

DR. KARTHIK NAGESH

HOD & Consultant - Neonatology Paediatrics

Qualification

MBBS at the Maulana Azad Medical College, University of Delhi | MD |
FRCPCH (UK) | FNNF | FIAP

Overview

Dr. Karthik Nagesh is one of the highly acclaimed consultant paediatric neonatologist in Old Airport Road, Bangalore as this veteran has made an immense contribution to the field of neonatal care. He has a long-term association with the Manipal Hospitals located on Old Airport Road in Bengaluru with the role of Consultant – Neonatology and Paediatrics since 1992. He has earned quite a reputation in India for his progressive work taking care of sick newborns in intensive care by using revolutionary ventilation and surfactant therapy to alleviate respiratory issues. In 2020, he was awarded the most distinguished Fellowship by the Indian Academy of Paediatrics to recognise his contribution and efforts towards child health. The National Neonatology Forum conferred a fellowship in the area of neonatology for lifetime service. He is celebrated for setting up NICU with state of a art facility at Manipal Hospital to deliver exceptional intensive care to even the tiniest newborns. In addition, he played a vital role in establishing five more NICUs across the country to offer excellent care to sick neonates. Dr. Nagesh is also the Neonatal ICU and Neonatology HOD and Chairman of Manipal Hospitals Group as well as Manipal Advanced Children's Centre. He underwent training in reputed institutes like the University of Manchester School of Medicine, Neonatal Intensive Care

at Chelsea Hospitals and Queen Charlotte in London, and Hope Hospital. He is the Managing Trustee and Founder of the trust called the Foundation for Newborns to perform charity work to enhance the health and care of sick newborns. Dr. Karthik Nagesh is also an adjunct faculty of Paediatrics at the KMC in Manipal University. Dr. Karthik Nagesh's selfless service and dedication in the field of neonatology have won him several awards and recognition. The GKNM Hospital conferred the Dr. G. K. Devarajulu Memorial Endowment Oration Award, the Indian Academy of Paediatrics offered him Dr. V. Balagopal Raju Award for his Child health research paper, and IAP Delhi awarded him with Dr. Satya Gupta Endowment Prize. This Indian, conferred with FRCPCH, (London) has also authored two chapters of the IAP-NNF Textbook of Clinical Neonatology published by Jaypee Bros. in 2021, which is now used for neonatal practice reference by Indian neonatologists. He has also written and edited a chapter of the renowned Cloherty and Stark's Manual of Neonatal Care – South Asian Edition 2021 that has NICU protocols to be followed by neonatologists. Dr. Karthik Nagesh made the country beam with pride by being instrumental in conducting Newborn Week celebration events and Newborn Health initiatives by collaborating with National Neonatology Forum and United Nations. He was the first to introduce air transport to ensure immediate medical attention for sick newborns in India.

Fellowship & Membership

- Neonatal Intensive Care Fellowship
- Conferred the prestigious Fellowship of the 'Indian Academy of Pediatrics' (FIAP) for lifetime contribution to Child Health, 2020
- Awarded the Fellowship of the National Neonatology Forum for Lifetime service in the field of Neonatology, 2013.

Field of Expertise

- Dr Karthik Nagesh pursued his training in Neonatal Intensive Care at Queen Charlotte and Chelsea Hospitals in London, and at the Hope Hospital, University of Manchester School of Medicine.
- Nagesh returned to India in 1992, to set up one of the first tertiary level care Neonatal Intensive Care Units in India.
- He is well known for having setup a "state of the art NICU" at Manipal Hospital, Bangalore with the reputation of providing high quality intensive care to the sickest of small neonates ethically.
- He was the Head of Paediatrics at Manipal Hospital from 2001 to 2004 and later has been the Head of Neonatology.
- He then turned his focus to promoting Paediatric Research in priority areas relevant to India and to pursue imparting education in neonatology more actively amongst paediatricians.
- He is the Founder and Managing Trustee of the "Foundation for Newborns", a trust which does charity work for sick babies and promotes newborn health. He was President of the National Neonatology Forum (Karnataka, India) from 2001 to 2003.
- He was nominated to be the President of the Indian Academy of Paediatrics, Bangalore for the year 2010.
- He was conferred the Fellowship award of the National Neonatology Forum of India (2013) for lifetime service in the field of neonatology.
- Recently Bestowed with the prestigious FIAP (Fellowship award of the Indian Academy of Pediatrics) in 2020 for lifetime contribution to Child Health.
- More than 20,000 neonates have been treated by him and his dedicated team of doctors and nurses these last 28 years.
- Many of his sickest and smallest patients are now themselves

highly accomplished intelligent adults excelling in various professions.

