

GENERAL INFORMATION ABOUT THE DEPARTMENT

DEPARTMENT OF PAEDIATRICS, BMCRI :

Vani Vilas Children's Hospital : The history of Vani Vilas Children's hospital dates back to the early 20th century when philanthropist Dharma Parayana Venkatamunaih Setty Lakshmiddevamma donated funds for the establishment of the hospital. The hospital was inaugurated in the presence of his holiness Sri Krishnaraja Wodeyar on March 8th 1935. The Department of Paediatrics in Vani Vilas children's Hospital was established by the renowned Pediatrician Dr. D.G.Benakappa in the year 1963, ably supported by the Government of Karnataka and assisted by honorary consultant Dr. Behanan, Dr.Chandrashekar, Dr.Hilda Koillipillai and Dr. N.M.Thimmarayappa. The New children's block was inaugurated on 10-12-1964 by S. Nijalingappa , CM of Mysore and Dr. K. Nagappa Alva, Minister of Health. Presently the heritage building houses the 18 – bedded Paediatric intensive care unit, Paediatric emergency ward, Gastroenteritis ward, Isolation ward, Thalassemia ward, Paediatric General wards, State of art Nutrition Rehabilitation Centre(Centre of Excellence) and District Early Intervention Centre. The newer OPD block has Paediatric OPD, Specialty clinics (Paed Nephrology, Neurology, cardiology, TB, Asthma, Endocrine, High risk follow up) and Immunization clinic. The department offers fellowship in Perinatal medicine and Paediatric Intensive Care. The department is currently headed by Prof.Dr.Mallesha.Kariyappa, MD, DNB,DM (Cardiology).

Milestones in Neonatology : In the 1960's there was no neonatal intensive care unit and neonates were under the care of obstetricians. In 1967 the premature baby ward was started with 6 beds and with the help of Dr. Ratna Bai Morey, the then superintendent of VVH, an 18 bedded neonatal ward was established. This was the second neonatal unit in the state. After the visit of Dr. Byle

Corner Neonatologist from UK the unit was upgraded. In the year 1986, WHO gifted equipment's to the neonatal ward when Dr.D.G Benakappa was superintendent of VVH. Late Dr. H. Manohar who was trained in UK was posted as Prof of neonatology in 1975.From 1980 onwards there was a leap in the development of neonatology with the visit of Prof. D. Vidyasagar form University Of Illinois, Chicago. Not only he donated equipments, but also helped in overseas training of faculty. Regular visits from neonatologists like Dr. Rama Bhat, Dr. Tonse Raju and Rajam Ramamurthy, extraordinary progress was made. Dr. Asha Benakappa underwent leadership training in Neonatology in 1989 and was instrumental in setting up the Newborn OPD , Lactation clinic(1992) and Kangaroo mother care ward(2010).The present level 50 bedded level III NICU consists of 3 Neonatal units with state of the art facilities, also offers fellowship in Perinatal Medicine under the guidance of Prof.Dr.Sahana Devadas, Neonatologist, co-ordinator for the fellowship program.

Medical Education : In 1954, late Dr. Sampath Loganathan was posted as the first pediatrician of Vani villas hospital. In 1957 undergraduate training program was started. Late DR.P.C.Bopaiah took charge as Professor and HOD of pediatrics. A post of Associate Professor of Pediatrics was created at Bangalore Medical College during the year 1963 for the first time based on BHATIA commission report. The first batch of Diploma in Child Health was started during the year 1968 with four students and MD course was started in 1972 with four seats. The previous HODs who deserve special mention for their tremendous contribution over the years include - Dr. Sampath loganathan, Dr. P.C. Bopaiah, Dr. D.G. Benakappa, Dr. K.G. Suresh, Dr. M. Jayaram, Dr. D.B. Meundi, Dr. C.S. Kamala, Dr. Sharanappa, Dr. Shivananda, Dr. P.M. Shetty, Dr. M.L. Siddaraju, Dr. Gangadhar B Belavadi, Dr.Asha Benakappa, Dr.Premalatha.R, Dr. Sarala Sabapathy.

Presently the Department of Paediatrics has 19 MD seats per year and has 3 professors, 3 Associate Professors, 9 Assistant Professors and 7 Senior Residents.

Medical Research : The department has made steady progress with research and publications with active involvement of all faculty and postgraduates, a culture instilled by Prof.Asha Benakappa and Prof. Mallesh Kariyappa. The department has a vision to begin a state of art PICU, expand existing NICU, improve the sub-specialties by empowering faculty with skill development and aims to scale new heights in the field of research.

