

UNIVERSITY OF PENNSYLVANIA - PERELMAN SCHOOL OF MEDICINE  
Curriculum Vitae

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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 in Pediatrics, Department of Pediatrics, University of Pennsylvania School of Medicine, University of Pennsylvania
2008-2014	Assistant Professor of Clinical Pediatrics, University of Pennsylvania School of Medicine
2014-present	Associate 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, Section on Newborn Pediatrics, CHOP Newborn Care, Pennsylvania Hospital

2005-2008	Adjunct Pharmacologist, Division of Clinical Pharmacology and Therapeutics
2010-2014	Associate Director of Nurseries, Academics, and Policy, Pennsylvania Hospital
2014-present	Associate Director of 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
1990-1997	Medical Scientist Training Program Fellowship
1997	Janet Glasgow Memorial Achievement Citation
1997	M.D./Ph.D. Thesis Prize Yale School of Medicine
1997	Farr Thesis Prize Yale School of Medicine
2001	Sydney Farber House Staff Award, Children's Hospital Boston
2002	Ethel Foerderer Foundation Research Grant "Genetic Contribution to BPD"
2002	Selected Participant at NICHD Aspen Conference
2003	Forest Pharmaceutical Advancing Newborn Medicine Research Grant for "Genetic Contribution to BPD"
2005	CHOP Faculty Honor Roll
2006	CHOP Faculty Honor Roll
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: Executive Committee member (2012-2018) and Membership Chair (2017-2018).  
Section of Neonatal Perinatal Medicine: NeoPrep Planning Committee member (2014-present), Women in Neonatology inaugural committee member (2018-present))
- 2006-2007 American College of Clinical Pharmacology
- 2006-2007 American Society of Microbiology
- 2006-2008 NICHD funded Pediatric Pharmacology Research Unit (MSCIDA mentored specialized clinical investigator development award, Re-engineering Task Force, Network Steering Committee, Executive Committee)
- 2010-Present NICHD Pediatric Trials Network (Executive Steering Committee (2010- present); Publication Review Committee (2013- present); Adverse Event Standards Committee (2013-2015); Timolol Protocol Development Group (2013-2015); Caffeine Protocol Development Group (2014-2018);)
- 2010-Present Society for Pediatric Research
- 2010-2016 eROP-Telemedicine for the evaluation of Retinopathy of Prematurity (NEI funded clinical trial) (Protocol Development Committee (2010) Executive Committee (2010-2016) Chair, Safety Committee (2010-2016) Editorial Committee (2013-2016))
- 2012-2016 NICHD Better Pharmaceutical for Children's Act (BPCA) (Dermatology working group for drug prioritization)
- 2013-Present Food and Drug Administration (Neonatal Subcommittee of the Pediatric Advisory Committee)
- 2015-Present International Neonatal Consortium (Invited participant in the following working groups: Clinical Pharmacology, Infectious Disease, Research Culture in NICU, Standardizing Adverse Event Reporting in Neonates, Communication with Families)
- 2016-2018 American Society for Health-System Pharmacists (Standardize for Safety Project: compounded oral liquid medications)
- 2016-present Food and Drug Administration (Member of the Pediatric Advisory Committee)

Local:

2008-Present Philadelphia Perinatal Society

Editorial Positions:

2010-Present peer-reviewer Journal of Perinatology  
 2011-Present peer-reviewer Journal Of Pediatrics  
 2013-Present peer reviewer Pediatric Infectious Disease Journal  
 2014-Present peer-reviewer for the Journal Drugs  
 2016-present Peer reviewer for Antimicrobial Agents and Chemotherapy  
 2017-Present Peer reviewer European Journal of Pediatrics  
 2017-present Peer reviewer Ophthalmology

Academic and Institutional Committees:

1997-2001 Boston Combined Residency Program Training Committee  
 1998-2001 Co-Chair Children's Hospital Memorial Service Committee  
 1999-2001 Boston Combined Residency Program Selection Committee  
 2000-2001 Children's Hospital Boston Investigational Review Board  
 2000-2001 Chair, Children's Hospital Grand Rounds Organizing Committee  
 2001-2004 Neonatology Clinical Research Group, Children's Hospital of Philadelphia  
 2002-2004 Co-Chair, Neonatology Fellows Scheduling Committee  
 2002-2003 Neonatology Consensus Committee: Ventilation of Premature Infants  
 2003-2004 Neonatology Consensus Committee: Limits of Resuscitation  
 2004-2005 Chair, Neonatology Consensus Committee: Caring and Responsible End of Life Guidelines  
 2006-2008 Therapeutic Standards Committee, Children's Hospital of Philadelphia  
 2006-2008 Neonatology Database Committee, Children's Hospital of Philadelphia  
 2006-2008 Fetal Palliative Care Consultant Group  
 2007-2012 Neonatology Fellow Selection Committee, Children's Hospital of Philadelphia  
 2009-Present Pharmacy and Therapeutics Committee, Pennsylvania Hospital  
 2009-2013 Breastfeeding Committee for NICU, Pennsylvania Hospital  
 2010-Present Neonatal Intensive Care Unit Based Clinical Leadership Group, Pennsylvania Hospital  
 2010-Present ICN Management Committee, Pennsylvania Hospital  
 2010-2018 Post-partum & Newborn Care Unit Based Clinical Leadership Group, Pennsylvania Hospital  
 2011-2016 CHOP Newborn Care Patient Safety Collaborative  
 2012-2014 Physician Leader, NICHQ Best-Fed Beginnings Team Pennsylvania Hospital  
 2014-2017 CHOP Newborn Care Network, Guidelines for glucose monitoring of newborns at risk for hypoglycemia  
 2018 CHOP Resident Education in Neonatology, working group member

2018-Present Chair, UPHS Neonatal Pharmacy and Therapeutics Subcommittee

Major Academic and Clinical Teaching Responsibilities:

2003 A Family Based Association Study to Evaluate Genetic Susceptibility to Bronchopulmonary Dysplasia, Pulmonary Division Research Conference, Children's Hospital of Philadelphia, PA

2003 Update on Molecular Biology for Neonatologists, Children's Hospital of Philadelphia Neonatal Fellows Physiology Conference, Philadelphia, PA

2005 CARE: Caring and Responsible End of Life Guidelines, Consensus Conference, Children's Hospital of Philadelphia, PA

2006 End of Life Care in the NICU, Bimonthly Resident Lecture, Children's Hospital of Philadelphia, PA

2006 "A Multicentered PPRU Study of Fluconazole in Infants", Nursing Research Conference, Children's Hospital of Philadelphia, PA

2008-2013 Faculty, Doctoring I, II, III University of Pennsylvania School of Medicine

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

2010 Lecturer, "Pharmacokinetics: Tools to Use at the Bedside", Fellowship Physiology Conference, Children's Hospital of Philadelphia

2010-Present Chair, Neonatology Academic Conference, Pennsylvania Hospital

2010 Lecturer, "Update on GBS Screening Guidelines", CHOP Newborn Care Academic Conference

2011 Lecturer, "Hot Topics from the Pediatric Academic Society Annual Meeting", CHOP Newborn Care Academic Conference

2012-Present Faculty, Neonatal Fellow Simulation Education, Communication Workshops 2-4 times per year

