

CURRICULUM VITAE

Michael R. Uhing MD

**Professor
Department of Pediatrics
Division of Neonatology**

OFFICE ADDRESS:

Children's Corporate Center
999 N 92 St
Milwaukee, WI 53226

EDUCATION:

08/1979 - 05/1982 No Degree, Creighton University, Omaha, NE
08/1982 - 05/1986 M.D., University of Iowa, Iowa City, IA

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/1986 - 06/1989 Resident, Pediatrics, University of Illinois Hospital, Chicago, IL
07/1989 - 06/1992 Fellowship, Neonatal-Perinatal Medicine, University of Illinois Hospital, Chicago, IL

FACULTY APPOINTMENTS:

07/1992 - 06/1994 Instructor, Pediatrics, Neonatology, Rush Medical College, Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL
07/1994 - 04/2002 Assistant Professor, Pediatrics, Neonatology, Rush Medical College, Rush-Presbyterian-St. Luke's Medical Center, Chicago, IL
05/2002 - 06/2010 Associate Professor, Pediatrics, Neonatology, Medical College of Wisconsin, Milwaukee, WI
07/2010 - Present Professor, Pediatrics, Neonatology, Medical College of Wisconsin, Milwaukee, WI
07/2013 - 05/2015 Graduate Faculty Member/Qualified Primary Master's Thesis Mentor, Clinical and Translational Science program, Graduate School of Biomedical Sciences, Medical College of Wisconsin, Milwaukee, WI

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

06/2002 - Present Medical Liaison, Neonatal Nurse Practitioner Program, Children's Hospital of Wisconsin, Milwaukee, WI
10/2002 - Present Medical Director, Neonatal Intensive Care Unit, Children's Hospital of Wisconsin, Milwaukee, WI
02/2009 - 03/2013 Section Chief, Neonatology, Children's Hospital of Wisconsin, Milwaukee, WI
05/2011 - 06/2015 Board Member, Children's Specialty Group, Milwaukee, WI
06/2011 - Present Clinical Vice President of Inpatient Services and Emergency Department, joint position with Children's Specialty Group and Children's Hospital of Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

07/1992 - 04/2002 Rush-Presbyterian-St. Luke's Medical Center, 1653 W Congress Pkwy, Chicago, IL 60612
05/2002 - Present Froedtert Memorial Lutheran Hospital, 9200 W. Wisconsin Avenue, Milwaukee, WI 53210
05/2002 - 09/2015 Oconomowoc Memorial Hospital, 719 Summit Avenue, Oconomowoc, WI 53066
05/2002 - 09/2015 Waukesha Memorial Hospital, 725 American Avenue, Waukesha, WI 53188
05/2002 - Present Children's Hospital of Wisconsin, 9000 W. Wisconsin Avenue, Milwaukee, WI 53201
05/2005 - Present Community Memorial Hospital, W180 N8085 Town Hall Road, Menomonee Falls, WI 53052
03/2010 - 02/2015 Aurora Medical Center, Summit, 36500 Aurora Drive, Oconomowoc, WI 53066

11/2010 - 02/2015 Aurora Medical Center, Grafton, 975 Port Washington Road, Grafton, WI 53024
 06/2012 - Present St. Joseph's Community Hospital of West Bend, 3200 Pleasant Valley Road, West Bend, WI 53095
 05/2014 - Present Children's Hospital of Wisconsin – Fox Valley, 130 - 2nd Street, Neenah, WI 54956
 10/2016 - Present St. Elizabeth Hospital, Appleton, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Pediatrics	1989	2007
Neonatal-Perinatal Medicine	1993	12/2027

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Neonatal Resuscitation Program Instructor	AAP/AHA	12/15/2018	01/31/2020

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License	44228-020	10/31/2009	10/31/2021
Illinois License	036-078252		07/31/2008

AWARDS AND HONORS:

06/1991 Eleanor B. Pillsbury Scholar Award , Fellowship providing one year of research support given in recognition of outstanding performance
 09/20/1996 James Sutherland Young Investigator Award, Midwest Society for Pediatric Research
 06/1997 Pediatric Attending of the Year 1996-1997, Rush Children's Hospital award given by housestaff to recognize outstanding teaching, Rush Children's Hospital
 06/2003 Clinical Physician - Program Development Award, Department of Pediatrics, Medical College of Wisconsin
 2005 - 2018 List as one of best doctors in America, Best Doctors, Inc.
 2005 Selected as one of America's top pediatricians, Consumer's Research Council of America
 2005 Who's Who in Medical Sciences Education
 2010 Outstanding Teacher of Full-Time Pediatric Faculty. Award given by housestaff to recognize outstanding teaching, Medical College of Wisconsin
 2012 Top 5 Teacher of Residents. Recognition by Department of Pediatrics based on clinical teaching evaluations, Medical College of Wisconsin
 2014 John A. and Linda Mellowes Family Chair in Intensive Care
 2015 MCW Outstanding Medical Student Teacher 2014-15. Recognition for teaching in the Neonatal Intensive Care Unit Sub-Internship, Medical College of Wisconsin
 2016 Top 5 Teacher of Residents. Recognition by Department of Pediatrics based on clinical teaching evaluations
 2016 MCW Outstanding Medical Student Teacher 2015-16. Recognition for teaching in the Neonatal Intensive Care Unit Sub-Internship., Medical College of Wisconsin
 2016 Expert Clinician. Designation by Department of Pediatrics to <10% of faculty based on peer review and clinical scholarship.
 2016 Expert Teacher. Designation by Department of Pediatrics to <10% of faculty based on recognition by colleagues, referring providers, staff and learners.
 2019 Top 5 Teacher of Residents. Recognition by Department of Pediatrics based on clinical teaching evaluations, Medical College of Wisconsin

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

1999 - Present Society for Pediatric Research
 2002 - Present Wisconsin Association for Perinatal Care (WAPC)
 2002 - 2010 Member, Tertiary Care Subcommittee
 2005 - 2010 American Academy of Pediatrics

2009 - 2011 Steering Committee, Wisconsin Vermont-Oxford Network Group
2011 - Present Children's Hospitals Neonatal Consortium

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship

03/2009 Guest editor, Clinics in Perinatology (March 2009 issue)

Journal Review

1996 - 1998 Journal of Pharmaceutical Science

1999 - 2002 Critical Care Medicine

Ad-Hoc Reviewer

Pediatrics

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2002 - 2007 Board Member, Wisconsin Association for Perinatal Care (WAPC)

2009 - 2011 Advisory Board Member, Institute for Pediatric Innovation, Cambridge, MA

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Prior

Non-Peer Review

Title: Contribution of Paracellular Transport and Solvent Drag to Absorption of Nutrients by the Small Intestine
Source: University Committee on Research, Rush Medical College
Role: Principal Investigator
Dates: 07/15/1994 - 07/15/1995
Direct Funds: \$10,000

Title: : Randomized Pilot Trial to Assess Safety of the Antiseptic Chlorhexidine Gluconate in Neonatal Patients with Central Venous Catheters
Source: Medi-Flex (subcontract with Covenant Healthcare System)
Role: Principal Investigator
Dates: 01/2006 - 01/2007
Direct Funds: \$27,000

Title: Parent/Nurse Controlled Analgesia for Post-Operative Pain Management in neonates: A Preliminary Randomized Controlled Trial
Source: AHW-Research and Education Program
Role: Co-Investigator
Dates: 04/01/2013 - 03/31/2015
Direct Funds: \$50,000

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Michael R. Uhing, Keeping Cool on the Road: Transporting the Infant with Hypoxic Ischemic Encephalopathy, Wisconsin Association of Perinatal Care Annual Meeting, Stevens Point, WI, 04/12/2001

Michael R. Uhing, Prevention of Chronic Lung Disease in Newborns, Wisconsin Association of Perinatal Care, Green Bay, WI, 04/26/2004

Michael R. Uhing, Prevention of Chronic Lung Disease in Newborns, Southeast Wisconsin Respiratory Care

