

DR. PRATHIK B H

Consultant - Neonatology

Qualification

MBBS | MD (Paediatrics) | DM (Neonatology)

Overview

Dr. Prathik B H is currently serving as a Consultant Neonatologist at Manipal Hospital Sarjapur Road, Bengaluru, with over a decade caring for critically ill, premature and high-risk newborns. He holds an MBBS from Jawaharlal Nehru Medical College, Belgaum, followed by an MD in Paediatrics and a DM in Neonatology from Lady Hardinge Medical College, New Delhi. He received the Monal Nangia Memorial Award for Best DM Neonatology Resident in 2016. He has previously served as an Associate Professor at prestigious institutes in Bengaluru, during which he initiated Karnataka’s first government-sector DrNB superspeciality training programme in Neonatology, helped the hospital’s NICU achieve NNF Level 3B accreditation and established its human milk bank. His clinical interests include neonatal sepsis, respiratory support for preterm infants, hypoxic-ischaemic encephalopathy, therapeutic hypothermia, neonatal nutrition and functional echocardiography. His work focuses on several aspects of specialised newborn care, including the management of complex neonatal conditions and supporting the needs of premature and critically ill infants. Dr. Prathik has authored more than 55 publications in indexed journals and contributed chapters

to textbooks and manuals. His research involvement includes multicentre clinical trials on neonatal encephalopathy, neonatal sepsis and care for preterm infants. He has also led research into rapid diagnostic methods for neonatal sepsis and an artificial intelligence-based framework for monitoring asphyxial brain injury. He holds a patent for an apparatus for rapid antibiotic susceptibility testing. In addition to his clinical and research work, he serves as Associate Editor of the Journal of Neonatology and is a member of the National Neonatology Forum's Clinical Practice Guidelines Committee. He is a National Trainer for the Neonatal Resuscitation Programme and has trained more than 1,400 nurses across Karnataka in newborn care. His academic, clinical and training contributions reflect his commitment to advancing neonatal care and improving outcomes for newborns.

Fellowship & Membership

- National Neonatology Forum, Indian academy of paediatrics

Field of Expertise

- Neonatology
- Neonatal Intensive Care

Languages Spoken

- Kannada
- Hindi
- English
- Telugu

Awards & Achievements

- Started the first DrNB Super-speciality training programme in Neonatology in the government sector in Karnataka.
- Accredited the NICU at IGICH to NNF Level 3B – the only government-sector NICU in Karnataka with Level 3B accreditation.
- Established the human milk bank at IGICH as Nodal Officer.
- Trained more than 1,400 nurses from SNCUs across the state under the Facility Based Newborn Care programme at the State Resource Centre, IGICH.
- Monal Nangia Memorial Award for Best DM Neonatology Resident (2016), Lady Hardinge Medical College, New Delhi.
- NNF Postgraduate Quiz: Winner at college, state and north-zone levels; runner-up at national level.
- IAP Postgraduate Quiz: Winner, college round (2011); winner, college round and second in divisional round (2012).
- Winner, Paediatric Quiz, NARCHI World Congress 2012, Delhi.
- Governor's Medal, Bharat Scouts and Guides.
- Doping Control Officer, Commonwealth Games, Delhi 2010.
- All India Postgraduate Medical Entrance Examination 2010: Rank 86.
- DM Neonatology Entrance Examination 2013: Rank 5.
- Apparatus for high-throughput rapid antibiotic susceptibility testing and methods thereof. Patent No. 556160. (Research grant from RGUHS, in collaboration with the Indian Institute of Science).

Talks & Publications

- Recurrent apnea in a preterm neonate. NeoReviews. 2016 Feb;17(2):e102–e104.
- Oxygen therapy in neonate. J Neonatol. 2013 Apr–Jun;27(2).

- Congenital pseudoarthrosis of clavicle: a rare diagnosis in neonate. Indian J Neonatal Med Res. 2017 Apr;5(2): NI01–NI02.
- Unexplained hypercarbia in term neonate in NICU. NeoReviews. 2017 Nov.
- Hypothermia for encephalopathy in low and middle-income countries (HELIX): study protocol for a randomised controlled trial. Trials. 2017 Sep 18;18(1):432.
- Hypothermia for encephalopathy in low-income and middle-income countries: feasibility of whole-body cooling using a low-cost servo-controlled device. BMJ Paediatr Open. 2018 Mar 23;2(1).
- Surfactant lung lavage vs. standard care in the treatment of meconium aspiration syndrome – a randomised trial. J Trop Pediatr. 2018 Jun 6.
- Yield of meconium in non-vigorous neonates undergoing endotracheal suctioning and profile of all neonates born through meconium-stained amniotic fluid: a prospective observational study. Paediatr Int Child Health. 2018 Aug 30:1–5.
- Letter to the editor (PreROP trial). Arch Dis Child Fetal Neonatal Ed. 2017.
- An enigma of recurrent extubation failure in a neonate. NeoReviews. 2019.
- Short-term neurobehavioural outcomes in late preterm neonates. Indian Pediatr. 2019 Jun.
- Ramaswamy V, Kudumula V, Bandiya P, Sanghamitra GS, Nori S, Rama Rao PV, Surabhi HS, Niranjan HS. A case series of right atrial mass in neonates: a diagnostic dilemma. J Matern Fetal Neonatal Med. 2019.
- Validation of weight, insulin-like growth factor 1, neonatal retinopathy of prematurity for detecting retinopathy of prematurity among Indian preterm neonates. Int J Contemp Pediatr. 2019 Sep;6(5).

- Emerging technologies for antibiotic susceptibility testing. Biosens Bioelectron. 2019;142:111552.
- Maternal understanding and perception of pictorial parent guide on essential care for every newborn. Int J Sci Res. 2019;8(10):17–20.