- They have launched a unique initiative to help the cause of premature babies on "World Prematurity day"-The ex-Preemies Club.
- He has received the prestigious Fellowship of The Royal College of Paediatricians and Child Health, London (FRCPCH) for his contributions in the field of neonatology and paediatrics.

Languages Spoken

- English
- Kannada
- Hindi
- Tamil

Awards & Achievements

- Invited as a Contributing Author to write 2 chapters in "IAP-NNF Textbook of Clinical Neonatology", 2021, Jaypee Bros . This textbook is used by neonatologists and neonatal fellows all over India as basic reference for Neonatal practices. (2020-21).
- Invited as a Contributing Author to write and edit a chapter in the South Asian edition of the prestigious "Cloherty and Stark's Manual of Neonatal Care", Wolters Kluwer, 2021. This manual is used by neonatologists all over as a primer of protocols to follow in neonatal intensive care. (2020-21).
- Conferred the prestigious Fellowship of the 'Indian Academy of Pediatrics' (FIAP) for lifetime contribution to Child Health, 2020.
- Reviewer for "Current Practice Guidelines" of National Neonatology Forum of India, 2019.
- Awarded the "Healthcare achiever - Legend" award by Times of India 2019.
- Awarded the Oration (Dr Nagaraj Rao Oration) and delivered the same at the prestigious National Conference of Neonatology (NNF NEOCON 2019), Dec 2019.
- Organized the well acclaimed and Prestigious conference in Neonatology, the "IAPNEOCON 2019" in Bangalore as Chairman. This was attended by 19 International faculty and nearly 700 Delegates and the conference focused on "Advancing Frontiers of Neonatal Medicine".
- Awarded the "Lifetime Achievement Award" by the National Neonatology Forum-Karnataka State Chapter,2019.
- Awarded the Oration award, National Neonatology Forum, Karnataka 2016.
- Awarded the Fellowship of the National Neonatology Forum for Lifetime service in the field of Neonatology, 2013.
- Invited for a Platform Presentation to present a paper on the "role of GM-CSF in Neonatal Sepsis "at the "Society for Pediatric Research / AAP/PAS" annual meeting, Boston, 2000.
- Awarded the 6th "Dr.G.K.Devarajulu Memorial Endowment Oration Award" by the GKNM Hospital, Coimbatore, India. (1999).
- Has carried out one of the first "Air Transports for sick Neonates" in India.
- First Pediatrician to successfully use Surfactant therapy in Neonatal RDS in India.
- Awarded the "Dr.V.Balagopal Raju Award" by the Indian Academy of Pediatrics for the best research paper in Child health. (1988).
- Awarded the "Dr.Satya Gupta Endowment Prize" for the best research paper in Pediatrics by the IAP Delhi. (1987).

- Awarded "Best Student" prize in Anatomy, Forensic Medicine, Internal Medicine and General Surgery during M.B.B.S. (1977-1982).
- Conducted statewide Newborn Health initiatives and the "Newborn Week" Celebration drives in collaboration with the UNICEF, NNF.
- Has helped set up 5 more NICUs in the country apart from starting and running the one at Manipal Hospital, Bangalore.