Teaching faculty

Sl. No	Name	Qualification	Designation
1.	Dr.Mallesh Kariyappa	MD, DNB, DM (cardiology)	Professor and Head of the Department
2.	Dr.Sahana Devadas	MD, Fellowship in Perinatal Medicine	Professor
3.	Dr.Lakshmi M	MD	Professor

4.	Dr.Dhanalakshmi K	MD	Associate Professor
5.	Dr.Gayathri Devi C	MD	Associate Professor
6.	Dr.C.N. Reddy	DCH, MD	Associate Professor
7.	Dr.Anjan Murthy	DCH, MD	Assistant Professor
8.	Dr.Dakshayani B	MD	Assistant Professor
9.	Dr.Anil Kumar H	Md, Fellowship in Paediatric Nephrology	Assistant Professor
10.	Dr.Shivaprakash Sosale	MD	Assistant Professor
11.	Dr.Sushma Veranna Sajjan	MD, Fellowship in Paediatric Neurology	Assistant Professor
12.	Dr.Anitha K	MD	Assistant Professor

13.	Dr.Kalpana R Y	DCH, DNB, Fellowship in Neurology	Assistant Professor
14.	Dr.Shilpa K L	MD	Assistant Professor
15.	Dr.Ravichandra K R	MD	Assistant Professor
16.	Dr.Gangadharaiah S.V.	DCH	Senior Resident
17.	Dr.Suresh M.N.K	DCH, MD	Senior Resident
18.	Dr.Shivanna	DCH	Senior Resident
19.	Dr.Sujatha P	DCH	Senior Resident
20.	Dr.Prashanth	MD	Senior Resident
21.	Dr.Lakshmi Kamat	MD	Senior Resident
22.	Dr.Nagadarshini	MD	Senior Resident

SERVICES OFFERED BY THE DEPARTMENT

Sl. No.	Programmes/Services	Concerned staff	Time/Period
1.	Nutrition Rehabilitation Centre (Aug 2012)	Dr.Dakshayani	
2.	Paediatric Nephrology	Dr.Anil Kumar H	
3.	Developmental Clinic , District Early intervention Centre	Dr.Gayathri Devi C	
4.	Paediatric Neurology	Dr.Sushma V Sajjan Dr.Kalpana R Y	
5.	Respiratory/ Asthma Clinic	Dr.Gayathri Devi C	
6.	High Risk follow up Clinic	Dr.Sahana Devadas	
7.	Paediatric Cardiology	Dr.Mallesh K	
8.	Hematology / Thalassemia Clinic	Dr.Dhanalakshmi K	
23.	State center of excellence in integrated management of SAM – Sept 2019	Dr.Dakshayani B	

24.	Immunization clinic	Dr.Sujatha P	
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ACADEMIC ACTIVITIES - Teaching programme

DEPARTMENT OF PAEDIATRICS		
Sl. No	UG (numbers/--month)	PG (numbers/--month)
Theory classes	15	10
Practical classes	15	20
Seminars	-	6
Journal club	-	4
Guest lectures	-	2
Case presentations	20	20
Any others (Specify)		

RESEARCH ACTIVITIES

Research Projects—2019, 2020 (ongoing)

Sl. no	Title of the project	Name & Designation of the Principal investigator
1.	Rota Virus vaccine multicentric trial	PI - Dr.Sarala Sabapathy, Professor Dr.Mallesha K, Professor and HOD
2.	PREVENT trial – multicentric trial	PI – Dr Geetha Shivamurthy, Professor and MS of VVH Dr.Savitha, Professor and HOD of OBG; Co-PI : Dr.Mallesha K, Professor and HOD, Dr.Sahana Devadas, Professor

PUBLICATIONS OF FACULTY AND STUDENTS 2019, 2020

Sl. No	Publication in Vancouver style	National/ International
1.	Patil, R., M., PS, C., AT, P., V Rane, V. and Sabapathy, S., 2020. Accidental Ingestion of Dapsone in Children - A Case Report Experienced in Government Tertiary Care Hospital. Acta Scientific Paediatrics, 3(3), pp.01-04.	International
2.	Patil R, P M, Reddy PS C, , K, Shetty N, Sabapathy S. Risperidone Overdose with Acute Dystonia in Children - A Case Report. Acta Scientific Paediatrics. 2020;3(7):61-63.	International
3	Kariyappa M, Shivarudrappa S. N terminal pro brain natriuretic peptide as a marker of myocardial asphyxia dysfunction in newborns with perinatal asphyxia. Int J Contemp paediatrics. 2020;7	International
4	Malles K, Sabapathy S , Patil R , Shetty N. Clinicopathological profile of rickettsial fever in tertiary healthcare centre: a prospective case study . Int J Contemp Pediatrics2020;7:1003-7	International