Conference, Children's Hospital of Wisconsin, 11/29/2005
Michael R. Uhing, Prevention of Chronic Lung Disease: the Role of the Respiratory Care Practitioner, Southeast Wisconsin Respiratory Care Conference, Children's Hospital of Wisconsin, 11/13/2007
Michael R. Uhing, Neonatal Transport Emergencies, Transport Team Conference, Children's Hospital of Wisconsin, Milwaukee, WI, 12/15/2008
Michael R. Uhing, Hypoxic Ischemic Encephalopathy: It's Now Cool to be Cool, Wisconsin Association of Perinatal Care Annual Meeting, Waukesha, WI, 04/27/2009
Michael R. Uhing, Near-Infrared Spectroscopy in the Clinical Setting, Children's Hospital of Wisconsin – Fox Valley, Neenah, WI, 05/29/2012
Michael R. Uhing, Non-invasive Ventilation of the Neonate, Southeast Wisconsin Respiratory Care Conference, Children's Hospital of Wisconsin, Milwaukee, WI, 04/16/2013
Michael R. Uhing, Neonatal Abstinence Syndrome, American Society for Pain Management Nursing-Wisconsin Chapter, Waukesha, WI, 11/08/2013

National

Michael R. Uhing, Extreme Prematurity: Interventions for Best Outcomes, The 7th Annual: Emerging Technologies and Innovative Approaches for Managing Patients with Complex Medical Conditions, United Resources Network, Miami Beach, FL, 03/03/2006
Michael R. Uhing, Use of Parent/Nurse Analgesia for Neonatal Postoperative Pain Management, Children's Hospitals Neonatal Consortium Perioperative Care Symposium, Philadelphia, PA, 10/01/2012
Michael R. Uhing, Neonatal Osteopenia: Causes and Management, NEO Conference, Orlando, FL, 02/26/2016
Michael R. Uhing, Parent/Nurse Controlled Analgesia: Prospective Trial and a QI Implementation Story, Children's Hospitals Neonatal Consortium Annual Meeting, Columbus, OH, 10/05/2017

COMMITTEE SERVICE:

Medical College of Wisconsin

2006 - 2009 Vice-Chair, Residency Evaluation Committee, Department of Pediatrics
2007 - Present Member, Fetal Intervention Research Advisory Committee
2008 - 2011 Member, MCW IRB #6
2011 Co-Chair, Inpatient Workforce Planning, Department of Pediatrics
2012 Member, Clinical Advisory Committee, Department of Pediatrics
2012 Member, Finance Committee, Department of Pediatrics
2014 - 2015 Member, Critical Care Division Head Search Committee
2014 Facilitator, Collaborative Care Transition Workgroup
2015 - 2016 Member, Critical Care Section Chief Selection Committee
2016 Member, Infectious Disease Section Chief Selection Committee

Hospital

2002 - Present Member, Transport Multidisciplinary Committee, Children's Hospital of Wisconsin
2002 - Present Ad hoc Member, Advisory Committee for Advanced Practice Nursing, Children's Hospital of Wisconsin
2002 - Present Member, NICU Clinical Practice Committee, Children's Hospital of Wisconsin
2002 - 2014 Member, Critical Care Committee, Children's Hospital of Wisconsin
2003 - 2004 Member, Bed Capacity Planning Committee
2003 - 2010 Member, Infant Care Committee, Children's Hospital of Wisconsin
2003 - 2007 Member, Codes and Resuscitation Committee, Children's Hospital of Wisconsin
2003 - 2008 Member, Marketing Committee, Children's Specialty Group
2007 - 2015 Alternate Neonatal Member, Human Research Review Board, Children's Hospital of Wisconsin
2008 - 2010 Member, Inpatient Executive Committee, Children's Hospital of Wisconsin
2008 - 2010 Member, Anticoagulation Committee, Children's Hospital of Wisconsin
2008 - Present Member, Maternal/Neonatal Operations Committee, Children's Hospital of Wisconsin
2009 - 2015 Member, CHW Medical Executive Committee, Children's Hospital of Wisconsin
2009 - 2012 Member, Cardiac Focused Research Committee, Children's Hospital of Wisconsin
2009 - 2010 Co-Chair, Southeast Wisconsin Strategy Work Group, Children's Hospital of Wisconsin

