



Harer, Matthew

Matthew Harer is an assistant professor in the Division of Neonatology at the University of Wisconsin. He completed his medical training and pediatric residency at the University of Wisconsin and his neonatology fellowship at the University of Virginia. He practices neonatology at UnityPoint Health Meriter in a 44-bed level III Neonatal Intensive Care Unit (NICU) and the American Family Children's Hospital 26-bed level IV NICU.

His primary research focus is to reduce the incidence of chronic kidney disease (CKD) in children and adults by reducing kidney injury and maximizing kidney health while in the NICU. Specifically, he does translational research on acute kidney injury (AKI) and long-term follow-up of renal function in neonates born prematurely. Currently he is focusing on the prevention, diagnosis and treatment of AKI in premature infants. He is investigating the use of near infrared spectroscopy to diagnose AKI in 'real-time' as well as the use of caffeine to prevent and treat AKI in the NICU. He looks forward to collaborative research with others throughout the world and utilizing social media to speed the adoption of evidence-based medicine practice in the NICU.