5	Shetty N, Sabapathy S, Mallesh K. Utility of lung ultrasound in childhood pneumonia in a tertiary care centre.int J Contemp pediatrics2020;7: 1237-42	International
6	Devadas S , Roshni R, Mallesh K. A randomised control trial comparing the efficacy of cord milking over the delayed cord clamping on serum ferritin level in preterm neonates at 6 weeks of age .int J Contemp Pediatr.2020 May ; 7	International
7	Patil R, Chikkanarasareddy PS, Mallesh K. Plasma lactate levels and lactate clearance as predictors of outcome in patients with sepsis and septic shock . Int J Contemp Pediatr 2020;7: 1213-7	International
8	Kumble D, Rane V, Sabapathy S, Mallesh K. Clinical profile of adolescent tuberculosis- a prospective study. GJRA2020;62-65	International
9	Shashidhara VS, Kumar AH, Mallesh K. Study of paediatric systemic lupus erythematosus in tertiary care center in South India. Int J Contemp Pediatr.2020 May;7(5)	International

10	Chinnappa GD, Venugopal S,Varadarajan M, Kariyappa M, Smitha R. Nutritional status and growth of children with Hemophilia: a cross sectional study. Int J Contemp Pediatr2020;7:1232-6	International
11	Venugopal S, Devadas S, Yashwant M. A rare case of Kunze Riehm syndrome in a neonate .Int J Contemp Pediatr2020 May;7(5)	International
12	Kommalur, Anitha & Devadas, Sahana & Kariyappa, Mallesh & Sabapathy, Sarala & Benakappa, Asha & Gagandeep, Vijayalaxmi & Sajjan, Sushma & Lakshminarayana, Shilpa & Dakshayani, B & Chinnappa, Gayathri. (2019). Newborn Screening for Five Conditions in a Tertiary Care Government Hospital in Bengaluru, South India-Three Years Experience. Journal of tropical pediatrics. 66. 10.1093/tropej/fmz067.	International

13	B., Dakshayani & P., Divyashree & Sabapathi, Sarala & Kariyappa, Mallesh. (2019). Changes in serum phosphorous level during inpatient treatment of children with severe acute malnutrition. International Journal of Contemporary Pediatrics. 6. 1080. 10.18203/2349-3291.ijcp20191478.	International
14	Devadas, Sahana & R., Ranjitha & Sabapathy, Sarala & Kariyappa, Mallesh. (2019). Clinical profile of hypernatremia in exclusively breast-fed neonates. International Journal of Contemporary Pediatrics. 6. 10.18203/2349-3291.ijcp20191490.	International
15	H., Anil & Kariyappa, Mallesh & N., Vinutha. (2017). Clinico-epidemiological profile of snake bite in children in a tertiary care centre: a hospital based study. International Journal of Contemporary Pediatrics. 5. 124. 10.18203/2349-3291.ijcp20175572.	International
16.	Sahana Devadas, Rashmi Patil, Sarala Sabapathy, Shivaprakash Sosale, Shilpa Krishnapura Lakshminarayana. Adams–Oliver Syndrome With an Encephalocele. Perinatology, 21, 1, Apr–Jun 2020.	International

CONFERENCE PRESENTATIONS OF 2019, 2020

Sl. No	Title of the presentation	Name & Designation of the Presenter	Details of the conference
1.	Study of clinical profile and outcome of perinatal asphyxia in a tertiary care centre.	Dr Megha P , Post graduate	KARNEOCON 2020
2.	Outcome of surfactant therapy in premature newborns in NICU of VaniVilas hospital, Bengaluru	Dr Niharika	KARNEOCON 2019
3.	Meckel-Gruber syndrome , case report	Dr Niharika	KARNEOCON 2019
4.	Infant of diabetic mother with situs inversus totalis , case report	Dr Niharika	KARNEOCON 2019
5.	Waardenburg syndrome	Dr Roshni	KARNEOCON 2019