2009 - 2013 Member, Joint Patient Care Committee, Children's Hospital of Wisconsin
 2009 - Present Member, Emergent Events Committee, Children's Hospital of Wisconsin
 2011 - Present Co-Chair, Inpatient EDTC Executive Committee, Children's Hospital of Wisconsin
 2011 - 2013 Physician Sponsor CHW, Slug the Bug Quality Improvement Initiative, CHNC and CHA, Children's Hospital of Wisconsin
 2011 - Present Co-Chair, Clinical Navigation Team, Children's Hospital of Wisconsin
 2011 - Present Physician Sponsor CHW, Children's Hospitals Neonatal Data Database, CHA, Children's Hospital of Wisconsin
 2011 - 2013 Member, Council for Quality, Children's Hospital of Wisconsin
 2011 - 2015 Member, Children's Specialty Group Board, Children's Specialty Group
 2011 - 2013 Co-Chair, Inpatient Staffing Workforce, Children's Hospital of Wisconsin
 2013 - Present Leader, Ventilator Associated Pneumonia HAC, SPS, Children's Hospital of Wisconsin
 2013 - 2015 Co-Chair, Inpatient Placement Taskforce, Children's Hospital of Wisconsin
 2014 - Present Member, Surgical Services Peer Review Committee, Children's Hospital of Wisconsin
 2014 Member, Performance Management Clinical Care Optimization Team, Children's Hospital of Wisconsin
 2014 Member, Performance Management Executive Steering Committee, Children's Hospital of Wisconsin
 2015 - Present Member, Quality Board, Children's Hospital of Wisconsin
 2015 - Present Executive Sponsor, Sepsis Care Process Enterprise Improvement Initiative, Children's Hospital of Wisconsin
 2015 - 2016 Co-Lead, Transfer Process Improvement Workgroup, Children's Hospital of Wisconsin
 2016 - 2018 Executive Sponsor and Co-Lead, Home Enteral Tube Feeding Program Planning Team, Children's Hospital of Wisconsin
 2016 - Present Member, Hospital M&M Committee, Children's Hospital of Wisconsin
 2017 - Present Member, Unplanned Extubation Executive Committee HAC, SPS, Children's Hospital of Wisconsin
 2017 - Present Co-Chair, NICU Unplanned Extubation Committee, Children's Hospital of Wisconsin
 2017 - Present Member, P4P Variation Reduction Balanced Scorecard Committee, Children's Hospital of Wisconsin
 2018 - Present Member, Fetal Concerns Research Committee, Children's Hospital of Wisconsin
 2018 - Present Co-Lead, EDTC Redesign Steering Committee, Children's Hospital of Wisconsin
 2018 - Present Member, Enteral Feeding Advisory Committee, Children's Hospital of Wisconsin
 2018 - Present Chair, NICU Interdisciplinary QI Committee, Children's Hospital of Wisconsin
 2018 - Present OB/GYN Quality Assurance Committee, Froedtert Hospital
 2020 - Present Member, Hospitalized Patient & EDTC Patient Flow and Placement Small Group
 2020 - 2021 Member, COVID Clinical Guidelines and Decision, Support Workgroup
 2021 - Present Member, Infection Prevention and Control Committee
 2021 - Present Member, Cardiac Nutrition Improvement Team, Herma Heart Institute

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

08/2003 - 10/2003 Participant in 3 Biochemistry-Based Discussion Groups
 06/2004 - Present M2 Summer Externship Program in the NICU

Resident and Fellow Education

05/2002 - Present Clinical teaching attending during pediatric resident clinical rotation in the CHW NICU and family medicine rotation in the Waukesha Memorial NICU
 05/2002 - Present Clinical teaching attending during clinical rotation in the CHW NICU
 07/2002 - 06/2009 Coordinator of Neonatal Fellow of Weekly Academic Conference
 09/06/2002 Evidence-Based Medicine
 09/13/2002 Endotoxin-Induced Hepatic Dysfunction
 10/2002 - Present Liaison for Pediatric Surgery and Anesthesia fellows participating in clinical rotations in the NICU
 11/01/2002 Case Conference: Ascites and Jejunal Atresia
 11/08/2002 Neonatal Management at the Limits of Viability, Department of Obstetrics and Gynecology

