

UNIVERSITY OF PENNSYLVANIA - PERELMAN SCHOOL OF MEDICINE  
Curriculum Vitae

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Kelly C. Wade, M.D., Ph.D., M.S.C.E.

Address: Children's Hospital of Philadelphia Newborn Care  
Pennsylvania Hospital  
800 Spruce Street  
Philadelphia, PA 19107 USA

If you are not a U.S. citizen or holder of a permanent visa, please indicate the type of visa you have:  
none (U.S. citizen)

Education:

1989	B.S.	University of California, Davis (Biochemistry)
1993	M.S.	Yale School of Medicine (Genetics)
1996	Ph.D.	Yale School of Medicine (Genetics)
1997	M.D.	Yale School of Medicine (Medicine)
2010	M.S.C.E.	University of Pennsylvania (Clinical Epidemiology and Biostatistics)

Postgraduate Training and Fellowship Appointments:

1997-2000	Pediatric Residency, Combined Program, Children's Hospital of Boston & Boston Medical Center
2000-2001	Chief Resident in Pediatrics, Children's Hospital of Boston
2001-2004	Fellowship in Neonatal-Perinatal Medicine, Children's Hospital of Philadelphia

Military Service:

[none]

Faculty Appointments:

2004-2008	Instructor A in Pediatrics, Department of Pediatrics, University of Pennsylvania School of Medicine
2008-2014	Assistant Professor of Clinical Pediatrics, University of Pennsylvania School of Medicine
2014-2020	Associate Professor of Clinical Pediatrics, University of Pennsylvania School of Medicine
2020-present	Professor of Clinical Pediatrics, University of Pennsylvania School of Medicine

Hospital and/or Administrative Appointments:

2004-present	Attending Neonatologist, Department of Pediatrics, Children's Hospital of Philadelphia
2004-present	Attending Neonatologist, CHOP Newborn Care at Pennsylvania Hospital

2005-2008	Adjunct Pharmacologist, CHOP, Division of Clinical Pharmacology and Therapeutics
2010-2014	Associate Director, Nurseries, Academics, and Policy, CHOP Newborn Care at Pennsylvania Hospital
2014-present	Associate Director, Therapeutics and Medical Education, CHOP Newborn Care at Pennsylvania Hospital

Other Appointments:

[none]

Specialty Certification:

2000	American Board of Pediatrics
2005	Neonatal-Perinatal Medicine, American Board of Pediatrics
2008	American Board of Pediatrics (recertification)
2015	Neonatal-Perinatal Medicine, American Board of Pediatrics (recertification)
2018	American Board of Pediatrics (recertification)

Licensure:

2001	Pennsylvania
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Awards, Honors and Membership in Honorary Societies:

1988	Phi Beta Kappa
1997	Janet Glasgow Memorial Achievement Citation, American Medical Women's Association
1997	Farr Thesis Prize, Yale School of Medicine
1997	M.D./Ph.D. Thesis Prize, Yale School of Medicine
2001	Sydney Farber House Staff Award, Children's Hospital Boston
2002	Selected Participant, Eunice Kennedy Shriver National Institute of Child Health Conference, Aspen, CO
2005	Faculty Honor Roll, Children's Hospital of Philadelphia
2006	Faculty Honor Roll, Children's Hospital of Philadelphia
2010	PRO-LC Physician of the Year, Pennsylvania Resource Organization for Lactation Consultants
2012	2012 Harrison Fund Recipient, Pennsylvania Hospital
2018	Invited Participant, American Academy of Pediatrics 2018 Annual Leadership Forum

Memberships in Professional and Scientific Societies and Other Professional Activities:National:

1997-Present	American Academy of Pediatrics Section of Clinical Pharmacology and Therapeutics (SOCPT) Section of Neonatal Perinatal Medicine (SPNPM)
2006-2007	American College of Clinical Pharmacology (Member)

