGY 2019 to June 2020 :

1. Iorember F, Aviles D, Kallash M, Bamgbola O. Cost analysis on the use of rituximab and calcineurin inhibitors in children and adolescents with steroid-dependent nephrotic syndrome. *Pediatr Nephrol* 2017 Sep 1. doi: 10.1007/s00467-017-3789-y. [Epub ahead of print] PMID: 28864927
2. Bamgbola OF. Spectrum of anemia after kidney transplantation: pathophysiology and therapeutic implications. *Clin Transplant.* 2016 Oct; 30(10): 1185-1194. doi: 10.1111/ctr.12813. Epub 2016 Sep 14. Review. PMID: 27428164
3. Bamgbola O. Review of vancomycin-induced renal toxicity: an update. *Ther Adv Endocrinol Metab* 2016 Jun; 7(3):136-47. doi: 10.1177/2042018816638223. Epub 2016 Mar 30. Review. PMID: 27293542

4. Bamgbola O. Metabolic consequences of modern immunosuppressive agents in solid organ transplantation *Ther Adv Endocrinol Metab.* 2016 Jun;7(3):110-27. doi: 10.1177/2042018816641580. Epub 2016 Mar 30. Review. PMID: 27293540
5. Bamgbola OF. A critical review of steroid immunotherapy in kidney transplantation. *Int J Immunol Immunotherapy* 2015, 2(1): 006

PEDIATRIC PULMONOLOGY: 2019 to June 2020 (Last UPDATED Sept 16,2019 – A. Esquibes and Diana Weaver)

1. Sendon C, Esquibies AE. ITGB (Integrin subunit beta) 3 mutation involved in pulmonary hemorrhage and osteopetrosis. *Respir Med Case Rep.* 2019 Feb 16;26:270-272. doi: 10.1016/j.rmcr.2019.02.011. eCollection 2019
2. Goldstein NA, Thomas MS, Yu Y, Weaver DE, Watanabe I, Dimopoulos A, Wasserman J, Ahmad SQ, Ednick M, Vastola AP, Weedon J. The impact of adenotonsillectomy on pediatric asthma. *Pediatr Pulmonol.* 2019 Jan; 54 (10): 20-26. doi: 10.1002/ppul.24207. Epub 2018 Nov 29. PMID: 30489041.
3. Smith-Norowitz TA, Chotikanatis K, Weaver D, Ditkowsky J, Norowitz YM, Hammerschlag MR, Joks R, Kohlhoff S. Chlamydia pneumoniae-induced tumor necrosis factor alpha responses are lower in children with asthma compared with non-asthma. *BMJ Open Respir Res.* 2018 May 5;5(1):e000239. doi: 10.1136/bmjresp-2017-000239. eCollection 2018. PMID: 29755754
4. Smith-Norowitz TA, Weaver D, Norowitz YM, Hammerschlag MR, Joks R, Durkin HG, Kohlhoff S. Doxycycline suppresses Chlamydia pneumoniae induced interferon-gamma responses in peripheral blood mononuclear cells in children with allergic asthma *J Infect Chemother.* 2018 Jun;24(6):470-475. doi: 10.1016/j.jiac.2018.02.004. Epub 2018 Mar 31. PMID: 29615379
5. Nagarajan S, Ahmad S, Quinn M, Agrawal S, Manilich E, Concepcion E, Lee H. Allergic Sensitization and Clinical Outcomes in Urban Children with Asthma, 2013-2016. *Allergy Asthma Proc.* 2018 Jul 1;39(4):281-288. PMID:30095393
6. Bashir A, Ahmad SQ, Silverman J, Concepcion E, Lee H. Post-obstructive pulmonary edema from aspirated nuts. *SAGE Open Med Case Rep.* 2017 Jun 30;5:2050313X17717391. doi: 10.1177/2050313X17717391. eCollection 2017. PMID: 28717510
7. Gummalla P, Mundakel G, Agaronov M, Lee H. Pneumoperitoneum without Intestinal Perforation in a Neonate: Case Report and Literature Review. *Case Rep Pediatr.* 2017;2017:6907329. doi: 10.1155/2017/6907329. Epub 2017 Apr 16. PMID: 28567320

8. George M, Joshi SV, Concepcion E, Lee H. Paradoxical bronchospasm from benzalkonium chloride (BAC) preservative in albuterol nebulizer solution in a patient with acute severe asthma. A case report and literature review of airway effects of BAC. *Respir Med Case Rep.* 2017 Mar 6;21:39-41. doi: 10.1016/j.rmcr.2017.03.005. eCollection 2017. PMID: 28377880
9. George M, Amodio J, Lee H. Cystic Lung Disease in Down Syndrome: A Case Report and Literature Review. *Case Rep Pediatr.* 2016;2016:4048501. Epub 2016 Oct 3. PMID: 27781131
10. George M, Ahmad SQ, Wadowski S. Community-acquired pneumonia among U.S. children. *N Engl J Med.* 2015 May 28;372(22):2166-7. doi: 10.1056/NEJMc1504028#SA1. No abstract available. PMID: 26017834
11. Mehta K, Ahmad SQ, Shah V, Lee H. Postobstructive pulmonary edema after biopsy of a nasopharyngeal mass. *Respir Med Case Rep.* 2015 Oct 30;16:166-8. doi: 10.1016/j.rmcr.2015.10.007. eCollection 2015. PMID: 26744691
12. Saadia TA, George M, Lee H. Lactic acidosis and diastolic hypotension after intermittent albuterol nebulization in a pediatric patient. *Respir Med Case Rep.* 2015 Aug 15;16:89-91. doi: 10.1016/j.rmcr.2015.08.005. eCollection 2015. PMID: 26744665
13. Concepcion E, Amodio J, Lee H. Mediastinal Lipomatosis Presenting as Persistent Pneumonia. *J Pediatr.* 2015 Aug;167(2):493-e1. doi: 10.1016/j.jpeds.2015.04.070. Epub 2015 May 23. No abstract available. PMID:26004000.
14. Smith-Norowitz TA, Mandal M, Joks R, Norowitz LT, Weaver D, Durkin HG, Bluth MH, Kohlhoff S. IgE anti-respiratory syncytial virus antibodies detected in serum of pediatric patients with asthma. *Hum Immunol.* 2015 Jul;76(7):519-24. doi: 10.1016/j.humimm.2015.06.002. Epub 2015 Jun 11. PMID: 26074414
15. Weaver D, Chorny V, Tewari S. Case 1: Joint Pain, Weight Loss, Fatigue, and Persistent Pleural Effusions in 17-year-old Boy. *Pediatr Rev.* 2015 May;36(5):217-8. doi: 10.1542/pir.36-5-217. PMID: 25934911.
16. Goldstein NA, Aronin C, Kantrowitz B, Hersheopf R, Fishkin S, Lee H, Weaver DE, Yip C, Liaw C, Saadia TA, Abramowitz J, Weedon J. The prevalence of sleep-disordered breathing in children with asthma and its behavioral effects. *Pediatr Pulmonol.* 2015 Nov; 50 (11) :1128-36. Doi: 10.1002/ppul.23120. Epub 2014 Dec 2. PMID: 25461921.