

Curriculum Vitae

Dr Venkatesh Kairamkonda

MBBS, DCH, DNB, MD (India), MSc (UK), MRCP (UK), MRCPC (UK),
FRCPC (UK), MD (UK).

Consultant in Neonatal intensive Care (13 Years)

Neonatal clinical lead for IT, Quality improvement, Audit and Badgernet
Women's and Children's Directorate Clinical Audit Lead
Medical appraiser and Mentor for consultants and staff grade
Lecturer in Health Sciences in University of Leicester

University Hospitals of Leicester NHS Trust
Leicester Royal Infirmary
Infirmary Square, Leicester, LE5 1WW
United Kingdom

Personal Information

Name	Dr Venkatesh Kairamkonda
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Date of birth (Age)	14 April 1968 (50 yrs)
GMC. No	4600174

Qualifications and Education

MD (The University of Sheffield)	December 2012
MSc (MMedSci, University of Liverpool)	December 2006
FRCPCH (UK)	April 2006
MRCPCH (UK)	July 1998
MRCP (UK)	March 1998
MD (India)	December 1996
DNB (Diplomate of National Board, India)	August 1996
MBBS (India)	December 1995
DCH (Diploma in child health, India)	July 1995
Higher Secondary Certificate, St Xavier's College, India	1985 to 1987
Secondary School Certificate, Antonio De Souza School, India	1975 to 1985

CCST:	Paediatrics	5 th January 2005
Specialty:	Neonatal Medicine	5 th January 2005

Resuscitation Council (UK)

NLS Instructor	since April 2003
NLS provider	July 2002
EPLS/PALS Instructor	October 1999
APLS Provider	June 1999
Generic Instructor Course	March 1999
PALS Provider	October 1998

Prizes and Scholarships

1987 National merit scholarship for excellence in Higher Secondary Certificate, India.
 1985 Lions club award for excellence in Secondary School Certificate, India.

University of Leicester

Lecturer in Health Sciences in University of Leicester since 2015

Personal statement

I have been a full time tertiary neonatal consultant since 2005. I am clinical lead for electronic patient record and information and technology, clinical audit and clinical effectiveness, & Womens and Childrens divisional clinical audit lead and electronic patient record lead. I have been a Mentor and Appraiser for GMC revalidation for consultant and staff grade doctors since 2015.

I am a long standing member of directorate safety and quality board and IM&T providing leadership to many transformational projects in perinatal risk and digital working. I am trained in Egan's skilled helper model and take active role in UHL Mentoring programme and Appraiser for consultants and Staff grade doctors towards GMC revalidation. As a UHL panel member my contribution helped in UHL EPR procurement, EDRM project and UHL digital dictation system leading to contracts awarded to the right system to help with future e-hospital transformation project. Under my leadership the neonatal service has embraced digital working by moving to nationally managed Badgernet platform run on N3 network from previous standalone UHL neonatal electronic system. This has helped to replace dictations and paper based discharges to electronic patient records and discharge summaries. The patient clinical journey is now fully integrated into Badgernet in readiness to move to paperlite/paperless working in line with UHL e-hospital digital transformation project. My leadership in the setup and education and training of neonatal and support staff has enabled many parent friendly initiatives such as electronic baby diary for parents, Skype video sessions for parents unable to be next to their baby and digital signage of parent relevant informatics. Deployment of handheld devices and IPADS has improved patient management, clinical governance, departmental meetings, audit and research in addition to electronic handover and contemporaneous data entry. Working closely with local IMT for upgrades and hardware replacements has improved user experience. Since 2013 under my leadership the UHL neonatal service has achieved 95-100% data completion for national research through NNAP and NDAU including benchmarking data which helped improve our national profile. My favourite hobby is to automate my home environment using Raspberry pi and Arduino based projects. I have basic coding skills in python and experience in terminal, wordpress, Joomla and cloud computing. This experience and knowledge in IMT and computing and small transformational projects will enable me to provide leadership especially in process mapping to UHL e-hospital project and wider NHS information and technology transformation