- 2006-2007 American Society of Microbiology (Member)
- 2006-2008 NICHD funded Pediatric Pharmacology Research Unit
- 2010-Present NICHD Pediatric Trials Network  
 - Member, Executive Steering Committee, 2010-present  
 - Member, Publication Review Committee, 2013-present  
 - Member, Caffeine Protocol Development Group, 2014-2018
- 2010-2016 NIH, eROP-Telemedicine for the evaluation of Retinopathy of Prematurity (NEI funded clinical trial)
- 2010-Present Society for Pediatric Research (Member)
- 2012-2016 NICHD Better Pharmaceutical for Children's Act (BPCA)
- 2013-present Food and Drug Administration  
 - Member, Neonatal Advisory Committee, 2013-present  
 - Member, Pediatric Advisory Committee, 2015-present  
 - Chair, Pediatric Advisory Committee, 2019-present
- 2015-Present International Neonatal Consortium  
 - Invited participant in the following working groups: Clinical Pharmacology (2015-present), Infectious Disease (2015-2016), Communication (2016-present), Safety and adverse event reporting (2017-present)  
 - Co-Chair, Communication group, (2020-present)  
 - Co-Lead for the retrospective validation of the Standardized Adverse Event Severity Score tool, (2019-present)
- 2016-2018 American Society for Health-System Pharmacists (Standardize for Safety Project: compounded oral liquid medications)

Local:

- 2008-Present Philadelphia Perinatal Society (Member)

Editorial Positions:

- 2010-Present Peer-Reviewer, Journal of Perinatology  
 2011-Present Peer-Reviewer, Journal Of Pediatrics  
 2013-Present Peer-Reviewer, Pediatric Infectious Disease Journal  
 2016-present Peer-Reviewer, Antimicrobial Agents and Chemotherapy  
 2017-Present Peer-Reviewer, European Journal of Pediatrics  
 2017-present Peer-Reviewer, Ophthalmology

Academic and Institutional Committees:

- 1998-2001 Co-Chair, Memorial Service Committee, Children's Hospital of

	Boston
1999-2001	Member, Selection Committee, Boston Combined Residency Program
2000-2001	Member, Investigational Review Board, Children's Hospital of Boston
2000-2001	Chair, Grand Rounds Organizing Committee, Children's Hospital of Boston
2001-2004	Member, Neonatology Clinical Research Group, Children's Hospital of Philadelphia
2002-2004	Co-Chair, Neonatology Fellows Scheduling Committee, Children's Hospital of Philadelphia
2002-2003	Member, Neonatology Consensus Committee, Ventilation of Premature Infants, Children's Hospital of Philadelphia
2003-2004	Member, Neonatology Consensus Committee, Limits of Resuscitation, Children's Hospital of Philadelphia
2004-2005	Chair, Neonatology Consensus Committee, Caring and Responsible End of Life Guidelines, Children's Hospital of Philadelphia
2006-2008	Member, Therapeutic Standards Committee, Children's Hospital of Philadelphia
2006-2008	Member, Neonatology Database Committee, Children's Hospital of Philadelphia
2006-2008	Member, Fetal Palliative Care Consultant Group, Children's Hospital of Philadelphia
2007-2012	Member, Neonatology Fellow Selection Committee, Children's Hospital of Philadelphia
2009-Present	Member, Pharmacy and Therapeutics Committee, Pennsylvania Hospital
2009-2013	Member, Breastfeeding Committee for NICU, Pennsylvania Hospital
2010-Present	Member, Neonatal Intensive Care Unit Based Clinical Leadership Group, Pennsylvania Hospital
2010-Present	Member, ICN Management Committee, Pennsylvania Hospital
2010-2018	Member, Post-partum & Newborn Care Unit Based Clinical Leadership Group, Pennsylvania Hospital
2011-2016	Member, Newborn Care Patient Safety Collaborative, Children's Hospital of Philadelphia
2012-2014	Physician Leader, NICHQ Best-Fed Beginnings Team, Pennsylvania Hospital
2014-2017	Member, Newborn Care Network, Guidelines for glucose monitoring of newborns at risk for hypoglycemia, Children's Hospital of Philadelphia
2018	Member, Resident Education in Neonatology Committee, Children's Hospital of Philadelphia
2018-Present	Chair, Neonatal Pharmacy and Therapeutics Subcommittee, University of Pennsylvania Health System

Major Academic and Clinical Teaching Responsibilities: (last 5 years)