Talks & Publications

- Rise in premies seeking neonatal care in Bangalore- Dr Karthik Nagesh, Chairman & HOD- Neonatal ICUs & Manipal Advanced Children's Centre, Manipal Hospitals Old Airport Road [Click Here](#)
- Debunking myths about premature deliveries- Dr Karthik Nagesh, Chairman & HOD, Neonatology & Neonatal ICU, Manipal Hospitals Old Airport Road [Click Here](#)
- Lessons in Neonatal Respiratory Care- "An Evidence based approach", editors; Karthik Nagesh N & Razak A, 2019, Publisher; Noble Vision, ISBN-978-937640-7-7,
- Are we Missing Neonatal Dengue? Keerthy S1, Nagesh K, Indian Pediatr. 2019 Aug 15;56(8):697.
- Current status of neonatal intensive care in India , Karthik Nagesh N, Razak A. Arch Dis Child Fetal Neonatal Ed 2016;0:F1-F5. doi:10.1136/archdischild-2015-308169
- Interpretation of the Blood Gas , N. Karthik Nagesh,1,2 Abdul Razak3 and Mrinal Pillai4 , in The Handbook of Neonatology, Indian JI of Pediatrics, 2016, 356
- Immature Platelet Fraction, A Simple and Useful Novel Marker in Dengue Hemorrhagic Fever. Shivshankar D1, Nagesh K. Indian Pediatr. 2016 Feb;53(2):173.
- Alveolar Capillary Dysplasia as a Cause of Persistent Pulmonary Hypertension. Razak A1, Mohanty PK, Nagesh NK. Indian Pediatr. 2015 Nov;52(11):984-6.
- Continuous Renal Replacement Therapy in NICU - Indian Experience.
- Pillai MS1, Nagesh NK2, Venkatesh HA1, Razak A1, Siddini V3. Indian J Pediatr. 2016 Aug;83(8):884-5. doi: 10.1007/s12098-015-1994-x. Epub 2016 Feb 11.
- Acute Demyelinating Encephalomyelitis in a Neonate Secondary to Dengue Infection. Razak A1, Nagesh NK., Indian Pediatr. 2015 Jun;52(6):534, Razak A, Nagesh NK. Caffeine therapy in term neonate with apnea. Accepted for publication Indian Pediatr 2015.
- Effect of supplementation with iron fortified biscuits on the hemoglobin status of children in rural areas of Shimoga, Karnataka., Bal D1, Nagesh K, Surendra HS, Chiradoni D, Gomathy G , Indian J Pediatr. 2015 Mar;82(3):253-9. doi: 10.1007/s12098-014-1483-7. Epub 2014 Jun 20.
- Morbidities in Neonates Delivered Electively at Early Term; Abdul Razak, Karthik N. Nagesh, Gayathri Karthik, Mrinal S. Pillai, and Pankaj Kumar Mohanty J Obstet Gynaecol India . 2016 Aug; 66(4): 248-251.
- Oral Paracetamol for Closure of Patent Ductus Arteriosus in Selected Preterm Neonates. Mohanty PK1 , Nagesh NK , Razak A , Indian Pediatr. 2016 Feb;53(2):171-2.
- When to Close Patent Ductus arteriosus, The Ideal Time and Rationale. Razak A1 , Nagesh NK , Indian Pediatr. 2016 Jan;53(1):78
- Keeping babies warm: a non-inferiority trial of a conductive thermal mattress. Bhat SR1 , Meng NF2 , Kumar K3 , Nagesh KN4 , Kawale A3 , Bhutani VK Arch Dis Child Fetal Neonatal Ed. 2015 Jul;100(4):F309-12. doi: 10.1136/archdischild-2014-306269. Epub 2015 Mar 19
- Mohanty PK, Razak A, Nagesh NK. Vasomotor instability in a preterm neonate causing hypotension and acrocynosis- Exaggeration of normal physiological phenomena? Journal of clinical Neonatology 2015;4(1):66-67.
- Puralingegowda AK, Mohanty PK , Nagesh NK. Neonatal intestinal obstruction secondary to a small bowel duplication cyst. BMJ Case Reports 07/2014; 2014. DOI: 10.1136/bcr-2014-204187.
- Venkatesh HA, Puralingegowda AK, Mohanty PK , Nagesh NK. Perinatal neuroblastoma: a hidden bullet in the chest. neuroblastoma: a hidden bullet in the chest. BMJ Case Reports 05/2014; 2014. DOI: 10.1136/bcr-2013-202350.
- Karthik Nagesh N, Singhal Mohit, "Patent ductus arteriosus-diagnosis and therapy", in Handbook of Neonatology, IAP Neonatology Chapter Publication 2013.
- Guest editor and Editorial Board Member, Journal of Neonatology 2013-2014.
- Co-Author on "Guidelines for Neonatal resuscitation devices- WHO Publication" 2013.
- Venkatesh HA, Raturi S, Karthik Nagesh N, Venkatagiri P. Use of Continuous Hemofiltration for the treatment of a Neonate with hyperammonemia secondary to argininosuccinate Lyase (ASAL) deficiency. Indian J Pediatr . 2013 Sep; 80(9):794-5.
- Venkatesh H.A, Karthik Nagesh N. Perinatal Neuroblastoma- A hidden bullet in the chest. BMJ Case reports, bcr-2013-202350
- Razak A, Mali V, Mohanty PK, Nagesh NK .Invasive Pulmonary Aspergillus Flavus Infection in a Term Neonate off- the-beaten-track. Journal of Neonatology 2013;27(2): 30-32.
- Razak A, Mohanty PK, Venkatesh HA, Nagesh NK Perinatal Dengue Infection: A review and possible role of immunoglobulin in treating newborn. Journal of Neonatology 2013;27(2):36-37.
- Razak A, Mohanty PK, Venkatesh HA, Venkatagiri P, Nagesh NK, S Mrinal Pillai MS Clinical profile of Neonatal Conjunctivitis from a tertiary level centre. Asian journal of Pediatrics and Neonatology 2013; 1:77-78.
- Venkatesh H.A. Karthik Nagesh N Liver failure in a Neonate- A devastating complication of sepsis. Asian Journal of Clinical Pediatrics and Neonatology, 2013
- Mohanty PK, Venkatesh HA, Nagesh NK, Razak A .Acute Liver failure in a neonate "A devastating

