

Albert Einstein College of Medicine
Jacobi Medical Center
The Lewis M. Fraad Department of Pediatrics
Selected Recent Publications and Presentations

2016-2017 Academic Year

Dobroszycki J, Lee P, Romo DL, Rosenberg MG, Wiznia A, Abadi J. Antiretroviral therapy in HIV-infected adolescents: clinical and pharmacologic challenges. *Expert Rev Clin Pharmacol.* 2017 May;10(5):509-516.

Thakur N, Barcelo NE, Borrell LN, Singh S, Eng C, Davis A, Meade K, LeNoir MA, Avila PC, Farber HJ, **Serebrisky D**, Brigino-Buenaventura E, Rodriguez-Cintron W, Thyne S, Rodriguez-Santana JR, Sen S, Bibbins-Domingo K, Burchard EG. Perceived Discrimination Associated With Asthma and Related Outcomes in Minority Youth: The GALA II and SAGE II Studies. *Chest.* 2017 Apr;151(4):804-812.

Mahajan P, Kuppermann N, Mejias A, Suarez N, Chaussabel D, Casper TC, Smith B, Alpern ER, Anders J, Atabaki SM, Bennett JE, **Blumberg S**, Bonsu B, Borgialli D, Brayer A, Browne L, Cohen DM, Crain EF, Cruz AT, Dayan PS, Gattu R, Greenberg R, Hoyle JD Jr, Jaffe DM, Levine DA, Lillis K, Linakis JG, Muenzer J, Nigrovic LE, Powell EC, Rogers AJ, Roosevelt G, Ruddy RM, Saunders M, Tunik MG, Tzimenatos L, Vitale M, Dean JM, Ramilo O; Pediatric Emergency Care Applied Research Network (PECARN). Association of RNA Biosignatures With Bacterial Infections in Febrile Infants Aged 60 Days or Younger. *JAMA.* 2016 Aug 23-30;316(8):846-57.

Morrissey M, Ciorciari AJ, **Cunningham SJ.** A 17-Year-Old Girl With Acute Onset of Hemiparesis. *Pediatr Emerg Care.* 2016 Jun;32(6):388-9.

Blumberg SM, Mahajan PV, O'Connell KJ, Chamberlain JM, Shaw KN, Ruddy RM, Lichenstein R, Funai T, Lillis KA; Pediatric Emergency Care Applied Research Network. Radiologic Safety Events Within a Pediatric Emergency Medicine Network. *Pediatr Emerg Care.* 2017 Feb;33(2):92-96.

Al Shetawi AH, Lim CA, Singh YK, Portnof JE, **Blumberg SM.** Pediatric Maxillofacial Trauma: A Review of 156 Patients. *J Oral Maxillofac Surg.* 2016 Jul;74(7):1420.e1-4.

Stone ME Jr, Farber BA, Olorunfemi O, Kalata S, **Meltzer JA**, Chao E, Reddy SH, Teperman S. Penetrating neck trauma in children: An uncommon entity described using the National Trauma Data Bank. *J Trauma Acute Care Surg.* 2016 Apr;80(4):604-9.

Sirois PA, Aaron L, Montepiedra G, Pearson DA, Kapetanovic S, Williams PL, Garvie PA, **Nozyce ML**, Malee K, Nichols SL, Kammerer BL, Mitchell WG, Mintz M, Oleske JM; IMPAACTPACTG 219C Team. Stimulant Medications and Cognition, Behavior and Quality of Life in Children and Youth with HIV. *Pediatr Infect Dis J.* 2016 Jan;35(1):e12-8.

Neophytou AM, White MJ, Oh SS, Thakur N, Galanter JM, Nishimura KK, Pino-Yanes M, Torgerson DG, Gignoux CR, Eng C, Nguyen EA, Hu D, Mak AC, Kumar R, Seibold MA, Davis A, Farber HJ, Meade K, Avila PC, **Serebrisky D**, Lenoir MA, Brigino-Buenaventura E, Rodriguez-Cintron W, Bibbins-Domingo K, Thyne SM, Williams LK, Sen S, Gilliland FD, Gauderman WJ, Rodriguez-Santana JR, Lurmann F, Balmes JR, Eisen EA, Burchard EG. Air Pollution and Lung Function in Minority Youth with Asthma in the GALA II (Genes-Environments and Admixture in Latino Americans) and SAGE II (Study of African Americans, Asthma, Genes, and Environments) Studies. *Am J Respir Crit Care Med*. 2016 Jun 1;193(11):1271-80.

