



Sonia Lomeli Bonifacio, MD

Clinical Professor of Pediatrics
Director NeuroNICU
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Dr. Sonia Lomeli Bonifacio, Clinical Professor of Pediatrics, Director of the NeuroNICU, completed her pediatric and neonatology training at UCSF in 2009 and joined the Stanford faculty in May of 2015.

Dr. Bonifacio's primary research interests are the development and implementation of neonatal neurocritical care, neurodevelopmental outcomes of preterm and sick term newborns, and therapeutic interventions for neonatal encephalopathy. During her fellowship, she focused on learning the mechanisms of neurologic injury, use of Magnetic Resonance Imaging (MRI) as a predictor of outcome, and development and implementation of brain monitoring and treatment strategies to reduce neurologic injury. Her current research includes collaborative work with multiple research networks, and she is leading a multi-center study of therapeutic hypothermia for newborns with mild HIE. She is currently the Chair of the Guidelines and Publications Committee of the Newborn Brain Society and a founding member of the organization.

Sonia is also passionate about quality improvement and health equity. She has worked with the Vermont Oxford Network as a clinical expert and curriculum leader for the All Care is Brain Care Collaborative. As the daughter of immigrants raised by a single mother, she draws on her life experiences to provide compassionate and equitable care to all infants and their families. She leads a multidisciplinary health equity taskforce in Neonatology which aims to reduce inequities in care to reduce morbidity and mortality in minoritized populations. She proudly serves as a mentor to trainees in neonatology and is dedicated to increasing the number of underrepresented minorities in medicine to better reflect and serve the needs of the local community.