2008-Present	Course Director. Pediatrics 305D Well Newborn, Perelman School of Medicine. Medical student clinical rotation at Pennsylvania Hospital (3-5 students per year, 2-4 week rotation)
2008-Present	Faculty, Perinatal and Neonatal Case Review Noon Conference, Children's Hospital of Philadelphia
2010-Present	Chair, Neonatology Academic Conference, Pennsylvania Hospital
2012-Present	Faculty, Neonatal Fellow Simulation Education, Communication Workshops 2-4 times per year, Children's Hospital of Philadelphia
2014-Present	Faculty Lecturer, UPENN Nursing School, NURS776 High Risk Neonate, Theory, 2 lectures (3 hours)per year: "Guiding Drug Principles to Improve Infectious Disease Outcomes" and "Treatment of Viral and Fungal Infections in the NICU"
2014-Present	CHOP Physician Assistant in Neonatology Resident Lectures. "Basic Pharmacokinetics to improve drug dosing in neonates", "Treatment of viral and fungal infections", "Exchange Transfusion for RH isoimmunization", "Resident Choice", "Comparison of neonatal care in different NICUs", "Fundamentals of Fetal and Neonatal Care" (3-5 lectures per year)
2014-Present	Course Director. CHOP Pediatric Resident, Independent Elective Unit in Neonatology at Pennsylvania Hospital (2-5 residents per year, 1 month rotation)
2015-Present	Pediatric Resident lecture during clinical rotation. "Delivery Room Care and Neonatal Resuscitation Review with simulation"(2-5 times per year), Children's Hospital of Philadelphia
2015-Present	Instructor, Neonatal Resuscitation Program, UPENN Newborn Care at Pennsylvania Hospital
2016-Present	Medical student lectures during clinical rotation at Pennsylvania Hospital. "Newborn Physical Exam for Term and Preterm Infants", "Neonatal Resuscitation in the Delivery Room (NRP review with simulation), "Essential Knowledge for Newborn Care", "Respiratory Distress in Term and Preterm Neonates", "Hypoglycemia in Term Newborns", Evaluation of Risk for Early Onset Sepsis in Newborns", "Evaluation and Management of Hyperbilirubinemia in Term and Preterm newborns"(2-8 lectures per year)
2017	CHOP Neonatal Fellow Lecture in Fellow Physiology Conference series. "Clinical Toxicology - medication in Pregnancy and lactation"
2017	"Maternal Toxoplasmosis Infection in Pregnancy". One lecture given as part of Neonatology Morbidity and Mortality Conference, Children's Hospital of Philadelphia
2017-2018	Resident lectures during clinical rotation in CHOP Newborn and Infant Care Unit. "Management of renal failure in VLBW infants", "Exchange transfusion for isoimmune hemolytic disease in newborn", "Ventilator management in preterm infants", "Comparison of trials evaluating blood transfusions in VLBW