2012 Lecturer, "Transitions in Care- NICU to Pediatric Office", CHOP Newborn Care Academic Conference

2012 OB GYN Grand Rounds, Morbidity and Mortality Conference, "Neonatal HSV"

2012 Lecturer, "Hot Topics from the Pediatric Academic Society Annual Meeting", CHOP Newborn Care Academic Conference

2013 Faculty, CHOP Neonatal Fellow Simulation Boot Camp

2013 Lecturer, "Hot Topics from the Pediatric Academic Society Annual Meeting", CHOP Newborn Care Academic Conference

2013 Lecturer, "CHOP Network NAS Algorithm & Inter-rater Reliability Program", CHOP Newborn Care Academic Conference

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	Lecturer, CHOP Newborn Care at Chester County. "Antibiotic Dosing 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 care management in different NICUs" (3 lectures per year)
2014-Present	Course Director. CHOP Pediatric Resident, Independent Elective Unit in Neonatology at Pennsylvania Hospital(5-10 residents per year, 1 month rotation)
2015-Present	Pediatric Resident lecture during clinical rotation. "Delivery Room Care and Neonatal Resuscitation Review with simulation"(5-10 times per year)
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)", "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"(4-8 lectures per year)
2017	CHOP Neonatal Fellow Lecture in Fellow Physiology Conference series. "Clinical Toxicology - medication in Pregnancy and lactation" (90 minute lecture)
2017	"Maternal Toxoplasmosis Infection in Pregnancy". One lecture given as part of Neonatology Morbidity and Mortality Conference.
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 infants", "Early onset sepsis risk and evaluations in newborns". (5 lectures)
2017-Present	Course Director. CHOP Neonatal-Perinatal Medicine Fellow clinical rotation, Pennsylvania Hospital NICU Rotation (3-6 fellows per year, 1 month rotation)
2018-Present	Course Director. CHOP Hospitalist Medicine Fellow clinical rotation, Pennsylvania Hospital Newborn Nursery Rotation (2 fellows per year, 1 month rotation)
2018-Present	MD307, preceptor neonatal physical exam (4-6 medical students for 8-12 hours per year)

Lectures by Invitation (Last 5 years):

Jan, 2014	"General Principles of Pharmacology", Academy of Pediatrics NeoPrep Conference, San Diego, CA
Feb, 2014	"Clinical Pharmacology of Vancomycin", Columbian Association of Neonatology, Annual Conference on Nutrition and Pharmacology. Bogota Columbia
Feb, 2014	"Clinical Pharmacology of Fluconazole", Columbian Association of Neonatology, Annual Conference on Nutrition and Pharmacology. Bogota Columbia
Feb, 2014	"Basic Pharmacokinetics to Improve Dosing", Columbian Association of Neonatology, Annual Conference on Nutrition and Pharmacology. Bogota Columbia
May, 2014	"Improving outcomes from neonatal infections using PK/PD principles", Neonatal Pharmacology Conference, Contemporary Forums, Boston MA
Nov, 2014	"Current dosing for serious infections", The Fetus and the Newborn Conference, Contemporary Forums, Las Vegas, NV
Nov, 2014	"Choosing the right dose using PK/PD principles", The Fetus and the Newborn Conference, Contemporary Forums, Las Vegas, NV
Mar, 2015	"Safety during ROP evaluations: A Neonatologist's Perspective". Workshop, Telemedicine for the detection of serious acute phase ROP: time for a paradigm shift? American Academy of Pediatric Ophthalmology Annual Meeting. New Orleans, LA
May, 2015	"What's New in Neonatal Pharmacology", Neonatal Pharmacology Conference, Contemporary Forums, Scottsdale, AZ
Oct, 2015	Invited Workshop Participant. International Neonatal Consortium Workshop NC in 2015: Where we are at 5 months. Washington DC.
Oct, 2015	Invited Workshop Participant. Workshop of the Clinical Pharmacology Workgroup for the International Neonatal Consortium. Washington DC.
Oct, 2015	"What's New for Antibiotics in the NICU". The Fetus and the Newborn Conference. Contemporary Forums. San Diego, CA
Oct, 2015	"New Guidelines for Antiviral and Antifungal Therapies. The Fetus and the Newborn Conference. Contemporary Forums. San Diego, CA
Jan, 2016	"Pharmacokinetics", AAP NeoPrep Conference. Atlanta, GA
Feb, 2016	"Reducing Medication Errors in the NICU". The NEO Conference. MedNax Pediatric Group. Orlando, FL
Mar, 2016	Invited Workshop Participant. 2nd Annual Neonatal Scientific Workshop at FDA, sponsored by FDA, Critical Path Institute, International Neonatal Consortium. Expert panelist for Challenges in Conducting Trials to Treat Neonatal Infections/NEC.
Apr, 2016	"Reducing Medication Errors in the NICU". Neonatal Pharmacology Conference. Contemporary Forums. Las Vegas, NV
Apr, 2016	"What's New for Antimicrobial Therapy in the NICU". Neonatal Pharmacology Meeting. Contemporary Forums. Las Vegas, NV

