

Curriculum Vitae

NAME: James R. Hocker, MD, FAAP

ADDRESS: 6 Marsh Creek Road
Fernandina Beach, Florida 32034

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MEDICAL LICENSURE: Indiana: 01082110A
North Dakota: PT15956

EDUCATION:

Undergraduate: Illinois Wesleyan University
Bloomington, Illinois
September 1976 – May 1980
Degree: B.A. in Biology – Magna Cum Laude

Medical: University of Illinois College of Medicine
Chicago/Peoria, Illinois
September 1980 – June 1984
Degree: Doctor of Medicine

TRAINING:

Residency: Pediatrics
Greenville Hospital System
Greenville, South Carolina
July 1984 – June 1987

Fellowship: Neonatal-Perinatal Medicine
University of Louisville
Louisville, Kentucky
July 1987 – June 1990

CERTIFICATIONS:

American Board of Pediatrics
Neonatal-Perinatal Medicine, #2045
Recertified 2020 – 2025

Neonatal Resuscitation Program
2020-2022

CLINICAL POSITIONS:

Section Head – Neonatal Intensive Care Unit
EssentiaHealth – Fargo, ND
February 2020 – present

Attending Neonatologist
EssentiaHealth – Fargo, ND
October 2019 - present

Attending Neonatologist (locum tenens)
Parkview Regional Medical Center – Fort Wayne, IN
June 2019 – April 2020

Attending Neonatologist (locum tenens)
Erlanger Children’s Hospital – Chattanooga, TN
December 2018 – February 2020

Attending Neonatologist
Children’s Hospital of Illinois – Peoria, IL
July 1990 – November 2018

ACADEMIC POSITIONS:

Clinical Associate Professor of Pediatrics
University of Illinois College of Medicine – Peoria, IL
July 2013 – November 2018

Chief, Section of Neonatology
Department of Pediatrics
University of Illinois College of Medicine – Peoria, IL
July 1999 – 2017

Clinical Assistant Professor of Pediatrics
University of Illinois College of Medicine – Peoria, IL
July 1990 – June 2013

ADMINISTRATIVE POSITIONS:

Director, Neonatal Critical Care Unit
Children’s Hospital of Illinois – Peoria, IL
July 1999 – December 2017

Associate Director, Neonatal Intensive Care Unit
Children’s Hospital of Illinois – Peoria, IL
July 1990 – June 1999

President, Neonatology Associates, S.C.
July 1998 – March 2008

PEER-REVIEWED PUBLICATIONS:

Roberts j, Javed M, **Hocker J**, Wang H, Tarantino M. Risk Factors Associated with Intraventricular Hemorrhage in Extremely Premature Newborns. Blood Coagulation and Fibrinolysis 2018;29(1);25-29

Drenkpohl D, **Hocker J**, shareef M, Vegunta R, Colgan C. Adding Dietary Green Beans Resolves the Diarrhea Associated with Bowel Surgery in Neonates: A Case Study. J Pediatr Surg 2005;20:674-677.

Vegunta R, Wallace J, Leonardi M, Gross T, Renfro Y, Marshall J, Cohen H, **Hocker J**, Macwan K, Clark S, Ramiro S, Pearl R. Perinatal management of gastroschisis: analysis of a newly established clinical pathway designed to provide optimal care with excellent cosmetic results. J Pediatr Surg 2005;40:528-534.

Sadiq F, Mantych G, Benawra R, DeVarker U, **Hocker J**. Inhaled Nitric Oxide in the Treatment of Moderate Persistent Pulmonary Hypertension of the Newborn: A Randomized, Controlled, Multicenter Trial. J Perinatol 2003;23:98-103

Horbar J, Rogowski J, Plsek P, Delmore P, Edwards W, **Hocker J**, et al. Collaborative Quality Improvement in Neonatal Intensive Care. Pediatrics 2001;107:14-22

Rogowski J, Horbar J, Plsek P, Baker L, Deterding J, Edwards W, **Hocker J**, et al. Economic Implications of Neonatal Intensive Care Unit Collaborative Quality Improvement. Pediatrics. 2001;107:23-29

Hocker J, Saving K. Fatal Aortic Thrombosis in a Neonate during Infusion of Epsilon-Aminocaproic Acid. J Pediatr Surg 1995;30:1490-1492

Hocker J, Simpson P, Rabalais J, Stewart D, Cook L. Extracorporeal membrane oxygenation and early onset Group B Streptococcal Sepsis. Pediatrics 1992;89:1-4

Hilton M, Hilton F, Montgomery W, **Hocker J**, Adamkin D. Use of the stable peptide 8-L-Glutanyl Tyrosine as an IV source of tyrosine in mice. Metabolism 1991;40:634-638

Hocker J, Rabalais G. Ganciclovir Therapy of Congenital Cytomegalovirus Pneumonia. Pediatr Infect Dis J 1990;9:743-745.

