

## Dr. Nadya Ben Fadel

Dr. Ben Fadel is a Neonatologist at the Children's Hospital of Eastern Ontario (CHEO) and an Assistant Professor at the University of Ottawa since September 2010. She received her MD from Al Fateh University in Tripoli, Libya. She completed her Pediatric Residency training at CHEO in 2008 and her Neonatal-Perinatal Fellowship at the Hospital for Sick Children (HSC) in 2010. She joined the Division of Neonatology at CHEO and the Ottawa Hospital-General Campus as a full time staff on September 2010.

Early in her Neonatal fellowship, Dr. Ben Fadel had demonstrated a great interest in studying neonatal cardiac function and hemodynamics. She always appreciated the role of Targeted Neonatal Echocardiography (TnEcho) in providing real time information about physiology and hemodynamics in the sick newborn and the values of having this information to target cardiovascular support and monitor the response to treatment.

During her fellowship, she had a three-month training course in TnEcho at HSC and has recently completed six months of formal pediatrics echocardiography training in the cardiology lab at CHEO supported by professional development grant from the Royal College. She is very proud to have implemented the first Targeted Neonatal Echocardiography program in Ottawa.

Her main research focus is on the management of patent ductus arteriosus in preterm babies and the use of point of care ultrasound in the Neonatal Intensive Care Unit. She is currently involved in supervising research by residents and fellows in this important clinical area.

Furthermore, Dr. Ben Fadel is currently pursuing a master's degree in Health Professional Medical Education. Her thesis describes the design, implementation and evaluation of web-based modules on the interpretation of the Neonatal Cranial Ultrasound.