Delaney KM, Reddy SH, Dayama A, Stone ME Jr, **Meltzer JA**. Risk factors associated with bladder and urethral injuries in female children with pelvic fractures: An analysis of the National Trauma Data Bank. *J Trauma Acute Care Surg*. 2016 Mar;80(3):472-6.

Delaney KM, Pankow A, Avner JR, Rabiner JE. Appendicitis and Analgesia in the Pediatric Emergency Department: Are We Adequately Controlling Pain? *Pediatr Emerg Care*. 2016 Sep;32(9):581-4. doi: 10.1097/PEC.0000000000000573. PubMed PMID: 26466149.

Meltzer JA, Reddy SH, Blumfield E, Alvaay C, **Blumberg SM**. Pelvic Fracture Urethral Injuries in Children: A Case Report and Appraisal of Their Emergency Management. *Pediatr Emerg Care*. 2016 Sep;32(9):627-9.

2015-2016 Academic Year

Original Publications in Peer-Reviewed Journals:

Davidson LL, Diaz, P. Pediatricians Transitioning Practices, Youth With Special Health Care Needs in New York State.. *Clinical pediatrics*. 2015-10;54:1051-1058

Liu G, Fennelly G, Kazacos KR, Grose C, Dobroszycki J, Saffra N, Coyle CM, Weiss LM, Szlechter MM, Tanowitz HB. Baylisascaris procyonis and Herpes Simplex Virus 2 Coinfection Presenting as Ocular Larva Migrans with Granuloma Formation in a Child. *Am J Trop Med Hyg*. 2015 Jun 29. pii: 15-0272.

Garcia CM, Meltzer JA, Chan KN, Cunningham SJ. A Validation Study of the PAWPER (Pediatric Advanced Weight Prediction in the Emergency Room) Tape-A New Weight Estimation Tool. *J Pediatr*. 2015 Jul;167(1):173-177.

Stone ME Jr, Farber BA, Olorunfemi O, Kalata S, Meltzer JA, Chao E, Reddy SH, Teperman S. Penetrating neck trauma in children: An uncommon entity described using the National Trauma Data Bank. *J Trauma Acute Care Surg*. 2016 Apr;80(4):604-9.

Delaney KM, Reddy SH, Dayama A, Stone ME Jr, Meltzer JA. Risk factors associated with bladder and urethral injuries in female children with pelvic fractures: An analysis of the National Trauma Data Bank. *J Trauma Acute Care Surg.* 2016 Mar;80(3):472-6.

Conlon BA, McGinn AP, Lounsbury DW, Diamantis PM, Groisman-Perelstein AE, WylieRosett J, Isasi CR. The Role of Parenting Practices in the Home Environment among Underserved Youth. *Child Obes.* 2015 Aug;11(4):394-405.

Batsis ID, Okito O, Meltzer JA, Cunningham SJ. Internal Hernia as a Cause for Intestinal Obstruction in a Newborn. *J Emerg Med.* 2015 Sep;49(3):277-80.

Liu G, Fennelly G, Kazacos KR, Grose C, Dobroszycki J, Saffra N, Coyle CM, Weiss LM, Szlechter MM, Tanowitz HB. Baylisascaris procyonis and Herpes Simplex Virus 2 Coinfection Presenting as Ocular Larva Migrans with Granuloma Formation in a Child. *Am J Trop Med Hyg.* 2015 Sep;93(3):612-4.

Rizk ML, Du L, Bennetto-Hood C, Wenning L, Tepler H, Homony B, Graham B, Fry C, Nachman S, Wiznia A, Worrell C, Smith B, Acosta EP. Population pharmacokinetic analysis of raltegravir pediatric formulations in HIV-infected children 4 weeks to 18 years of age. *J Clin Pharmacol.* 2015 Jul;55(7):748-56

Uppal A, Chou KJ. Screening adolescents for sexually transmitted infections in the pediatric emergency department. *Pediatr Emerg Care.* 2015 Jan;31(1):20-4.

Pino-Yanes M, Gignoux CR, Serebrisky D, et al. Genome-wide association study and admixture mapping reveal new loci associated with total IgE levels in Latinos. *J Allergy Clin Immunol.* 2015 Jun; 135(6):1502-10.