20. Smith P.B., Cohen-Wolkowicz M., Castro L.M., Poindexter B., Bidegain M., Weitkamp J.H., Schelonka R.L., Ward R.M., Wade K., Valencia G., Burchfield D., Arrieta A., Bhatt-Mehta V., Walsh M., Kantak A., Rasmussen M., Sullivan J.E., Finer N., Brozanski B.S., Sanchez P., van den Anker J., Blumer J., Kearns G.L., Capparelli E.V., Anand R., Benjamin D.K. : Population pharmacokinetics of meropenem in plasma and cerebrospinal fluid of infants with suspected or complicated intra-abdominal infections. Pediatric Infectious Disease Journal 30(10): 844-9, Oct 2011.
21. Mossabeb R., Wade K.C., Finnegan K., Sivieri E., Abbasi S.: Language development survey provides a useful screening tool for language delay in preterm infants. Clinical Pediatrics 51(7): 638-44, July 2012.
22. Watt K.M., Benjamin D.K. Jr, Cheifetz I.M., Moorthy G., Wade K.C., Smith P.B., Brouwer K.L., Capparelli E.V., Cohen-Wolkowicz M.: Pharmacokinetics and safety of fluconazole in young infants supported with extracorporeal membrane oxygenation. Pediatric Infectious Disease Journal 31(10): 1042-7, Oct 2012.
23. Cohen-Wolkowicz Michael, Poindexter Brenda, Bidegain Margarita, Weitkamp Joern-Hendrik, Schelonka Robert L, Randolph David A, Ward Robert M, Wade Kelly, Valencia Gloria, Burchfield David, Arrieta Antonio, Mehta Varsha, Walsh Michele, Kantak Anand, Rasmussen Maynard, Sullivan Janice E, Finer Neil, Rich Wade, Brozanski Beverly S, van den Anker John, Blumer Jeffrey, Laughon Matthew, Watt Kevin M, Kearns Gregory L, Capparelli Edmund V, Martz Karen, Berezny Katherine, Benjamin Daniel K, Smith P Brian: Safety and effectiveness of meropenem in infants with suspected or complicated intra-abdominal infections. Clinical infectious diseases : an official publication of the Infectious Diseases Society of America 55(11): 1495-502, Dec 2012.
24. Reiss Errol, Lasker Brent A, Lott Timothy J, Bendel Catherine M, Kaufman David A, Hazen Kevin C, Wade Kelly C, McGowan Karin L, Lockhart Shawn R: Genotyping of *Candida parapsilosis* from three neonatal intensive care units (NICUs) using a panel of five multilocus microsatellite markers: broad genetic diversity and a cluster of related strains in one NICU. Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases 12(8): 1654-60, Dec 2012.
25. Benjamin Daniel K, Hudak Mark L, Duara Shahnaz, Randolph David A, Bidegain Margarita, Mundakel Gracielas T, Natarajan Girija, Burchfield David J, White Robert D, Shattuck Karen E, Neu Natalie, Bendel Catherine M, Kim M Roger, Finer Neil N, Stewart Dan L, Arrieta Antonio C, Wade Kelly C, Kaufman David A, Manzoni Paolo, Prather Kristi O, Testoni Daniela, Berezny Katherine Y, Smith P Brian: Effect of fluconazole prophylaxis on candidiasis and mortality in premature infants: a randomized clinical trial. JAMA : the Journal of the American Medical Association 311(17): 1742-9, May 2014.
26. Monk Heather M, Motsney Adam J, Wade Kelly C: Safety of Rotavirus Vaccine in the NICU. Pediatrics 133(6): e1555-60, May 2014.

27. Quinn Graham E, Ying Gui-shuang, Daniel Ebenezer, Hildebrand P Lloyd, Ells Anna, Baumritter Agnieszka, Kemper Alex R, Schron Eleanor B, Wade Kelly: Validity of a telemedicine system for the evaluation of acute-phase retinopathy of prematurity. JAMA ophthalmology 132(10): 1178-84, Oct 2014.
28. Kemper Alex R, Wade Kelly C, Hornik Christoph P, Ying Gui-Shuang, Baumritter Agnieszka, Quinn Graham E: Retinopathy of Prematurity Risk Prediction for Infants with Birth Weight Less than 1251 Grams. The Journal of pediatrics 166(2): 257-61.e2, Nov 2014.
29. Ying Gui-Shuang, Quinn Graham E, Wade Kelly C, Repka Michael X, Baumritter Agnieszka, Daniel Ebenezer: Predictors for the Development of Referral-Warranted Retinopathy of Prematurity in the Telemedicine Approaches to Evaluating Acute-Phase Retinopathy of Prematurity (e-ROP) Study. JAMA ophthalmology 133(3): 304-11, Dec 2014.
30. Watt Kevin M, Gonzalez Daniel, Benjamin Daniel K, Brouwer Kim L R, Wade Kelly C, Capparelli Edmund, Barrett Jeffrey, Cohen-Wolkowicz Michael: Fluconazole population pharmacokinetics and dosing for prevention and treatment of invasive Candidiasis in children supported with extracorporeal membrane oxygenation. Antimicrobial agents and chemotherapy 59(7): 3935-43, Jul 2015.
31. Wade Kelly C, Pistilli Maxwell, Baumritter Agnieszka, Karp Karen, Gong Alice, Kemper Alex R, Ying Gui-Shuang, Quinn Graham: Safety of Retinopathy of Prematurity Examination and Imaging in Premature Infants. The Journal of pediatrics 167(5): 994-1000.e2, Nov 2015.
32. Kemper Alex R, Prosser Lisa A, Wade Kelly C, Repka Michael X, Ying Gui-Shuang, Baumritter Agnieszka, Quinn Graham E: A Comparison of Strategies for Retinopathy of Prematurity Detection. Pediatrics 137(1): 1-10, Jan 2016.
33. Frommelt Peter, Juern Anna, Siegel Dawn, Holland Kristen, Seefeldt Marcia, Yu JiaDe, Uhing Michael, Wade Kelly, Drolet Beth: Adverse Events in Young and Preterm Infants Receiving Topical Timolol for Infantile Hemangioma. Pediatric dermatology 33(4): 405-14, Jul 2016.
34. Quinn Graham E, Barr Charles, Bremer Don, Fellows Rae, Gong Alice, Hoffman Robert, Repka Michael X, Shepard Jennifer, Siatkowski R Michael, Wade Kelly, Ying Gui-Shuang: Changes in Course of Retinopathy of Prematurity from 1986 to 2013: Comparison of Three Studies in the United States. Ophthalmology 123(7): 1595-600, Jul 2016.
35. Momper Jeremiah D, Capparelli Edmund V, Wade Kelly C, Kantak Anand, Dhanireddy Ramasubbareddy, Cummings James J, Nedrelov Jonathan H, Hudak Mark L, Mundakel Gratias T, Natarajan Girija, Gao Jamie, Laughon Matt, Smith P Brian,