6.	Current status of neonatal transport in a tertiary health care center	Dr Roshni	KARNEOCON 2019
7.	A rare case of Kunze - Richmond syndrome	Dr Venugopal	KARNEOCON 2019
8.	OP compound induced delayed polyneuropathy	Dr Venugopal	State neurology conference 2019
9.	Demographic,clinical features and outcome of children with ITS in a tertiary care center	Dr Venugopal	State neurology conference 2019
10.	Profile and outcome of Hydrocephalus - a case series	Dr Rashmi	State neurology conference 2019
11.	Clinicopathological profile of Rickettsial fever in Tertiary health care centre- a prospective case study	Dr Rashmi	State ID conference 2019
12.	Type 3 SMA	Dr Sandesh	State neurology conference 2019
13.	Troponin I in newborns with perinatal asphyxia	Dr Sandesh	KARNEOCON 2019

14.	Case report of Tuberous sclerosis	Dr Shilpa	KARNEOCON 2020
15.	Clinical profile of poisoning in adolescents in tertiary care hospital	Dr Bhanuprakash	National level conference by IAS 2019
16.	Profile of CNS manifestation in AEFI and its outcome	Dr Sowmya	State Neurology conference 2019
17.	Congenital pulmonary airway malformation, case report	Dr Bhanuprakash	KARNEOCON 2020
18.	Spectrum of congenital anomalies and associated risk factors in a tertiary care centre - poster presentation	Dr Sneha	KARNEOCON 2020
19.	Neonate of leprotic mother – poster	Dr Viji	NEOCON IAP
20.	Screen time below 2 years – paper presentation	Dr.Bhagya	State Pedicon 2020

21.	Antibiotic stewardship in NICU – A Quality improvement initiative.	Dr.Anitha K	Prof. Dr. Armida Fernandes best poster award at IAP NEOCON 2019, National conference.
22.	Dyke Davidoff Mason Syndrome – Case report	Dr.Nandini	State Neurology conference 2019
23.	Myotonia Congenita	Dr.Niharika	State Neurology conference 2019
24.	Study of clinical and Laboratory Profile in infants with infantile tremor syndrome in a tertiary care centre	Dr.Venugopal ;	State Neurology conference 2019
25.	Profile and Outcome of CNS TB in a tertiary care centre	Dr.Ashwini Malladad	State Neurology conference 2019
26.	Multiple Cranial nerve palsies	Dr.Bhagyavat hi	State Neurology conference 2019

27.	Training of First responder Health care professionals in trans disciplinary care for cerebral palsy- Impact on knowledge and attitude	Dr.Gayatri Devi C	State neurology conference 2019
28.	Correlation of oxygenation index and Saturation oxygen pressure index in ventilated neonates	Dr. Megha P	IAP NEOCON 2019

UG RESEARCH PROJECTS AND PRESENTATIONS

Sl No	Student's name	Guide	Project	Presentation
1.	Pragyan	Dr.Shilpa K L	Reduction in hypothermia at admission in neonates – QI; Funded by the Indian Academy of Paediatrics	a. First prize – best paper award in state Neocon 2019.

				<p>b. Poster presentation – Use of Kangaroo transportation in improving admission temperature in neonates admitted to NICU.</p>
2.	Pihu Arora	Dr.Anitha K	<p>Quality improvement initiative for improving the duration of Kangaroo mother care in twin preterm neonates; Funded by the Indian Academy of Paediatrics</p>	<p>First prize – award paper presentation in National KMC conference, Jaipur, 2019.</p>

3.	Akshay Bandi	Dr.Kalpna RY	a) Undergraduate Case presentation competition at Goa Medical College and M.S.Ramaiah Medical college – Case of SMA b) Case presentation competition at St.John’s Medical College – case of Myotonia Congenita	First prize
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**CME / WORKSHOPS CONDUCTED BY THE DEPARTMENT IN 2019,
2020**

Sl. no	Title	Date	Level (regional/national/ international)	Credit points
1.	Neonatal Ventilation workshop	15.06.2019	BMCRI college level	
2.	Quality improvement workshop	31.07.2019	BMCRI college level	
3.	PICNIC – paediatric infection control workshop	19.07.2019	State	
4.	Paediatric Intensive Post graduate teaching program	15.03.2020	National	
5.	SNCU – FBNC training program	6 monthly	State	

6.	NRC – TOT program	6 monthly	State	
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Conferences conducted by the department in 2019, 2020

Sl. no	Title	Date	Level (regional/national/ international)	Credit points
1.	Webinar on maternal and child nutrition	23.10.2020	National	