01/10/2003 Complications of Prematurity, Department of Obstetrics and Gynecology
02/14/2003 Candida Treatment in Premature Infants, Journal Club
03/14/2003 Prostacyclin Therapy in the Newborn, Journal Club
05/16/2003 Maternal and Neonatal Effect of Tocolytics, Department of Obstetrics and Gynecology
10/17/2003 Vein of Glen Malformation
12/19/2003 HOT Topics Review
02/13/2004 Management of Birth Injury, Department of Obstetrics and Gynecology
04/02/2004 M&M: Line Complications
07/07/2004 NICU Outcomes: 2003
07/25/2004 The Albumin Controversy
07/25/2004 The Albumin Controversy
09/07/2004 JCAHO: the Things You Need to Know
11/12/2004 Complications of Prematurity and Intrauterine Growth Retardation, Department of Obstetrics
and Gynecology
11/16/2004 Case Conference: Pulmonary Hypoplasia
01/25/2005 M&M: Failure of Nasal CPAP
02/01/2005 Journal Club: Probiotic Use to Prevent NEC
02/22/2005 M&M: NEC and Central Line Misplacement
08/23/2005 NICU Outcomes: 2004
09/06/2005 Management of Birth Injury
11/03/2005 Surfactant: Beyond Respiratory Distress Syndrome
12/13/2005 Randomized Pilot Trial to Assess Safety of the Antiseptic Chlorhexidine Gluconate in
Neonatal Patients with Central Venous Catheters
01/24/2006 Journal Club: H-2 Blockers and Necrotizing Enterocolitis
02/24/2006 High Frequency Oscillation
02/24/2006 High Frequency Oscillation
05/09/2006 Decreasing Central Line Infections: the Institute for Healthcare Improvement Initiative
07/25/2006 Ibuprofen for Treating Patent Ductus Arteriosus
08/01/2006 NICU Outcomes: 2005
10/03/2006 Evidenced-Based Approach to the Infant with Congenital Diaphragmatic Hernia
10/27/2006 Evidenced-Based Approach to the Infant with Congenital Diaphragmatic Hernia
10/27/2006 Evidenced-Based Approach to the Infant with Congenital Diaphragmatic Hernia
02/13/2007 Journal Club: Receiver Operating Curves
02/24/2007 Brain Injury in the Preterm Infant
02/24/2007 Brain Injury in the Preterm Infant
08/14/2007 Billing Update for Neonatology
10/23/2007 Nutrition Update
01/21/2008 Prevention of Chronic Lung Disease in Preterm Infants, Pulmonary Division
04/25/2008 Infection Control in the NICU
04/25/2008 Infection Control in the NICU
08/22/2008 Prevention of Bronchopulmonary Dysplasia
08/22/2008
10/21/2008 NICU Outcomes: 2007
08/04/2009 Quality Improvement and Research in the NICU
09/08/2009 NICU Outcomes: 2008
09/24/2009 Neonatal Seizures
11/03/2009 Update on New Clinical Guidelines in the NICU
07/22/2010 Fluid and Electrolyte Therapy
08/24/2010 NICU Outcomes: 2009
10/18/2010 Prevention of Bronchopulmonary Dysplasia, Pulmonary Division
10/19/2010 M&M: Central Venous Catheters and Effusions
12/14/2010 Hot Topics Update 2010
07/21/2011 Fluid and Electrolyte Therapy
03/13/2012 Osteopenia of Prematurity
08/24/2012 Hypoalbuminemia in the NICU
08/24/2012 Hypoalbuminemia in the NICU
09/25/2012 NICU Outcomes 2011