- May, 2016 "New Guidelines for Antiviral and Antifungal Therapies". 13th Annual CHOP Neonatal Nursing Symposium. Philadelphia, PA
- Sep, 2016 Invited Workshop Participant. Applying Regulatory Science to Neonates. 2nd Annual Scientific Workshop at EMA, Sponsored by EMA, Critical Path Institute, International Neonatal Consortium. Invited speaker and panelist for Embracing Research Culture. London, UK.
- Sep, 2016 "PK knowledge to improve drug dosing in the NICU", Contemporary Forums Fetus and Newborn Conferences, New Orleans LA
- Sep, 2016 "Fostering a Culture of Research to Improve Neonatal Outcomes". Applying Regulatory Science to Neonates. 2nd Annual Scientific Workshop at European Medicines Agency. London, UK.
- Sep, 2016 "Strategies to reduce medication errors in the NICU", Contemporary Forums Fetus and Newborn Conferences, New Orleans LA
- Jan, 2017 "Embracing a Positive Research Culture in the NICU: stories from the trenches to improve drug therapies for neonates", Thomas Jefferson University, Seminars in Human Investigation. Philadelphia, PA. Invited speaker and guest for the day to meet with T32 supported joint TJU/CHOP Clinical Pharmacology fellows, pharmacology faculty, graduate students, and clinicians in the TJU Master's Science in Human Investigation program
- Apr, 2017 "What's new in neonatal pharmacology", Neonatal Pharmacology Conference. Contemporary Forums, San Diego, CA
- May, 2017 "New considerations for evaluating risk of early onset sepsis in late-preterm and term infants", Southeastern Association of Neonatologists (AAP sponsored meeting). Marco Island, FL.
- May, 2017 "New guidelines for antiviral therapies", Southeastern Association of Neonatologists (AAP sponsored meeting). Marco Island, FL
- May, 2017 "Improving medication safety in NICU", Southeastern Association of Neonatologists (AAP sponsored meeting). Marco Island, FL
- Nov, 2017 "Respiratory viruses in the NICU? Beware of transmission", Contemporary Forums Annual Fetus and Newborn Conference, Las Vegas NV
- Nov, 2017 "Implementation of the early onset sepsis calculator: intended and unintended consequences", Contemporary Forums Annual Fetus and Newborn Conference, Las Vegas NV
- Nov, 2017 "Antibiotics and practical aspects of stewardship in the NICU", Contemporary Forums Annual Fetus and Newborn Conference, Las Vegas NV
- Jan, 2018 "Neonatal Pharmacokinetics", American Academy of Pediatrics NeoPREP 2018 Conference. Atlanta, GA.
- Apr, 2018 Invited Workshop Participant. Annual INC Neonatal Scientific Workshop. Sponsored by FDA, Critical Path Institute, and International Neonatal Consortium. April 2018. Bethesda, MD.



Apr, 2018	"Comparison of nutrition strategies among North American NICUs", Neonatal Pharmacology Conference, Contemporary Forums, Philadelphia, PA
Sep, 2018	"PK knowledge to improve drug dosing in the NICU". Contemporary Forums Annual Fetus and Newborn Conference, Las Vegas NV
Sep, 2018	"Strategies to reduce medication errors in the NICU". Contemporary Forums Annual Fetus and Newborn Conference, Las Vegas NV
Oct, 2018	Invited Workshop Participant. "Advancing Endpoint Development for Preterm Neonates with Pulmonary Morbidities". Sponsored by Duke Margolis Center for Health Policy & FDA Center for Drug Evaluation and Research. Washington DC.
Mar, 2019	"Better Strategies to Inform Patients on Clinical Research and Trial Participation". Panel Participant. Conference Forum: Patients as Partners, US 2019 meeting, Philadelphia, PA.
Apr, 2019	"Real World Applications - PTN impact on clinical practice in the Neonates", NICHD Pediatric Trials Network Symposium during Pediatric Academic Society 2019 meeting, Baltimore, MD
May, 2019	Invited Workshop Participant. Annual INC Neonatal Scientific Workshop. Sponsored by FDA, Critical Path Institute, and International Neonatal Consortium. May 2019. Bethesda, MD.

Organizing Roles in Scientific Meetings:

Jun, 2011	Co-Chair, 11th Annual Neonatal Pharmacology Conference, Contemporary Forums San Francisco, CA
May, 2012	Co-Chair Topic Symposium "Antimicrobials and Antivirals in the NICU: Getting the Dose RIGHT, Every Time", Pediatric Academic Society Meeting Boston, MA
Jun, 2012	Co-Chair 12th Annual Neonatal Pharmacology Conference, Contemporary Forums Washington DC
Jun, 2013	Chair 13th Annual Neonatal Pharmacology Conference, Contemporary Forums San Diego, California
Jan, 2014	Planning Committee Member, NEOPREP conference, American Academy of Pediatrics Elk Grove Village, IL
May, 2014	Chair 14th Annual Neonatal Pharmacology Conference, Contemporary Forums Boston, MA
May, 2015	Chair 15th Annual Neonatal Pharmacology Conference, Contemporary Forums Scottsdale, AZ

