



David Adamkin, M.D.

Professor Department of Pediatrics
Rounsavall Endowed Professor in Neonatal Medicine

Director Division of Neonatal Medicine

Co-Director Neonatal Fellowship Program

Director Neonatal Nutrition Research Program

Scholarly Activities:

Dr. David Adamkin has authored over 90 articles, 40 book chapters, 5 books, and 20 webinars dealing with methods and strategies to nourish premature infants. This includes research in infant formula development and human milk. He teaches nutrition to neonatologists nationally for the American Academy of Pediatrics and also lectures annually in Europe. Dr. Adamkin was recently listed in the 2014 "Best Doctors in America" as well as Top Pediatrician in Louisville by the International Association of Pediatricians, and is a former member of the Committee on Fetus and Newborn.

Grants:

Role: Principal Investigator

Title: *Comparison of 2 human milk fortifiers in preterm infants*

Funding Agency: Abbott Nutrition

Direct Costs Funded: \$48,600

Publications (2013-2014):

O'Neill EF, Radmacher PG, Sparks B, **Adamkin DH**. Creamatocrit analysis of human overestimates fat and energy content when compared to a human milk analyzer using mid-infrared spectroscopy. *Journal of Pediatric Gastroenterology and Nutrition* 56:569-572 (2013).

Adamkin DH, Radmacher PG. Optimizing nutritional support with protein and energy for very low birth weight infants. *eNeonatal Review* 9(13) (2013).

Adamkin DH. Editorial Review of Early total parenteral nutrition in very low birthweight infants: Is it safe? Is it worth it? *The Journal of Pediatrics* 163:622-624 (2013).

Radmacher PG, Lewis SL, and **Adamkin DH**. Individualizing fortification of human milk using real time human milk analysis. *Journal of Neonatal-Perinatal Medicine* 6:319 – 323 (2013).

Adamkin DH. Editorial Review of Optimization of human milk fortification for very-low-birth-weight infants by Arslanoglu S, Moro GE, Ziegler EE, et al. *Year Book of Neonatal and Perinatal Medicine* (2013).

Adamkin DH. Editorial Review of A new liquid human milk fortifier by Moya F, Sisk PM, Walsh KR, et al. *Year Book of Neonatal and Perinatal Medicine* (2013).

Rollo DE, Radmacher PG, Turcu RM, Myers SR, **Adamkin DH**. Stability of lactoferrin in stored milk. *Journal of Perinatology* 34:284-286 (2014).

Havener K, Radmacher P, **Adamkin DH**. Gastric residual osmolality and refractometry in preterm infants with feeding intolerance. *Neonatal Intensive Care* 27: 22-25 (2014).

Adamkin DH, Radmacher PG. Current trends and future challenges in neonatal parenteral nutrition. *Neonatal-Perinatal Medicine. The Journal of Neonatal-Perinatal Medicine*, 7: 157-164 (2014)

Sparks BB, Radmacher PG, Lewis SL, Serke LA, and **Adamkin DH**. Human milk analysis contributes to nutritional management of very low birth weight infants. *ICAN: Infant, Child and Adolescent Nutrition*, 6:295-300 (2014).

Adamkin DH. Editorial Review of Variability in human milk composition: benefit of individualized fortification in very-low-birth-weight infants by de Halleux V and Rigo J. *Yearbook of Neonatal and Perinatal Medicine* (2014).



Adamkin DH. Editorial Review of Probiotic effects on late-onset sepsis in very preterm infants: a randomized controlled trial by Jacobs SE, Tobin JM, Opie GF, et al. Yearbook of Neonatal and Perinatal Medicine, (2014).

Adamkin DH. Editorial Review of Randomized trial of exclusive human milk versus preterm formula diets in extremely premature infants by Cristofalo EA, Schanler R, Blanco C, Sullivan S, Trawoeger R, Kiechl-Kohlendorfer U, et al. Yearbook of Neonatal and Perinatal Medicine (2014).

External Professional Activities (2013-2014):

- Abstract Reviewer and Moderator, Pediatric Academic Societies, 2013
- Abstract Reviewer, Nutrition and Metabolism, Pediatric Academic Societies Annual Meeting, 2013
- Elected President of the Southeastern Association of Neonatologists, May 2013
- Co-Chair, Perinatal Research - Mead Johnson Nutrition; American Academy of Pediatrics, 2013
- Contributing Editor, Year Book of Neonatal and Perinatal Medicine, Elsevier 2013
- Abstract Reviewer, Human Milk or Breastfeeding, PAS/ASPR Joint Meeting: Vancouver, Canada, 2014
- Abstract Reviewer, Neonatal GI Physiology & NEC, PAS/ASPR Joint Meeting: Vancouver, Canada, 2014
- Optum Neonatal Expert Panel, March 2014
- Contributing Editor, Year Book of Neonatal and Perinatal Medicine, Elsevier, 2014
- President, Meeting Organizer of 28th Annual Southeastern Association of Neonatologists, Marco Island, FL, 2014
- Co-Director 38th Midwest Conference Perinatal Research, Eaglewood Resort, Itasca, IL, 2014

- Editorial Board, Nowiny Lekarskie – Medical News, Poznan University of Medical Sciences, 2013
- Chief of Clinical and Medical Affairs at Medolac Laboratories, 2013
- Coinvestigator, Global Lactoferrin Infant Feeding Trial (LIFT), 2014
- Chairperson Plenary Session, The International Neonatology Conference, April 2014
- Appointed to the Board of International Neonatology Association, April 2014
- Best Doctors in America List, 2014
- Tom Pauly Perinatal Service Award, 2014

Technology:

iPhone Application for Postnatal Glucose Homeostasis, Neonatal Hypoglycemia “Sweet Wheel”, April 2013

Webinars and Podcasts:

Adamkin, DH, Radmacher PG. Optimizing Nutritional Support with Protein and Energy for Very Low Birth Weight Infants. (Podcast eNeonatal Review). Volume 9, Issue 13; September 2013

Adamkin, DH, Radmacher PG. Optimizing Nutritional Support with Protein and Energy for Very Low Birth Weight Infants. (Podcast eNeonatal Review). Volume 9, Issue 14; October, 2013

Adamkin, DH. Nutritional Strategies to Improve Outcomes in Very Low Birth Weight Infants L/ 500 grams. (Webinar to USA Neonatologists). December 2013