Benjamin Daniel K: Population Pharmacokinetics of Fluconazole in Premature Infants with Birth Weights Less than 750 Grams. Antimicrobial agents and chemotherapy 60(9): 5539-45, Sep 2016.

36. Quinn Graham E, Ying Gui-Shuang, Repka Michael X, Siatkowski R Michael, Hoffman Robert, Mills Monte D, Morrison David, Daniel Ebenezer, Baumritter Agnieszka, Hildebrand P Lloyd, Schron Eleanor B, Ells Anna L, Wade Kelly, Kemper Alex R: Timely implementation of a retinopathy of prematurity telemedicine system. Journal of AAPOS : the official publication of the American Association for Pediatric Ophthalmology and Strabismus 20(5): 425-430.e1, Oct 2016.

37. Hwang Michael F, Beechinor Ryan J, Wade Kelly C, Benjamin Daniel K, Smith P Brian, Hornik Christoph P, Capparelli Edmund V, Duara Shahnaz, Kennedy Kathleen A, Cohen-Wolkowicz Michael, Gonzalez Daniel: External Evaluation of Two Fluconazole Infant Population Pharmacokinetic Models. Antimicrobial agents and chemotherapy 61(12): e01352-17, Dec 2017.

38. Wade Kelly C, Ying Gui-Shuang, Baumritter Agnieszka, Gong Alice, Kemper Alex R, Quinn Graham E: Factors in Premature Infants Associated with Low Risk of Developing Retinopathy of Prematurity. JAMA ophthalmology 137(2): 160-166, Nov 2018.

39. Gerhart Jacqueline G, Watt Kevin M, Edginton Andrea, Wade Kelly C, Salerno Sara N, Benjamin Daniel K, Smith P Brian, Hornik Christoph P, Cohen-Wolkowicz Michael, Duara Shahnaz, Ross Ashley, Shattuck Karen, Stewart Dan L, Neu Natalie, Gonzalez Daniel: Physiologically-Based Pharmacokinetic Modeling of Fluconazole Using Plasma and Cerebrospinal Fluid Samples From Preterm and Term Infants. CPT: pharmacometrics & systems pharmacology 8(7): 500-510, Jul 2019.

40. Puia-Dumitrescu Mihai, Smith P Brian, Zhao Jian, Soriano Angela, Payne Elizabeth H, Harper Barrie, Bendel-Stenzel Ellen, Moya Fernando, Chhabra Rakesh, Ku Lawrence, Laughon Matthew, Wade Kelly C: Dosing and Safety of Off-label Use of Caffeine Citrate in Premature Infants. The J of Pediatrics 211(1): 27-32, Aug 2019.

41. Salaets Thomas, Turner Mark A, Short Mary, Ward Robert M, Hokuto Isamu, Ariagno Ronald L, Klein Agnes, Beauman Sandra, Wade Kelly, Thomson Merran, Roberts Eve, Harrison Judy, Quinn Theresa, Baer Gerri, Davis Jonathan, Allegaert Karel: Development of a neonatal adverse event severity scale through a Delphi consensus approach. Archives of disease in childhood 104(12): 1167-1173, Dec 2019.