Hocker J, Wellhausen S, Ward R, Simpson P, Cook L. Effect of extracorporeal membrane oxygenation on leukocyte function in neonates. *Artificial Organs* 1991;15:23-28

NON-PEER REVIEWED PUBLICATIONS:

Hocker J. The use of ECMO in patients with overwhelming infection: A review. *Infections in Medicine* 1994;11:739-742

Hocker J. Tocolytics: Fetal and Neonatal Effects. *PCC Newsletter* 1988;14(7):1-4

POSTERS:

Hocker J, Macwan K, et al., "Birth of a Small Baby Unit", Vermont Oxford Annual Meeting and Quality Congress, Chicago, IL, September 10, 2016

Hocker J, Macwan K, et al., "Stamping out the Micropremie Gap", Vermont Oxford Annual Meeting and Quality Congress, Chicago, IL, October 2, 2015

Hocker J, Macwan K, et al., "Eye Care (Reducing the Incidence of Severe ROP", Vermont Oxford Annual Meeting and Quality Congress, Chicago, IL, November 1, 2014

Lee S, Corrales J, **Hocker J**, "Improving the Care of Infants with Neonatal Abstinence Syndrome", Vermont Oxford Annual Meeting and Quality Congress, Chicago, IL, November 1, 2014

Drenkpohl D, Steger F, **Hocker J**, et al., "Improving Growth of VLBW Neonates", Illinois Perinatal Quality Collaborative, Chicago, IL, October 30, 2014

PRESENTATIONS:

"Extreme Prematurity/Therapeutic Hypothermia for HIE", OSF Saint Joseph's Medical Center, Bloomington, IL November 29, 2016

"Fetal Alcohol Spectrum Disorders", Pediatric Grand Rounds, Children's Hospital of Illinois, Peoria, IL, October 20, 2016

"Drug Use in Pregnancy", North Central Illinois Perinatal Network Conference, Peoria, IL, September 18, 2015

PAGE 5 of 8

“Drug Use in Pregnancy”, Pediatric Grand Rounds, Children’s Hospital of Illinois, Peoria, IL, February 5, 2015

“Reducing Severe Retinopathy of Prematurity”, Vermont Oxford Network National Webinar, December 3, 2014

“Persistent Pulmonary Hypertension of the Newborn”, The 9th National Pediatric Conference, Hanoi, Vietnam, September 13, 2012

“Non-invasive Respiratory Support in Newborns”, Nhi Dong 1 NICU Staff, Ho Chi Minh City, Vietnam, August 9, 2011

“Probiotic Use in Pediatrics”, Pediatric Grand Rounds, St. Mary’s Medical Center, Galesburg, IL, June 16, 2011

“Prenatal Counseling”, UICOMP Ob-Gyn Resident Conference, Peoria, IL June 9, 2011

“Bugs and Us: Probiotic Use in Pediatrics” Pediatric Grand Rounds, Children’s Hospital of Illinois, April 5, 2011

“Late Preterm Newborns”, North Central Perinatal Region of Illinois Quality Council, East Peoria, IL , April 28, 2011

“Improving Admission Temperatures in Very-Low-Birthweight Neonates”, Vermont Oxford Quality Improvement Collaborative, San Diego, CA, September 13, 2009

“Improving Admission Temperatures in Very-Low-Birthweight Neonates”, Vermont Oxford Quality Improvement Collaborative, Orlando, FL, March 22, 2009

“Late Preterm Infants, OB Grand Rounds, OSF Saint Francis Medical Center, Peoria, IL, December 20, 2007

“Nutrition in the NICU”, Decatur Pediatric Grand Rounds, Decatur Memorial Hospital, Decatur, IL, May 29, 2007

“Post-discharge Care of the NICU Graduate”, Saint Mary’s Medical Center, Galesburg, IL, March 25, 2007

“Nutrition in the NICU”, Regional Nursing Seminar, Merrillville, IN, September 13, 2006

“Ethical Dilemmas in the Management of Extremely Premature Newborns”, Pediatric Grand Rounds, Children’s Hospital of Illinois, Peoria, IL, February 9, 2006

PAGE 6 of 8

“Neonatology Update”, Illinois Academy of Family Physicians, OSF Saint Francis Medical Center, Peoria, IL April 22, 2004

“The Delicate Brain of the Premature Newborn”, March of Dimes Symposium, OSF Saint Francis Medical Center, Peoria, IL, November 18, 2003

“Morbidity and Mortality-VLBW Infants”, Pediatric Grand Rounds, Children’s Hospital of Illinois, Peoria, IL, February 15, 2001

“Medical Care in Russia”, OB Grand Rounds, OSF Saint Francis Medical Center, Peoria, IL, September 2, 2000

“VLBW Outcomes”, OB Grand Rounds, OSF Saint Francis Medical Center, Peoria, IL, June 15, 2000

“VLBW Resuscitation”, Sobinka General Hospital, Sobinka, Russia, May 18, 2000

“Surfactant Replacement Therapy in the United States”, Vladimir Regional Hospital, Vladimir, Russia, May 6, 1999