Rosen D, Chu J, Morotti R, Levanon D, Rose S, Lee S, Arnon R. Hepatitis C Virus-Autoimmune Hepatitis Overlap Syndrome in an Adolescent. *J Pediatr Gastroenterol Nutr.* 2015 Aug;61(2):e7- 9

Katz-Sidlow RJ, Baer TG, Gershel JC. Providing rapid feedback to residents on their teaching skills: an educational strategy for contemporary trainees. *Int J Med Educ.* 2016 Mar 20;7:83-6.

Dehority W, Abadi J, Wiznia A, Viani RM. Use of Integrase Inhibitors in HIV-Infected Children and Adolescents. *Drugs.* 2015 Sep;75(13):1483-97.

Presentations at national meetings:

North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Meeting, Washington, DC, October 8, 2015:

Nelson A, Roma N, Batsis I, Kota AS, Blumfield E, Gershel JC, Levanon D: Chemical Dissolution of a Pediatric Gastric Bezoar Using Oral Coca-Cola.

Kota AS, Batsis I, Gershel JC, Levanon D Obesity: An emerging Co-morbidity of Autistic Spectrum Disorder.

Nelson K, Kota AS, Blumfield E, Sun Y, Gershel JC, Levanon D The Radiologic Journey of an Abdominal Mass: A Case of Castleman's disease.

Batsis I, Kota AS, Pereira E, Nelson K, Blumfield E, Gershel JC, Levanon D: Kernicterus Secondary to a Novel Mutation in UGT1A1 Gene Combined with Gilbert Type Promoter Mutation.

Kota A, Etkin A, Nelson K, Pevzner V, Golden L, Gershel J, Halpern M, Rozdolski R, Levanon D: Perioperative Risk Reduction for Patients with Gastrointestinal Disorders: Performing Multiple Procedures During A Single Anesthesia.

Kota A, Etkin A, Nelson K, Yeroshalmi F, Gershel JC, Levanon D: Incorporating Oral Health into a Pediatric Gastroenterology Clinic Dedicated to Children with Autism Spectrum Disorder.

APA-SPR-PAS meeting in Baltimore, Maryland ~ April 30 - May 3, 2016:

Anusha Fernando, Kathy Chou: Screening for Violence in an Urban Pediatric Emergency Department (PED)

Kristen Delaney, Stephen Blumberg: Choice of Corticosteroid in the Management of Acute Asthma Exacerbations: A Survey of Pediatric Emergency Medicine (PEM)

Noe Romo, Stephen Blumberg: Evaluation of Gun Shot Wound (GSW) Pediatric & Young Adult Patients in an Urban Hospital

Blair Hahn, Joshua Small, Archana S Kota, Katelyn Nelson, Jeffrey C Gershel, and Daniela Levanon: Sedentary Behavior and Fatty Liver: Is There an Association in Children?

Adin Nelson, Jeffrey Gershel: Asthma Admission Rates Decrease During Periods Of Cold Weather

Ololade Okito, Yamini Lad, Daniel Rodriguez, Jeffrey Gershel, K Rivlin: Identifying the Hidden Curriculum in Teaching Patient Family Centered Care

Rodriguez DA, Gershel JC, Burks A, Rivlin K: Using Implementation Research to Assess the Barriers to Reproducing a Successful Model for Resident QI Projects

Eastern SPR meeting in Philadelphia, Friday March 11, 2016:

Khyzer Aziz, Noé D Romo, Kenneth Rivlin, Jeffrey C Gershel, MD: Pediatric Readmissions at an Inner City Safety-Net Hospital

2014-2015 Academic Year

Original Publications in Peer-Reviewed Journals:

Evans SD, Mellins CA, Wiznia A, et al. HIV treatment adherence measurement and reporting concordance in youth with perinatally acquired HIV infection and their caregivers. *AIDS Patient Care STDS*. 2015 Jan;29(1):43-51.

Khan UI, Groisman-Perelstein A, Diamantis PM, Ginsberg M et al. Differences in Cardiometabolic Risk between Insulin-Sensitive and Insulin-Resistant Overweight and Obese Children. *Child Obes.* 2015 Jun;11(3):289-96.

Golub M, Charlop M, Groisman-Perelstein AE, et al. Got low-fat milk? How a community-based coalition changed school milk policy in New York City. *Fam Community Health.* 2011 Jan-Mar; 34 Suppl 1:S44-53.

Pino-Yanes M, Thakur N, Serebrisky D, et al. Genetic ancestry influences asthma susceptibility and lung function among Latinos. *J Allergy Clin Immunol.* 2015 Jan;135(1):228-35.