10/16/2012 Surf Boards: HIE and Neonatal Seizures
10/24/2012 Kitchen Table Talk on Finance
09/26/2013 Back to Basics: Hypoxic Ischemic Encephalopathy
01/28/2014 Things That Go Wrong at Delivery
08/07/2014 Back to Basics: Fluid and Electrolyte Therapy
09/23/2014 NICU Outcomes 2013
09/17/2015 Back to Basics: Neonatal Sepsis
08/04/2016 Back to Basics: TTN & MAS
09/01/2016 Back to Basics: Neonatal Sepsis
09/20/2016 NICU Outcomes: 2015
03/31/2017 RCS NICU Post-op Ventilator Weaning Protocol
03/31/2017 RCS NICU Post-op Ventilator Weaning Protocol
04/06/2017 Evidence-Based Approach to Management of CDH
08/16/2017 Discharge of the Ex-Preemie, Hospitalist Division
09/07/2017 Back to Basics: Hypoxic Ischemic Encephalopathy
09/19/2017 NICU Outcomes: 2016
01/15/2019 New Guidelines for the NICU: Reflux and RCS Ventilator Weaning Protocols
03/05/2019 Central Venous Catheters: What is Central
08/27/2019 NICU Outcomes: 2018-2019
10/24/2019 Back to Basics: Neonatal Nutrition
06/16/2020 N-PASS
09/10/2020 Back to Basics: HIE
09/22/2020 NICU Outcomes: 2019-2020

EXTRAMURAL TEACHING:

Resident and Fellow Education

2004 - Present Children's Hospital Wisconsin, Presenter of 3-4 conference/year on congenital heart disease, Neonatal Nurses
2004 - 2005 Presenter of 4 conferences on prevention of bronchopulmonary dysplasia, Respiratory Care Department, Children's Hospital of Wisconsin
09/29/2006 Children's Hospital Wisconsin, Presenter, Transport of the Critically Ill Newborn, Transport personnel
10/08/2007 Children's Hospital Wisconsin, Presenter, Neonatal Transport Emergencies, Transport personnel
12/02/2008 Medical College of Wisconsin, Journal Club

Continuing Medical Education

07/10/2003 Children's Hospital of Wisconsin, Presenter, Clinicopathologic Correlation: A Newborn with Hypotension and Anuria. Grand Rounds, Department of Pediatrics Grand Rounds
09/11/2004 Super CME by Children's Specialty Group, Lake Geneva, WI, Presenter, Management and Outcome of Birth Injuries
10/19/2004 Condell Medical Center, Presenter, Management and Outcome of Birth Injuries, Grand Rounds, Department of Pediatrics
02/25/2005 Research Conference, Department of Pediatrics, Presenter, Preventing Central Line Complications in the NICU
03/21/2006 Grand Rounds, Department of Pediatrics, Condell Medical Center, Presenter, Neonatal Jaundice and the Prevention of Kernicterus
06/07/2006 Department of Pediatrics, Community Memorial Hospital, Presenter, Management and Outcome of Birth Injuries
08/21/2006 Grand Rounds, Department of Pediatric Emergency Medicine, Presenter, Umbilical Venous Catheter Placement
09/29/2006 Board Review for Graduated MCW Pediatric Residents, Presenter, Ace the Boards
03/14/2008 Grand Rounds, Department of Pediatrics, Lake Forest Hospital, Grays Lake, IL, Presenter, The Newborn At Risk for Infection: A Persistent Dilemma
09/25/2009 Board Review for Graduated MCW Pediatric Residents, Presenter, Ace the Boards
09/25/2010 Board Review for Graduated MCW Pediatric Residents, Presenter, Ace the Boards

**EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS
MENTORED:**

Clinical/Research Fellows

- Rakesh Sharma, MD, 03/05/2008 - 07/01/2009 • Project: A Retrospective Study of the Effect of Improved Nutrition and Weight Gain on Length and Head Circumference at Discharge from the NICU in VLBW Infants
- Ruby Gupta, MD, 09/2008 - 07/2010 • Project: A retrospective study of the effect of early feeding on incidence of feeding difficulties and feeding intolerance in patients with congenital heart defect at discharge from the ICU • Abstract presented at Annual Meeting of the Society for Pediatric Research 2009, Baltimore, MD • Abstract accepted for platform presentation at Annual Meeting of the Society of Pediatric Research 2010, Vancouver, Canada
- Navin Kumar, MD, 09/2009 - 06/2010 • Case report: Kumar, N., Uhing, M.R., Powell, M.,: Absence of the Ductus Venosus: An Umbilical Catheter with an Abnormal Path. *J Perinatol* 29:646-648, 2009
- Alicia Sprecher, MD, 07/2017 - 06/2020 • Project sponsor for Excellence in Quality Improvement Principles Program. • Project: Reducing in Admission Hypothermia in the NICU • Abstract accepted for presentation. Quality Improvement Approach to Reducing Admission Hypothermia. VON Annual Quality Congress, Chicago, IL. 9/22/2018

