iNICQ Improving Care for Neonatal Encephalopathy
Faculty

Denis Azzopardi, MD
Dr. Denis Azzopardi, is Senior Lecturer in Paediatrics and Neonatal Medicine, Imperial College, London and Consultant Neonatologist at Hammersmith Hospital in London. Dr Azzopardi lead the total body hypothermia (Toby) trial at Hammersmith Hospital.

Peter Bingham, MD
Dr. Peter Bingham is a Clinical Associate Professor of Neurology and Pediatrics at the University of Vermont and a Neurologist at Fletcher Allen Healthcare, Burlington, Vermont. His areas of interest are Behavioral Neurology, Epilepsy, and Neonatal Neurology.

Linda DeVries, MD
Dr. Linda DeVries is holds the title ofProfessor in Neonatal Neurology,
University Medical Centre,Wilhelmina Children's Hospital
Utrecht, The Netherlands

Donna Ferriero, MD
Dr. Donna M. Ferriero is chief of Child Neurology at UCSF Children's Hospital, where she directs 10 doctors with expertise in epilepsy, neuromuscular disease, developmental disabilities and cancer. She is a recognized expert in the care of newborns and children with neurological disabilities and director of the Neonatal Brain Disorders Center at UCSF, funded by the National Institute of Neurological Diseases and Stroke to study the mechanisms of ischemic, or blood flow, injury in the neonatal brain. She has been honored at UCSF as a recipient of the Distinguished Teaching Award from the Academic Senate, the Chancellor's Award for the Advancement of Women and the Sidney Carter Award from the American Academy of Neurology for excellence in child neurology.

Lena Hellstrom-Westas, MD
Dr. Lena Hellstrom-Westas is Associate Professor in the Department of Paediatrics, Uppsala University, Uppsala, Sweden.

Jeffrey Horbar, MD
Jeffrey Horbar is a board-certified neonatologist and clinical scientist with extensive experience in clinical research and its application to the improvement of neonatal care. He is currently a Professor of Pediatrics at the University of Vermont College of Medicine, Chief Executive and Scientific Officer of the Vermont Oxford Network, Associate Editor of Pediatrics, and Co-Editor of the Neonatal Review Group of the Cochrane Collaboration. Dr. Horbar has been responsible for the development of the Vermont Oxford Network Database and is the leader of the quality improvement initiatives of the Vermont Oxford Network including the NICQ and iNICQ improvement collaboratives.

Terrie Inder, MD

Dr. Terrie Inder is dual trained in neonatal medicine and child neurology and works as a senior clinical scientist and physician in neonatal neurology studying the nature of brain injury and altered brain development in the newborn. The cornerstones in her research program are the application of magnetic resonance imaging and electrophysiology to brain injury and brain development in the preterm and term brain with neurodevelopmental follow up to correlate with long term outcomes.

Amit Mathur, MD

Dr. Amit Mathur is Associate Professor of Pediatrics at Washington University in St. Louis as well as Associate Medical Director, Neonatal Intensive Care Unit, St. Louis Children's Hospital. His area of research interest covers the study of brain injury and neuroprotection in the neonate. Using a combination of clinical examination, bedside electrophysiological monitors and MR imaging techniques, such as spectroscopy, diffusion tensor imaging (DTI) and surface based morphometry (SBM), he is studying the long term neurodevelopmental impact of aggressive EEG seizure treatment in the neonate. In the premature infant, he is studying the impact of early versus late intervention in post-hemorrhagic ventricular dilatation (PHVD) on MR imaging, EEG, CSF biomarkers and neurodevelopmental measures

Steven Miller, MD

Dr. Steven Miller joined the faculty at British Columbia Children's Hospital and the University of British Columbia and is now an Associate Professor of Pediatrics, in the division of Neurology. Collaborating with a multidisciplinary team, his research program focuses on better understanding brain injury in the human newborn. He is specifically interested in the brain changes that underlie the motor and cognitive deficits resulting from neonatal brain injury. Dr. Miller is using advanced magnetic resonance (MR) technology, including Diffusion Tensor Imaging and MR Spectroscopic Imaging, to study high-risk newborns early in life. The long-term goal of his research program is to test new strategies to prevent brain injury in the newborn.