Menaker J, Blumberg S, Wisner DH, et al. Intra-abdominal Injury Study Group of the Pediatric Emergency Care Applied Research Network (PECARN). Use of the focused assessment with sonography for trauma (FAST) examination and its impact on abdominal computed tomography use in hemodynamically stable children with blunt torso trauma. *J Trauma Acute Care Surg.* 2014 Sep;77(3):427-32.

Galanter JM, Gignoux CR, Serebrisky D, et al. Genome-wide association study and admixture mapping identify different asthma-associated loci in Latinos: the Genes-environments & Admixture in Latino Americans study. *J Allergy Clin Immunol.* 2014 Aug;134(2):295-305.

Blumberg SM, Mahajan PV, O'Connell KJ, et al. Radiologic Safety Events within a Pediatric Emergency Medicine Network. *Pediatr Emerg Care.* In press.

Ellison AM, Quayle KS, Blumberg S, et al. Use of Oral Contrast for Abdominal Computed Tomography in Children With Blunt Torso Trauma. *Ann Emerg Med.* 2015 Mar 5.

Gershel J, Kreiner R, Spitzer G, Slotkin EK, Sterman A, Rivlin K: Usefulness of the C-reactive protein in predicting the need for antibiotics among febrile inpatients with sickle cell disease. *Open Infect Dis J* 2015;9:26-9.

Knee SJ, Alexander E, Medar S. Failure to Thrive and Respiratory Failure in an Adolescent Male. *Clin Pediatr (Phila).* 2015 Apr 6.

Lichenstein R, O'Connell K, Blumberg S, et al. Laboratory Errors in a Pediatric Emergency Department Network: An Analysis of Incident Reports. *Pediatr Emerg Care.* 2015 Apr 1.

McGarry ME, Castellanos E, Serebrisky D, et al. Obesity and Bronchodilator Response in African-American and Hispanic Children and Adolescents with Asthma. *Chest.* 2015 Mar 5.

Meltzer JA, Reddy S, Blumfield E, Alwayay C, Blumberg SM. Pelvic fracture urethral injuries in children: a case report and appraisal of their emergency management. *Pediatr Emerg Care.* In press

Sheares BJ, Mellins RB, Serebrisky D, et al. Do Patients of Subspecialist Physicians Benefit from Written Asthma Action Plans? *Am J Respir Crit Care Med.* 2015 Apr 13.

Presentations at national meetings:

APA-SPR-PAS meeting in San Diego, April 25-28, 2015:

Kerrin DePeter, James Meltzer, Stephen Blumberg, Sarah Dienstag Becker. Is Ibuprofen Exposure Associated with Bone Healing Complications in Children with Extremity Fractures?

Khyzer Aziz, Noe D. Romo, Jeffrey Gershel.

Can an Elevated CRP Predict Which Febrile Young Infants Have a Serious Bacterial Infection?

Noe D. Romo, Khyzer Aziz, Jeffrey Gershel.

Does Prior Antibiotic Exposure Affect the Risk of a Serious Bacterial Infection in Young Infants?

Adin Nelson, Juan Remon.

Feasibility of Collecting Umbilical Cord Blood in ELBW Neonates

James A. Meltzer, Sergey Kunkov, Jennifer H. Chao, Ee T. Tay, Jerry P. George, David Borukhov, Stephen Alerhand, Prince A. Harrison, Jeffrey Hom, Ellen F. Crain.

Time Does Matter: Delays in Appendectomy Are Associated with Increased Risk of Perforation in Children

Daniela E. Purice, Adriana E. Groisman-Perelstein, Pamela M. Diamantis, Uri Belkind, Paulo Pina, David H. Rubin.

Which Anthropometric Measurements Are the Best Predictors of Metabolic Syndrome in the Pediatric Population?

Lauren R. Richter, Jeffrey Gershel, Kenneth Rivlin.

Pediatric Residents' Perspective on Physician Suicide: A System Problem

Lauren R. Richter, J. Auxford Burks, Jeffrey Gershel, Kenneth Rivlin.

Resident Consensus Statement on Confronting Depression and Suicide in Residents

Kristen M. Delaney, Srinivas H. Reddy, Anand Dayama, Melvin E. Stone, James A. Meltzer.

Risk Factors Associated with Bladder and Urethral Injuries in Female Children with Pelvic Fractures – An Analysis of the National Trauma Data Bank

Suzanne Roberts, Abigail Nixon, James Meltzer, Einat Blumfield.

Evaluation of a Focused Abdominal-Pelvic CT Scan To Detect the Appendix in Children

Irini Batsis, Archana S. Kota, Jeffrey C. Gershel, Daniela Levanon.