Current Employment

01/03/05 to date	Consultant in Neonatal Intensive Care Unit	Leicester Royal Infirmary & Leicester General Hospital, Leicester
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Previous Employment (UK)

Higher Specialist Training in Neonatal medicine

<u>06/09/04 to 28/02/05 (6 months)</u>	SpR in cardiology and paediatric intensive care unit	Glenfield Hospital, Leicester
<u>01/09/03 to 05/09/04 (12 months)</u>	SpR in neonatal medicine	Leicester Royal Infirmary, Leicester
<u>01/09/02 to 31/08/03 (12 months)</u>	SpR in neonatal medicine	Jessop wing, Royal Hallamshire Hospital, Sheffield
<u>01/03/01 to 04/09/01 (6 months)</u>	SpR in neonatal medicine	Liverpool Women's & University Hospital Aintree, Liverpool
<u>05/09/01 to 05/03/02 (6 months)</u>	SpR in paediatric intensive care unit	Alder Hey Children's Hospital, Liverpool

Core Specialist Registrar Training

<u>06/03/02 to 31/08/02 (6 months)</u>	SpR in community & general paediatrics	Countess of Chester Hospital, Chester
<u>01/09/00 to 28/02/01 (6 months)</u>	SpR in gastroenterology and metabolic medicine	Alder Hey Children's Hospital, Liverpool
<u>01/09/99 to 31/08/00 (12 months)</u>	SpR in general & community paediatrics & neonatal medicine	Leighton Hospital, Crewe
<u>04/08/98 to 02/02/99 (6 months)</u>	Clinical fellow in paediatric intensive care unit	Alder Hey Children's Hospital, Liverpool
<u>03/12/97 to 31/07/98 (8 months)</u>	Registrar in general paediatrics & neonatal medicine	Crawley Hospital & Princess Royal Hospital, Haywards Heath

General Paediatric Training

<u>03/02/99 to 03/08/99 (6 months)</u>	SHO in neonatal medicine	Liverpool Women's & University Hospital Aintree, Liverpool
<u>04/06/97 to 02/12/97 (6 months)</u>	SHO in general paediatrics & neonatal medicine	Princess Royal Hospital, Haywards Heath
<u>04/12/96 to 03/06/97 (6 months)</u>	SHO in general paediatrics & neonatal medicine	Crawley Hospital, West Sussex

Previous Experience (India)

04/09/96 to 14/11/96 (2 months)	Assistant medical officer	King Edward Memorial Hospital, Bombay
01/03/96 to 31/07/96 (5 months)	Registrar in general paediatrics & paediatric intensive care unit	K B Bhabha Hospital, Bombay
01/08/94 to 29/02/96 (19 months)	Registrar in general paediatrics & neonatal medicine	King Edward Memorial Hospital, Bombay
01/02/93 to 31/07/94 (18 months)	SHO in neonatal medicine, PICU & general paediatrics	King Edward Memorial & B J W Children's Hospital, Bombay

Affiliation to Learned Societies

- Royal College of Paediatrics and Child Health
- British Association of Perinatal Medicine
- The Neonatal Society

Information Technology (IT) and Neonatal data collection system (Badgernet)

I am the clinical lead for IT and electronic patient records called Badgernet for the neonatal intensive care units at UHL since 2005. I am leading the way at UHL to deliver paperlite working in the neonatal intensive care units at Leicester Royal Infirmary and Leicester General Hospital. These projects involved extensive IT infrastructure setup and business continuity plans in addition to training 120 nurses and 30 doctors each 6-month cycle. I am currently providing leadership to parent friendly initiatives through digital innovations such digital signage screens, skype video conference for parents who cannot visit their baby, Baby diary for online reporting and photo upload using mobile apps, and parent feedback using IPADS. These innovations are driven by motivating staff and doctors through reward schemes and mentoring.