42. Mukhopadhyay Sagori, Wade Kelly C, Dhudasia Miren B, Skerritt Lauren, Chou Joseph H, Dukhovny Dmitry, Puopolo Karen M: Clinical impact of neonatal hypoglycemia screening in the well-baby care. Journal of perinatology : official journal of the California Perinatal Association 40: 1331-1338, Mar 2020.

43. Stark A, Childers J, England M, Clark RH, Laughon M, Cohen-Wolkowicz M,

Benjamin DK Jr, Smith PB, Wade K, Greenberg RG.: Dosing of Antimicrobials in the Neonatal Intensive Care Unit: Does Clinical Practice Reflect Pharmacokinetics-based Recommendations? Pediatr Infect Dis J 39: 713-717, Aug 2020.

44. Le J, Greenberg RG, Benjamin DK, Yoo Y, Zimmerman KO, Cohen-Wolkowicz M, Wade KC; Administrative Core Committee of the Best Pharmaceuticals for Children Act, Pediatric Trials Network.: Prolonged Post-Discontinuation Antibiotic Exposure in Very Low Birth Weight Neonates at Risk for Early-Onset Sepsis. J Pediatric Infect Dis Soc Pediatric Infect Dis Soc, January 2021.

45. Abdel-Rahman SM, Paul IM, Hornik C, Sullivan JE, Wade KC, Delmore P, Guarav S, Zimmerman K.: Racial and ethnic diversity in studies funded under the Best Pharmaceuticals for Children Act. Pediatrics (in press) 2021.

Research Publications, peer-reviewed reviews:

1. Laughon M.M., Benjamin D.K., Capparelli E.V., Kearns G.L., Berezny K., Paul I.M., Wade K., Barrett J., Smith P.B., Cohen-Wolkowicz M.: Innovative clinical trial design for pediatric therapeutics. Expert Review of Clinical Pharmacology 4(5): 643-52, Sep 2011.

2. England Amanda, Wade Kelly, Smith P Brian, Berezny Katherine, Laughon Matthew: Optimizing operational efficiencies in early phase trials: The Pediatric Trials Network experience. Contemporary clinical trials 47(1): 376-82, Mar 2016.

Contributions to peer-reviewed research publications, participation cited but not by authorship:

1. Cohen-Wolkowicz Michael, Sampson Mario, Bloom Barry T, Arrieta Antonio, Wynn James L, Martz Karen, Harper Barrie, Kearns Gregory L, Capparelli Edmund V, Siegel David, Benjamin Daniel K, Smith P Brian: Determining population and developmental pharmacokinetics of metronidazole using plasma and dried blood spot samples from premature infants. The Pediatric infectious disease journal 32(9): 956-61, Sep 2013 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

2. Abdel-Rahman Susan M, Paul Ian M, James Laura P, Lewandowski Andrew: Evaluation of the Mercy TAPE: performance against the standard for pediatric weight estimation. Annals of emergency medicine 62(4): 332-339.e6, Oct 2013 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

3. Trembath Andrea, Hornik Christoph P, Clark Reese, Smith P Brian, Daniels Julie, Laughon Matthew: Comparative effectiveness of surfactant preparations in premature infants. The Journal of pediatrics 163(4): 955-60.e1, Oct 2013 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

4. Sampson Mario R, Bloom Barry T, Lenfestey Robert W, Harper Barrie, Kashuba Angela D, Anand Ravinder, Benjamin Daniel K, Capparelli Edmund, Cohen-Wolkowicz

Michael, Smith P Brian: Population pharmacokinetics of intravenous acyclovir in preterm and term infants. The Pediatric infectious disease journal 33(1): 42-9, Jan 2014 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review and pre-submission publication review and editing.

5. Graham E Quinn and e-ROP Cooperative Group: Telemedicine approaches to evaluating acute-phase retinopathy of prematurity: study design. Ophthalmic epidemiology 21(4): 256-67, Aug 2014 Notes: Member of eROP Clinical Trial Steering Committee for clinical trial, secondary analyses review, and pre-submission publication review.

6. Gonzalez Daniel, Melloni Chiara, Poindexter Brenda B, Yogev Ram, Atz Andrew M, Sullivan Janice E, Mendley Susan R, Delmore Paula, Delinsky Amy, Zimmerman Kanecia, Lewandowski Andrew, Harper Barrie, Lewis Kenneth C, Benjamin Daniel K, Cohen-Wolkowicz Michael: Simultaneous determination of trimethoprim and sulfamethoxazole in dried plasma and urine spots. Bioanalysis 7(9): 1137-49, May 2015 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication editing.