Faculty

- Ruby Gupta, MD, 07/2013 - 12/2015 • Master's Thesis Mentor • Publication: Gupta, R., Drendel, A.L., Hoffman, R.G., Quijano, C.V., Uhing, M.R.: Migration of central venous catheters in neonates: a radiographic assessment. *Am J Perinatal*. 2016.

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Goto, M.P., Goldman, A.S., Uhing, M.R.,: PGE2 prevents anomalies induced by hyperglycemia or diabetic serum in mouse embryos. *Diabetes* 41:1644-1650, 1992.
2. Uhing, M.R., Bhat, R., Philobos, M., Raju, T.N.K.,: The value of amnioinfusion in reducing meconium aspiration syndrome. *Am J of Perinatol* 10:43-45, 1993.
3. Uhing, M.R., Goldman, A.S., Goto, M.P.,: Cyclosporin A-induced embryopathy in embryo culture is mediated through inhibition of the arachidonic acid pathway. *Proc Soc Exp Biol Med* 202:307-314, 1993.
4. Uhing, M.R., Kimura, R.E.,: The effect of surgical bowel manipulation and anesthesia on intestinal glucose absorption in rats. *J Clin Invest* 95:2790-2798, 1995.
5. Uhing, M.R., Kimura, R.E.,: Active transport of 3-O-methyl-glucose by the small intestine in chronically catheterized rats. *J Clin Invest* 95:2799-2805, 1995.
6. Sandler, R.H., Mansy, H.A., Kimura, R. E., Uhing, M.R., Arango, V.,: Computerized analysis of bowel sounds in normal and small bowel obstructed rats. *J Pediatr Gastroenterology and Nutrition* 23:369, 1996
7. Uhing, M.R., Arango, V.,: Intestinal absorption of proline and leucine in chronically catheterized rats. *Gastroenterology* 113:865-874, 1997.
8. Lloyd-Still, J.D., Uhing, M.R., Arango, V., Fusaro, A., Kimura, R.E.,: The effect of intestinal permeability on pancreatic enzyme-induced enteropathy in the rat. *J Pediatr Gastroenterol Nutr* 26:489-495, 1998.
9. Uhing, M.R.,: Effect of sodium ion coupled nutrient transport on intestinal permeability in chronically catheterized rats. *Gut* 43:22-28, 1998.
10. Kimura, R.E., Dy, S.A., Uhing, M.R., Beno, D.W., Jiyamapa, V.A., Lloyd-Still, J.D.,: The effects of high dose ibuprofen and pancreatic enzymes on the intestine of the rat. *J Pediatr Gastroenterol Nutr* 29:178-183, 1999.
11. Esguerra, L.E., Beno, D.W.A., Deriy, L., Kimura, R.E., Uhing, M.R.,: The effect of surgical stress on the endotoxin-induced interferon- γ response. *Shock* 14:561-564, 2000.
12. Goto, M., Deriy, L., Chen, Y., Beno, D.W.A., Uhing, M.R., Jiyamapa-Serna, V.A., Kimura, R.E.,: TNF α increases the sensitivity to lipopolysaccharide (LPS) in chronically catheterized rats. *Am J Physiol Heart Circ Physiol* 280:H2875-H2862, 2001.
13. Lloyd-Still, J., Beno, D.W.A., Uhing, M.R., Jiyamapa, V.A., Kimura, R.E.,: Ursodeoxycholic acid ameliorates ibuprofen-induced enteropathy in the rat. *J Pediatr Gastroenterol Nutr* 32:270-3, 2001.