- complication of sepsis Asian journal of Pediatrics and Neonatology 2013;1:64-65.
- Use of continuous hemodiafiltration for the treatment of a neonate with hyperammonemia secondary to argininosuccinate lyase (ASAL) deficiency. Raturi S , Venkatesh IH , Nagesh NK , Venkatagiri P Indian J Pediatr. 2013 Sep;80(9):794-5.
 - Abdul Razak, N Karthik Nagesh, Snehal desai, Venkatesh H A. Inhaled Nitric oxide in neonates with severe hypoxic respiratory failure-Early Indian experience. Journal of neonatology. Vol-27, No. 2, April-June 2013: 1-3
 - Karthik Nagesh. N. Singhal M, "Ventilation â Basic Modes and Settings, Journal of Neonatology", July-Sept.2009.
 - S. Kumar, K. Nagesh, A. Sheno, H.A. Venkatesh ; Synchronised Mechanical Ventilation Vs Early Extubation To Nasal CPAP OR NIPPV After Early Surfactant Treatment In Preterms With RDS, Paper European Society of Paediatrics Research, Hamburg, Germany, Oct.2009.
 - Karthik Nagesh, Menezes M P. Birth Trauma. In Dr.S.T.Acharâs Textbook of Pediatrics. New edition.Ed: S.Rekha (2009).
 - Preparedness is our best bet to protect children from Covid-19 - Dr Karthik Nagesh, Consultant - Neonatology, Paediatrics, Manipal Hospital, Old Airport Road. [Click Here](#)
 - Pneumonia vaccine to be available at BBMP health centers soon - Dr Karthik Nagesh, neonatologist, Manipal Hospitals, Old Airport Road. [Click Here](#)
 - Birth Pangs-Dr Karthik Nagesh, Chairman Neonatology & NICU, Manipal Hospitals, Old Airport Road. [Click Here](#)
 - Innovations and technology transforming 'Neonatal baby care'- Dr Karthik Nagesh, Chairman Neonatology & NICU, Manipal Hospitals, Old Airport Road. [Click Here](#)
 - Dr. Manjiri Somasekhar, Dr. Karthik Nagesh and Dr. Shivakumar on In rare case, docs create vaginal tract in teenager | The Times of India. [Click Here](#)
 - Dr. Karthik Nagesh on Saving Newborns on Priority | Biospectrum.[Click Here](#)
 - Dr. Karthik Nagesh, Dr. Devanand N S, Dr. Lalchand H Bandagi on Emergency ECMO saves newborn I Bangalore Mirror [Click Here](#)
 - Dr Karthik Nagesh on "A Guide to Neonatal Care â Identifying Early Signs is Key " in THE WEEK [Click Here](#)
 - Manipal Hospitals launches MARS-NOW (Neonatal-care On Wheels): Largest Neonatal Transport Service in Bangalore | DH | TNIE | BM | The Hans India | Vijaya Karnataka | Prajavani | Udayavani | Kannada Prabha | Vistara News | Daily Salar. [Click Here](#)