Jan, 2016	Co-Chair, NEOPREP Conference, American Academy of Pediatrics Atlanta, GA
Apr, 2016	Chair, 16th Annual Neonatal Pharmacology Conference, Contemporary Forums Las Vegas, NV
Apr, 2017	Chair, 17th Annual Neonatal Pharmacology Conference, Contemporary Forums San Diego, CA
Jan, 2018	Chair, NeoPREP, Comprehensive review of Neonatal Perinatal Medicine, American Academy of Pediatrics Atlanta, GA
Apr, 2018	Chair, 18th Annual Neonatal Pharmacology Conference, Contemporary Forums Philadelphia, PA
Feb, 2020	Chair, NeoPREP, Comprehensive review of Neonatal Perinatal Medicine, American Academy of Pediatrics Long Beach, CA

#### Bibliography:

##### Research Publications, peer reviewed (print or other media):

1. Cant K., Knowles B., Mooseker M., Cooley L.: Drosophila singed, a fascin homolog, is required for actin bundle formation during oogenesis and bristle extension. Journal Cell Biology 125: 369, Apr 1994.
2. Robinson D., Cant K., Cooley L.: Morphogenesis of a Drosophila ring canal. Development 120: 2015, Jul 1994.
3. Cant K., Cooley L.: Single amino acid mutations in Drosophila fascin disrupt actin bundle formation in vivo. Genetics 143: 249, Jan 1996.
4. Cant K., Knowles B., Mahajan-Miklos S., Heintzelman M., Cooley L.: Drosophila fascin mutants are rescued by overexpression of villin like protein, quail. Journal Cell Science 111: 213-221, Jan 1998.
5. Alexander, S.W. Wade, K.C. Hibberd, P.L. Parsons, S.K.: Evaluation of risk prediction criteria for episodes of febrile neutropenia in children with cancer. Journal of Pediatric Hematology/Oncology 24(1): 38-42, Jan 2002.
6. Gonzales, L.W. Guttentag, S.H. Wade, K.C. Postle, A.D. Ballard, P.L.: Differentiation of human pulmonary type II cells in vitro by glucocorticoid plus cAMP. American Journal of Physiology - Lung Cellular & Molecular Physiology 283(5): L940-51, Nov 2002.

7. Daugherty, B.L. Mateescu, M. Patel, A.S. Wade, K. Kimura, S. Gonzales, L.W. Guttentag, S. Ballard, P.L. Koval, M.: Developmental regulation of claudin localization by fetal alveolar epithelial cells. American Journal of Physiology - Lung Cellular & Molecular Physiology 287(6): L1266-73, Dec 2004.
8. Wade, K.C. Guttentag, S.H. Gonzales, L.W. Maschhoff, K.L. Gonzales, J. Kolla, V. Singhal, S. Ballard, P.L.: Gene induction during differentiation of human pulmonary type II cells in vitro. American Journal of Respiratory Cell & Molecular Biology 34(6): 727-37, Jun 2006.
9. Cohen-Wolkowicz, M. Benjamin, D.K. Jr. Fowler, V.G. Jr. Wade, K.C. Alexander, B.D. Worley, G. Goldstein, R.F. Smith, P.B.: Mortality and neurodevelopmental outcome after Staphylococcus aureus bacteremia in infants. Pediatric Infectious Disease Journal 26(12): 1159-61, Dec 2007.
10. Lorch, S.A. Wade, K.C. Bakewell-Sachs, S. Medoff-Cooper, B. Escobar, G.J. Silber, J.H.: Racial differences in the use of respiratory medications in premature infants after discharge from the neonatal intensive care unit. Journal of Pediatrics 151(6): 604-10, 610.e1, Dec 2007.
11. Cohen-Wolkowicz, M. Smith, P.B. Benjamin, D.K. Jr. Fowler, V.G. Jr. Wade, K.C.: Daptomycin use in infants: report of two cases with peak and trough drug concentrations. Journal of Perinatology 28(3): 233-4, Mar 2008.
12. Wade, K.C. Lorch, S.A. Bakewell-Sachs, S. Medoff-Cooper, B. Silber, J.H. Escobar, G.J.: Pediatric care for preterm infants after NICU discharge: high number of office visits and prescription medications. Journal of Perinatology 28(10): 696-701, Oct 2008.
13. Wade, K.C. Wu, D. Kaufman, D.A. Ward, R.M. Benjamin, D.K. Jr. Sullivan, J.E. Ramey, N. Jayaraman, B. Hoppu, K. Adamson, P.C. Gastonguay, M.R. Barrett, J.S. National Institute of Child Health and Development Pediatric Pharmacology Research Unit Network.: Population pharmacokinetics of fluconazole in young infants. Antimicrobial Agents & Chemotherapy 52(11): 4043-9, Nov 2008.
14. Bruno, C.J. Smith, L.P. Zur, K.B. Wade, K.C.: Congenital subglottic cyst in a term neonate. Archives of Disease in Childhood Fetal & Neonatal Edition 94(4): F240, Jul 2009.
15. Wade, K.C. Benjamin, D.K. Jr. Kaufman, D.A. Ward, R.M. Smith, P.B. Jayaraman, B. Adamson, P.C. Gastonguay, M.R. Barrett, J.S.: Fluconazole dosing for the prevention or treatment of invasive candidiasis in young infants. Pediatric Infectious Disease Journal 28(8): 717-23, Aug 2009.