Dairy Exclusion in the Treatment of Chronic Constipation in Children

2013-2014 Academic Year

Original Publications in Peer-Reviewed Journals:

Calderon Y, Chou K, Cowan E, et al. Analysis of HIV testing acceptance and risk factors of an adolescent cohort using emergency department-based multimedia HIV testing and counseling. Sex Transm Dis. 2013 Aug;40(8):624-8.

de Mulder M, Wiznia AA, Rosenberg MG, et al .HIV-1 drug resistance prevalence, drug susceptibility and variant characterization in the Jacobi Medical Center paediatric cohort, Bronx, NY, USA. HIV Med. 2014 Mar;15(3):135-43.

Drake KA, Torgerson DG, Serebrisky D, et al. A genome-wide association study of bronchodilator response in Latinos implicates rare variants. J Allergy Clin Immunol. 2014 Feb;133(2):370-8.

Duchicela S, Lim A. Pediatric nerve blocks: an evidence-based approach. Pediatr Emerg Med Pract. 2013 Oct;10(10):1-19.

Garcia M, Taylor G, Blumberg SJ, et al; Pediatric Emergency Care Applied Research Network (PECARN). Computed tomography with intravenous contrast alone: the role of intra-abdominal fat on the ability to visualize the normal appendix in children. Acad Emerg Med. 2013 Aug;20(8):795-800.

Grossman D, Kunkov S, Kaplan C, Crain EF. Calling 911! What role does the pediatrician play? Pediatr Emerg Care. 2013 Jun;29(6):726-8.

Holmes JF, Blumberg S, Lee L, Tunik M, et al; PECARN. Identifying children at very low risk of clinically important blunt abdominal injuries. Ann Emerg Med 2013 Aug;62(2):107-116.

Katz-Sidlow RJ, Lindenbaum Y, Sidlow R. Residents' attitudes toward a smartphone policy for inpatient attending rounds. J Hosp Med. 2013. Sep;8(9):541-2.

Kerrey BT, Rogers AJ, Blumberg SM, et al; PECARN. A multicenter study of the risk of intraabdominal injury in children after normal abdominal computed tomography scan results in the emergency department. Ann Emerg Med. 2013 Oct;62(4):319-26.

Lee LK, Rogers AJ, Blumberg S, et al; (PECARN). Occult Pneumothoraces in Children with Blunt Torso Trauma. Acad Emerg Med. 2014 Apr;21(4):440-448.

Lim CA, Kaufman BJ, O'Connor J Jr, Cunningham SJ. Accuracy of weight estimates in pediatric patients by prehospital Emergency Medical Services personnel. Am J Emerg Med. 2013 Jul;31(7):1108-12.

Neely M, Rutstein R, Wiznia A, et al; LEGACY Consortium: Use of nucleoside reverse transcriptase inhibitor-only regimens in HIV-infected children and adolescents. Pediatr Infect Dis J. 2013 Sep;32(9):e370-6.

Roberts S, Meltzer JA. An evidence-based approach to electrical injuries in children. Pediatr Emerg Med Pract. 2013 Sep;10(9):1-16; quiz 16-7. Review. PubMed PMID: 24191428.

Presentations at national meetings:

APA-SPR-PAS meeting in Vancouver, May 2 - 7, 2014:

Maria Victoria B. Pertubal, Pamela M. Diamantis, Ellen J. Silver, Paulo Pina, David H. Rubin, Adriana E. Groisman-Perelstein.

Are Socio-Demographic Characteristics Associated With Success in an Open Access Family Weight Management Program?

Caitlin Woo-Pierce, Carla Pratt, Rachel J. Katz-Sidlow.

The “Jacobi Kids” Experience: Millennial Students Gain Empathy by Giving Back

Archana Verma, Stephen M. Blumberg.

Parental Preference of Metered Dose Inhaler with Spacer (MDIS) vs Nebulizer for Home Albuterol Administration

Sacha I. Duchicela, Sandra Cunningham.

High-Concentration Nitrous Oxide (HC- N₂O) vs Standard Care Alone for Procedural-Induced Pain or Anxiety during Minor Pediatric Procedures

Meital Barzideh, Jeffrey C. Gershel, Kenneth Rivlin.

The Pediatric Prenatal Visit (PPV): A Health Impact Assessment (HIA)

Casey Strier, Kenneth Rivlin, Teresa A. McCann.

Experiential Learning of Family Centered Care: the Effect of Resident-Run Family Centered Rounds on Resident Education