7. Daniel Ebenezer, Quinn Graham E, Hildebrand P Lloyd, Ells Anna, Hubbard G Baker, Capone Antonio, Martin E Revell, Ostroff Candace P, Smith Eli, Pistilli Maxwell, Ying Gui-Shuang: Validated System for Centralized Grading of Retinopathy of Prematurity: Telemedicine Approaches to Evaluating Acute-Phase Retinopathy of Prematurity (e-ROP) Study. JAMA ophthalmology 133(6): 675-82, Jun 2015 Notes: Member of eROP Clinical Trial Steering Committee for clinical trial, secondary analyses review, and pre-submission publication review.

8. Testoni Daniela, Hornik Christoph P, Neely Megan L, Yang Qinghong, McMahon Ann W, Clark Reese H, Smith P Brian: Safety of octreotide in hospitalized infants. Early human development 91(7): 387-92, Jul 2015 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

9. Arnold Christopher J, Ericson Jessica, Cho Nathan, Tian James, Wilson Shelby, Chu Vivian H, Hornik Christoph P, Clark Reese H, Benjamin Daniel K, Smith P Brian: Cefepime and Ceftazidime Safety in Hospitalized Infants. The Pediatric infectious disease journal 34(9): 964-8, Sep 2015 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication editing.

10. Rowe Stevie, Siegel David, Benjamin Daniel K: Gaps in Drug Dosing for Obese Children: A Systematic Review of Commonly Prescribed Emergency Care Medications. Clinical therapeutics 37(9): 1924-32, Sep 2015 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication editing.

11. Samiee-Zafarghandy S, van den Anker J N, Laughon M M, Clark R H, Smith P B,

Hornik C P: Sildenafil and retinopathy of prematurity risk in very low birth weight infants. Journal of perinatology : official journal of the California Perinatal Association 36(2): 137-40, Feb 2016 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

12. Ericson Jessica E, Kaufman David A, Kicklighter Stephen D, Bhatia Jatinder, Testoni Daniela, Gao Jamie, Smith P Brian, Prather Kristi O, Benjamin Daniel K: Fluconazole Prophylaxis for the Prevention of Candidiasis in Premature Infants: A Meta-analysis Using Patient-level Data. Clinical infectious diseases : an official publication of the Infectious Diseases Society of America 63(5): 604-10, Sep 2016 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing. Additionally, member of Steering Committee and site PI for original prospective clinical trial.

13. Ku Lawrence C, Zimmerman Kanecia, Benjamin Daniel K, Clark Reese H, Hornik Christoph P, Smith P Brian: Safety of Enalapril in Infants Admitted to the Neonatal Intensive Care Unit. Pediatric cardiology 38(1): 155-161, Jan 2017 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

14. Gonzalez Daniel, Chamberlain James M, Guptill Jeffrey T, Cohen-Wolkowicz Michael, Harper Barrie, Zhao Jian, Capparelli Edmund V: Population Pharmacokinetics and Exploratory Pharmacodynamics of Lorazepam in Pediatric Status Epilepticus. Clinical pharmacokinetics 56(8): 941-951, Aug 2017 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

15. Daniel Ebenezer, Pan Wei, Quinn Graham E, Smith Eli, Baumritter Agnieszka, Ying Gui-Shuang: Single grading vs double grading with adjudication in the telemedicine approaches to evaluating acute-phase retinopathy of prematurity (e-ROP) study. Journal of AAPOS : the official publication of the American Association for Pediatric Ophthalmology and Strabismus 22(1): 32-37, Feb 2018 Notes: Member of eROP Clinical Trial Steering Committee for clinical trial, secondary analyses review, and publication review.