Quality Improvement and Audit

As the lead consultant for quality improvements and audits at the Leicester neonatal units I have supervised teams consisting of SHO's, Spr's, ANNP's, Nurses and Dieticians to complete at least 12 audits per year using PLAN-DO-CHECK-ACT model. I have maintained liaison with the local CASE team and achieved necessary audit standards for CNST. I have encouraged all neonatal and obstetric staff to take part in audits by organizing biannual audit presentations for the best audit prize. Audits incorporating "root cause analysis" model has been widely adopted at UHL and have been awarded prizes and certificates for achieving excellence and innovation in quality improvement.

Research experience

I have used sound research methodology, formulated ethical and funding applications and used statistical packages (SPSS, Medcalc and Excel) in my research projects. I have experience in ELISA and paediatric lung function test. I have actively participated in many local, national and international research projects. I have supported the junior medical and nursing staff in the initiation and completion of research projects. I am currently neonatal principle investigator for Pfizer funded “Sildenafil study” and have personally recruited all the patients achieving 300% to target and ongoing.

Publications

Original research

- V Kairamkonda et al. Amylin peptide levels are raised in infants of diabetic mothers. Arch Dis Child 2005; 90: 1279-82
- V Kairamkonda et al. Amylin peptide is increased in preterm neonates with feed intolerance. Arch Dis Child Fetal Neonatal Ed. 2008 Jul;93(4):F265-70.
- V Kairamkonda et al. Lung function measurement in prematurely born preschool children with and without chronic lung disease. J Perinatol. 2008 Mar;28(3):199-204.
- Patel P, Tanna S, Mulla H, Kairamkonda V, et al. Dexamethasone quantification in dried blood spot samples using LC-MS: The potential for application to neonatal pharmacokinetic studies. J Chromatogr B Analyt Technol Biomed Life Sci. 2010 Dec 1;878(31):3277-82
- Hussain A, Kairamkonda V, Jenkins. Successful treatment of meticillin-resistant Staphylococcus aureus bacteraemia in a neonate using daptomycin. J Med Microbiol. 2011 Mar;60(Pt 3):381-3.
- Patel P, Mulla H, Kairamkonda V, et al. Dried blood spots and sparse sampling: a practical approach to estimating pharmacokinetic parameters of caffeine in preterm infants. Br J Clin Pharmacol. 2013 Mar;75(3):805-13
- Tang JW, Holmes CW, Elsanousi FA, Patel A, Adam F, Speight R, Shenoy S, Bronnert D, Stiefel G, Sundaram P, Pande S, Sridhar A, **Kairamkonda V**, Bandi S. Cluster of human parechovirus infections as the predominant cause of sepsis in neonates and infants, Leicester, United Kingdom, 8 May to 2 August 2016. Euro Surveill. 2016 Aug 25; 21(34).

Reviews

- V Kairamkonda. Does continuous insulin infusion improve glycaemic control and nutrition in hyperglycaemic very low birth weight infants? Arch Dis Child 2006; 91: 76-79
- V Kairamkonda et al. Controversies in the management of hyperglycemia in the ELBW infant. Indian Pediatr. 2008 Jan;45(1):29-38. Review.
- V Kairamkonda et al. Iatrogenic malnutrition in neonatal intensive care units: urgent need to modify practice. JPEN J Parenter Enteral Nutr. 2008 Mar-Apr;32(2):140-4.

Case reports and case series

- V Kairamkonda et al. Perforated duodenal ulcer disclosing medium-chain acyl-CoA dehydrogenase deficiency. Arch Dis Child 2003; 88(1): 88-89

- V Kairamkonda et al. Tracheal bronchus associated with VACTERL. Eur J Pediatr 2003; 162(3): 165-7.
- V Kairamkonda. A rare cause of chylo-pneumothorax in a preterm neonate. In press: Indian J Med Sci.
- V Kairamkonda et al. Unusual presentation of three siblings with familial heterozygous hypobetalipoproteinaemia. Eur J Pediatr 2003; 162(3): 129-31
- V Kairamkonda. Amplitude integrated electroencephalography in pyridoxine dependent epilepsy. Submitted to Eur J Pediatr

BestBETs (Best evidence topics)

The following best evidence topics have been published at www.bestbets.org

- The role of prophylactic indomethacin in extremely low birth weight infants.
- Does insulin infusion improve glycaemic control and caloric intake in hyperglycaemic VLBW preterm infants?
- Do polyethylene wraps achieve temperature control in preterm infants in delivery room?
- Is newborn resuscitation in 21% air associated with adverse neurodevelopment?
- Does prone position improve oxygenation in infants needing respiratory support?
- Does palivizumab prevent serious respiratory syncytial virus infection in bronchopulmonary dysplasia infants?