16. Wu, D. Wade, K.C. Paul, D.J. Barrett, J.S.: A rapid and sensitive LC-MS/MS method for determination of fluconazole in human plasma and its application in infants with Candida infections. Therapeutic Drug Monitoring 31(6): 703-9, Dec 2009.
17. Kimberlin, D.W., Shalabi, M., Abzug, J., Lang, D., Jacobs, R.F., Storch G., Bradley, J.S., Wade, K.C., Ramilo, O., Romero, J.R., Shelton, M., Leach, C., Guzman-Cottrill, J., Robinson, J., Abughali, N., Englund, J., Griffin, J., Jester, P., Cloud, G.A., Whitley, R.J., NIAID Collaborative Antiviral Study Group.: Safety of oseltamivir compared with the adamantanes in children less than 12 months of age. Pediatric Infectious Disease Journal 29(3): 195, Mar 2010.
18. Lorch S.A., Wade K.C., Bakewell-Sachs S., Medoff-Cooper B., Silber J.H., Escobar G.J.: Antibiotic use in premature infants after discharge from the neonatal intensive care unit. Clinical Pediatrics 49(3): 249, Apr 2010.
19. Wade K.C., Ellenberg J.H., Grosser T., Brensinger C.M., Kimmel S.E., Hennessy S.: Exogenous estrogen does not attenuate the association between rofecoxib and myocardial infarction in perimenopausal women. Journal Cardiovascular Pharmacology 57(2): 194, Feb 2011.
20. Piper L., Smith P.B., Hornik C.P., Cheifetz I.M., Barrett J.S., Moorthy G., Hope W.W., Wade K.C., Cohen-Wolkowicz M., Benjamin D.K.: Fluconazole loading dose pharmacokinetics and safety in infants. Pediatric Infectious Disease Journal 30(5): 375, May 2011.
21. 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, Oct 2011.
22. Mossabeh 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, July 2012.
23. 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.

24. 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.
25. 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.
26. Benjamin Daniel K, Hudak Mark L, Duara Shahnaz, Randolph David A, Bidegain Margarita, Mundakel Gratias 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.
27. Monk Heather M, Motsney Adam J, Wade Kelly C: Safety of Rotavirus Vaccine in the NICU. Pediatrics 133(6): e1555-60, May 2014.
28. e-ROP Cooperative Group: Telemedicine approaches to evaluating acute-phase retinopathy of prematurity: study design. Ophthalmic epidemiology 21(4): 256-67, Aug 2014.
29. 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.
30. 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.

31. Ying Gui-Shuang, Quinn Graham E, Wade Kelly C, Repka Michael X, Baumritter Agnieshka, 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.
32. 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.
33. Wade Kelly C, Pistilli Maxwell, Baumritter Agnieshka, 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.
34. Kemper Alex R, Prosser Lisa A, Wade Kelly C, Repka Michael X, Ying Gui-Shuang, Baumritter Agnieshka, Quinn Graham E: A Comparison of Strategies for Retinopathy of Prematurity Detection. Pediatrics 137(1): 1-10, Jan 2016.
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2. 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.
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