14. Beno, D.W.A., Uhing, M.R., Goto, M., Chen, Y., Jiyamapa-Serna, V.A., Kimura, R.E.: Staphylococcal enterotoxin B (SEB) potentiates LPS-induced hepatic dysfunction in chronically catheterized rats. *Am J Physiol Gastrointest Liver Physiol* 280:G866-872, 2001.
15. Beno, D.W.A., Uhing, M.R., Goto, M., Chen, Y., Jiyamapa, V.A., Kimura, R.E.: Endotoxin-induced reduction in biliary indocyanine green (ICG) excretion in a chronically catheterized rat model. *Am J Physiol Gastrointest Liver Physiol* 280:G858-865, 2001.
16. Deriy, L.V., Beno, D.W., Uhing, M.R., Jiyamapa-Serna, V.A., Kimura, R.E.: Splenectomy ablates endotoxin-induced IFN γ response in rats. *Shock* 17:312-5, 2002.
17. Severin, P.N., Uhing, M.R., Beno, D.W.A., Kimura, R.E.: Endotoxin-induced hyperlactatemia results from decreased lactate clearance in hemodynamically stable rats. *Crit Care Med* 30:2509-2514, 2002.
18. Beno, D.W.A., Uhing, M.R., Jiyamapa-Serna, V.A., Goto, M., Chen, Y., Vasan, A., Deriy, L.V., Kimura, R.E.: Differential induction of hepatic dysfunction after intraportal and intravenous challenge with endotoxin (LPS) and Staphylococcal enterotoxin B (SEB). *Shock* 19:352-7, 2003.
19. Beno, D.W.A., Uhing, M.R., Goto, M., Chen, Y., Jiyamapa-Serna, V.A., Kimura, R.E.: Chronic Staphylococcal enterotoxin B (SEB) and lipopolysaccharide induce a bimodal pattern of hepatic dysfunction and injury. *Crit Care Med* 31:1154-9, 2003.
20. Uhing, M.R., Beno, D.W.A., Jiyamapa-Serna, V.A., Chen, Y., Galinsky, R.E., Hall, S.D., Kimura, R.E.: The effect of anesthesia and surgery on CYP3A activity in rats. *Drug Metab Dispos* 32:1325-30, 2004.
21. Johnson, B.A., Mussatto, K., Uhing, M.R., Zimmerman, H., Ghanayem, N., Tweddell, J.: Variability in the preoperative management of infants with hypoplastic left heart syndrome. *Pediatr Cardiol* 29:515-520, 2008.
22. Garland, J.S., Alex, C.P., Harris, M.C., Uhing, M.R., Rentz, A.: Pilot Trial to Compare Safety of chlorhexidine gluconate to povidone iodine antiseptics for central venous catheter placement in neonates. *J Perinatol* 29:808-813, 2009.
23. Mitchell, M.E., Rumman, N., Chun, R., Rao, A., Martin, T., Beste, D., Berens, R.J., Parakinikas, D., Ghanayem, N., Hubert, M.J., Uhing, M., Simpson, P., Sato, T., Tweddell, J.S., Kerschner, J.E.: Anterior tracheal suspension for tracheobronchomalacia in infants and children. *Annals of Thoracic Surgery* 98:1246-53, 2014.
24. Czarnecki, M.L., Hainsworth, K., Simpson, P., Arca, M., Uhing, M.R., Varadarajan, J., Weisman, S.J.: Is there an alternative to continuous opioid infusion for neonatal pain control? a preliminary report for parent/nurse controlled analgesia in the NICU. *Pediatr Anesthes* 24:377-85, 2014.
25. Khmour, A.Y., Konduri, G.G., Sato, T.T., Uhing, M.R., Basir, M.A.: Role of admission gas exchange measurements in predicting congenital diaphragmatic hernia survival in the era of gentle ventilation. *J of Ped Surgery* 49:1997-1201, 2014.
26. Reilly, M.C., Vohra S.: Vermont Oxford Network Heat Loss Prevention Trial Study Group (Uhing M): Randomized trial of occlusive wrap for heat loss prevention in preterm infants. *J of Pediatr* 166:262-8, 2015.
27. Gupta, R., Drendel, A.L., Hoffman, R.G., Quijano, C.V., Uhing, M.R.: Migration of central venous catheters in neonates: a radiographic assessment. *Am J Perinatal* 33:600-4, 2016.
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