Books and Chapters

- Nursing the Neonate, second edition Chapter 8. Respiratory difficulties and ventilator support Chapter 11. Nursing Newborn babies with congenital heart disease

Abstracts/Posters

- V Kairamkonda. Amylin peptide is raised in preterm neonates with feeding intolerance. In Press: Early Hum Dev 2007
- V Kairamkonda. Management of neonatal hyperglycemia: glucose restriction is still in vogue. Europediatrics congress 2006, Barcelona, October 2006
- V Kairamkonda. A survey of neonatal parenteral nutrition prescription in England, Scotland and Wales. Europediatrics congress 2006, Barcelona, October 2006
- V Kairamkonda. Umbilical cord amylin is raised in infants of diabetic mothers. European society of paediatrics and neonatal intensive care, London, September 2004 congress.
- V Kairamkonda. Measurement of airway resistance using the interrupter technique (Rint) in preschool children with bronchopulmonary dysplasia. European Respiratory Society, Glasgow, September 2004 congress

Management & Strategic responsibilities

The last 13 years of consultant experience in two busy neonatal intensive care units has given me immense insight and confidence in the working and management of the neonatal department. I have contributed to the development of the neonatal services at Leicester Royal Infirmary and Leicester General Hospital in direct clinical care, outpatient follow-up, neonatal echocardiography, education, research, audit, risk management, Badger database, appraisal and assessment of junior doctors and newborn life support courses. I have represented the neonatal directorate in the monthly perinatal risk management meetings and 3 monthly trust transfusion meetings.

I have led the IT developments for the Women's and Children's directorate and contributed towards transformational projects such as electronic handovers, mobile computing for community midwives, ad-hoc and annual reporting, business continuity plans during IT hardware and software upgrades. I was appointed to directorate EPR lead to drive paperless working for the whole directorate in line with UHL strategy. I plan to provide further leadership to UHL e-hospital project through active contribution to the IMT project board meetings.

I was appointed to UHL panel to help procure EPR and digital dictation systems. These tasks were delivered successfully through previous experience and market opinion of the medical systems. I also contributed to UHL EDRM business continuity plans and strategy.

I am currently invited to UHL e-medchart project to deliver e-prescribing in line with e-hospital project. This is based on the existing work to deliver paperlite neonatal working through Badgernet.

I am appraising senior consultants and staff grade doctors towards their revalidation. I have extensive experience of mentoring clinicians using Egan's skilled helper model.

Computer skills

I feel at ease with the various IM & T advances and would welcome the technological changes necessary to modernize the neonatal services. I have advanced skills in daily use of computers for documentation and communications with colleagues. I am proficient in Microsoft Word, Microsoft Excel, Microsoft Powerpoint and SPSS and Medcalc for Windows statistical software packages. I have experience in the design of a database for current research project using Microsoft Access and data analysis tools. I regularly provide ad-hoc reports and annual report through existing Badgernet tools and third-party tools such as Business Objects.

Personal interests and attributes

I relax from everyday stresses by yoga. I enjoy cooking, walking and travel. I take interest in cricket and football. I am efficient manager and team player with good communication and interpersonal skills. I have extensive collection of hardware for Arduino and Raspberry pi-based projects. I am learning Python and C programming language to help develop transferrable skills

for my children's education and hospital projects. I also have web publishing skills using Wordpress and Joomla tools.

Languages other than English

I am at ease in the present multiethnic and multicultural environment due to my wide understanding of religions and cultures. I am proficient in Hindi, Marathi, Telugu and Urdu. I can understand Gujrati.