16. Shakhnovich Valentina, Smith P Brian, Guptill Jeffrey T, James Laura P, Collier David N, Wu Huali, Livingston Chad E, Zhao Jian, Kearns Gregory L: Obese Children Require Lower Doses of Pantoprazole Than Nonobese Peers to Achieve Equal Systemic Drug Exposures. The Journal of pediatrics 193: 102-108.e1, Feb 2018 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

17. Shakhnovich Valentina, Brian Smith P, Guptill Jeffrey T, James Laura P, Collier David N, Wu Huali, Livingston Chad E, Zhao Jian, Kearns Gregory L, Cohen-Wolkowicz Michael: A Population-Based Pharmacokinetic Model Approach to Pantoprazole Dosing for Obese Children and Adolescents. Paediatric drugs 20(5): 483-



495, Oct 2018 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

18. Ku Lawrence C, Hornik Christoph P, Beechinor Ryan J, Chamberlain James M, Guptill Jeffrey T, Harper Barrie, Capparelli Edmund V, Martz Karen, Anand Ravinder, Cohen-Wolkowicz Michael, Gonzalez Daniel: Population Pharmacokinetics and Exploratory Exposure-Response Relationships of Diazepam in Children Treated for Status Epilepticus. CPT: pharmacometrics & systems pharmacology 7(11): 718-727, Nov 2018 Notes: Member of Pediatric Trials Network Steering Committee participating in protocol review, pre-submission publication review and editing.

19. Autmizguine Julie, Smith P Brian, Prather Kristi, Bendel Catherine, Natarajan Girija, Bidegain Margarita, Kaufman David A, Burchfield David J, Ross Ashley S, Pandit Paresh, Schell Wiley A, Gao Jamie, Benjamin Daniel K: Effect of fluconazole prophylaxis on Candida fluconazole susceptibility in premature infants. The Journal of antimicrobial chemotherapy 73(12): 3482-3487, Dec 2018 Notes: Member of Pediatric Trials Network Steering Committee, study design review and pre-submission publication review and editing. Additionally, protocol steering committee and site PI for original clinical trial patient enrollment and analysis.

20. Smith P Brian, Cotten C Michael, Hudak Mark L, Sullivan Janice E, Poindexter Brenda B, Cohen-Wolkowicz Michael, Boakye-Agyeman Felix, Lewandowski Andrew, Anand Ravinder, Benjamin Daniel K, Laughon Matthew M: Rifampin Pharmacokinetics and Safety in Preterm and Term Infants. Antimicrobial agents and chemotherapy 63(6), June 2019.

21. Drolet Beth A, Boakye-Agyeman Felix, Harper Barrie, Holland Kristen, Lewandowski Andrew, Stefanko Nicole, Melloni Chiara: Systemic timolol exposure following topical application to infantile hemangiomas. Journal of the American Academy of Dermatology 82(3): 733-736, March 2020.

#### Research Publications, non-peer reviewed:

1. Cant, K.: Genetic and biochemical characterization of Drosophila singed, a homolog of the actin bundling protein, fascin. Yale University, New Haven, CT May 1996. Notes: PhD Thesis.

#### Abstracts (Last 3 years):

1. GE Quinn, KC Wade, GS Ying, A Baumritter, A Gong, A Kemper, on behalf of the e-ROP Cooperative Group: Identifying Low Birth Weight Premature Infants at Low Risk for Developing ROP Poster Presentation of abstract. Annual meeting of the American Association of Pediatric Ophthalmology and Strabismus (AAPOS), Baltimore, MD March 2018.

2. Agnieszka Baumritter, Kelly C. Wade, Graham E. Quinn, Gui-shuang Ying, Alice Gong, Alex Kemper, on behalf of the e-ROP Cooperative Group: Identifying Low Birth Weight Premature Infants at Low Risk for Developing ROP in the (e-ROP) Study Poster

presentation of abstract. Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO). Honolulu, HI May 2018.

3. Mukhopadhyay, Sagori; Itell, Hannah L.; Hartman, Erica; Kumar, Amit; Wade, Kelly; Permar, Sallie; Puopolo, Karen M: Determining Maternal CMV IgG from Breast Milk among Women Delivering Prematurely. Poster Presentation of abstract. Annual Meeting of the Pediatric Academic Society (PAS), Toronto, Canada. May 2018.

4. Wade, KC, Bodenstab H, Mukhopadhyay S, McPherson C, Cash J: Pharmacy practice variation among level 3-4 newborn ICUs suggests room for improvement. Poster presentation of Abstract for Annual Pediatric Academic Meeting, Philadelphia PA; May 2020. Cancelled for Covid-19. Encore abstract presented virtually at Pediatric Pharmacy Advocacy Group meeting 2020 May 2020.

Editorials, Reviews, Chapters, including participation in committee reports (print or other media)

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