“Outcomes of Extremely Low Birthweight Neonates”, Sobinka General Hospital, Sobinka Russia, May 5, 1999

“RSV Immunoprophylaxis”, Pediatric Grand Rounds, Children’s Hospital of Illinois, Peoria, IL, November 5, 1998

“Outpatient Treatment of Bronchopulmonary Dysplasia”, Pediatric Grand Rounds, Children’s Hospital of Illinois, Peoria, IL, October 23, 1997

“Reducing Chronic Lung Disease through Continuous Quality Improvement”, East Central Perinatal Region of Illinois Grand Rounds, Urbana, IL, September 10, 1997

“CQI in the NICU”, St. John’s Medical Center, Springfield, IL, April 21, 1997

“Respigam and Partial Liquid Ventilation”, St. Mary’s Medical Center, Galesburg, IL, March 20, 1997

“Best Practices at Saint Francis Medical Center”, Vermont Oxford Annual Meeting, Washington, DC, December 1, 1996

“2001: The NICU Odyssey-Cutting Edge Therapies in Neonatology”, Perinatal Potpourri, Level III Center for Perinatal Care of East Central Illinois, Urbana, IL, October 10, 1996

"Pulmonary Hemorrhage-The Saint Francis Experience", Neonatal Collaborative Quality Improvement Project, Vermont Oxford Neonatal Network, Minneapolis, MN, June 20, 1996

"Use of Nitric Oxide in Ventilatory Management", Perinatal Grand Rounds, Covenant Medical Center, Champaign, IL, September 21, 1995

"Implications and Use of Nitric Oxide in the Neonate", Pediatric Intervention, Peoria, IL, February 27, 1995

"Pulmonary Hypertension and the Use of Nitric Oxide in Newborns", Pediatric Grand Rounds, Peoria, IL, February 9, 1995

"ECMO Case Review", Neonatal Grand Rounds, Children's Hospital of Illinois, Peoria, IL, February 18, 1994

"Surfactant Replacement", Neonatal Grand Rounds, Children's Hospital of Illinois, Peoria, IL, August 21, 1992

"Surfactant Replacement", Pediatric Grand Rounds, Carle Foundation Hospital, Urbana, IL, June 23, 1992

"Congenital Infections Updates", Pediatric Grand Rounds, Children's Hospital of Illinois, Peoria, IL, June 18, 1992

"Patent Ductus Arteriosus-When and How to Treat", Pediatrics Interventions-1992, Peoria, IL, March 2, 1992

"Extracorporeal Membrane Oxygenation in Neonates", Pediatric Grand Rounds, Cottage Hospital, Galesburg, IL, October 17, 1991

"Congenital Infections", Pediatric Grand Rounds, Children's Hospital of Illinois, Peoria, IL, February 7, 1991

"ECMO and Early Onset Group B Streptococcal Sepsis", Pediatric Grand Rounds, University of Louisville, Louisville, KY, June 29, 1990

"Study of Intravenous Gamma-Glutamyl-L-Tyrosine as Nutritional Source of Tyrosine in Neonates", Lake Barkley Conference on Perinatal Research, Cadiz, KY, May, 1990

"ECMO and Early Onset Group B Streptococcal Sepsis", Children's National Medical Center ECMO Symposium, Breckinridge, CO, February 27, 1990

PAGE 8 of 8

“HIV Infection”, 25Th Annual Postgraduate Nursing Symposium, Department of Pediatrics, University of Louisville, Louisville, KY, August 1989

“Anemia in the Newborn”, 25Th Annual Postgraduate Nursing Symposium, Department of Pediatrics, University of Louisville, Louisville, KY, August 1989

“Neonatal Cytomegalovirus Pneumonia”, Children’s National Medical Center ECMO Symposium, Snowmass, CO, February, 1989

“Effect of Extracorporeal Membrane Oxygenation on Leukocyte Function in Neonates”, Children’s National Medical Center ECMO Symposium, Snowmass, CO, February, 1989

“Acquired Immune Deficiency Syndrome and the Neonate”, The Western Kentucky Nursing Association, Elizabethtown, KY, December 8, 1988

“Infants of Diabetic Mothers”, 24Th Annual Postgraduate Nursing Symposium, Department of Pediatrics, University of Louisville, Louisville, KY, August 2, 1988

“Anemia in the Newborn”, 24Th Annual Postgraduate Nursing Symposium, Department of Pediatrics, University of Louisville, Louisville, KY, August 2, 1988

“Respiratory Distress in the Newborn”, Pediatric Grand Rounds, Regional Medical Center, Bowling Green, KY, May 12, 1988

“Infants of Diabetic Mothers”, Pediatric Grand Rounds, Regional Medical Center, Bowling Green, KY, May 12, 1988

“Intraventricular-Periventricular Hemorrhage”, 23rd Annual Postgraduate Nursing Symposium, Department of Pediatrics, University of Louisville, Louisville, KY, August, 1987