



Dr Raghavendra N. Vanaki

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Date of Birth: 13/07/1978

Nationality: Indian

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Professional Summary:

- Consultant Pediatrician & Intensivist trained in Chennai and currently serving in North Karnataka, India and serving as active teacher, guide for the trainee residents of Department of Pediatrics
- Experienced in Pediatric Intensive Care, Pediatric tropical diseases, Critical care transport, and Low cost Acute Peritoneal dialysis and keenly involved in research in resource limited settings.

Education:**1. Indian Diploma in Pediatric Critical Care Medicine**

College of Pediatric Critical Care, India, 2009

www.collegeofpediatriccriticalcare.org

2. Doctor of Medicine (MD Pediatrics)

Rajiv Gandhi University of Health Sciences, Bengaluru, India, 2007

www.rguhs.ac.in

3. Bachelor of Medicine & Bachelor of Surgery (MBBS)

Rajiv Gandhi University of Health Sciences, Bengaluru, India, 2001

www.rguhs.ac.in

Teaching Experience:

S.No	Designation	Hospital	Period
1	Senior Resident Department of Pediatrics	S.N.Medical College & HSK Hospital , Bagalkot	June 2007- December 2007
2	Assistant Professor, Department of Pediatrics	S.N.Medical College & HSK Hospital , Bagalkot	January 2010 to June 2015
3	Associate Professor, Department of Pediatrics	S.N.Medical College & HSK Hospital , Bagalkot	June 2015 to December 2020
4	Professor, Department of Pediatrics	S.N.Medical College & HSK Hospital , Bagalkot	Jan 2021 to till date

Professional Experience:

1. Consultant Pediatrician & Intensivist, Professor

Department of Pediatrics, S.N.Medical College & HSK Hospital

Bagalkot-587103, India.

www.snmcbgk.in

2. Consultant Pediatrician & Intensivist, Kerudi hospital & Research centre

Bagalkot-587101, India

From July 2021 to till Date

3. Consultant Pediatrician & Intensivist, Shakuntala hospital & Research centre

Bagalkot-587101, India

From September 2018 till June 2021

4. Consultant Pediatrician & Intensivist, Dhanush hospital & Research centre

Bagalkot-587101, India

From February 2010 to August 2018

5. Registrar, PICU at Apollo Children's hospital, Chennai

From December 2008 to December 2009

www.apollohospitals.com

6. Registrar, PICU at Dr Mehta's hospital, Chennai

From December 2007 to December 2008

www.mehtahospital.com

Academic Activities:

Editorial services provided to medical journal:

- **Executive member of Editorial Board of Journal of Pediatric Critical Care** (2018-till date), an official international and open access journal of Indian Academy of Pediatrics, indexed and peer reviewed bimonthly journal.

www.jpcc.in

- **Reviewer for the following indexed journals –**
 - **Journal of Clinical and Diagnostic Research:** peer reviewed, indexed International monthly journal
 - **Journal of The Scientific Society:** peer reviewed, indexed thrice a yearly journal
 - **Indian Journal of Critical Care Medicine**
 - **Frontiers in Pediatrics (Critical Care Section)**

Editorial Services provided to Medical book:

- Section Editor, (Metabolic & Endocrinal system) for IAP Textbook of Pediatric ICU protocols. (3rd edition, Indian Academy of Pediatrics, February 2019)

Contributions to Textbooks as Author:

- Contributed as Author, for two chapters (Bronchiolitis, Emphyema Thoracis) for the **Manual of Pediatric Emergency and Critical Care**, by Dr Suchitra Ranjith. (2nd Edition, 2010, Paras Publishers)
- Contributed as Author, for three chapters (Hypoglycemia, Acute Adrenal Insufficiency in critically ill child, SIADH) for the **IAP Textbook of Pediatric ICU protocols**, by Indian Academy of Pediatrics. (3rd Edition, 2019, Jaypee Publishers)

Contributions to Clinical Research & Bio-ethics:

- Worked as ‘Co-Investigator’ at Mehta Hospital/, Chennai (2008-2009) for Study on ‘Clopidogrel in Infants with Systemic-to-Pulmonary-Artery shunts’ a multicenter, double-blind, event-driven trial.
(N Engl J Med 2013; 368:2377-2384)

Scientific Publications:

1. Pol RR , Vanaki R, Pol, M. The clinical profile and the efficacy of prazosin in scorpion sting envenomation in children of North Karnataka (India). Journal of Clinical and Diagnostic Research. 2011;5: 456-458.

2. Hatti RB, Hosalli VB, Vanaki RN, Patil DH. A case of complete transection of right main bronchus in a child: Role of thoracoscopy and bronchoscopy. *J Minim Access Surg.* 2013;9(3):136-137. doi:10.4103/0972-9941.115379
3. Hatti RB, Badakali AV, Vanaki RN, Samalad VM. McKusick kaufman Syndrome (MKKS), *International Journal of Neonatal Surgery* 2013 :2(1):11-13
4. Pol Ramesh R, Vanaki RN, B.C Yelamali, Hongal G. Acute renal failure secondary to massive honey bee stings. *Medica innovatica* 2015; 4(1): 57-61
5. Pol RR, Vanaki RN, Yelamali BC, Badakali AV. Pattern of muco-cutaneous manifestations in HIV infected children at tertiary care hospital , north Karnataka , India. 2015;2(4):419–23.
6. Pol Ramesh R, Vanaki RN, Pol Manswini R. Pattern of radiological findings in HIV infected children. *Medica innovatica.* 2014;3 (1) :30-33.
7. Rajshekhar CS, Vanaki R, Badakali A V, Pol RR, Yelamali BC. Efficacy of vitamin D supplementation in the treatment of severe pneumonia in children aged less than five years. 2016;3(1):96–9.
8. Bandi C, Vanaki R, Badakali AV, Pol RR, Yelamali B Predictive Value of Total Serum Bilirubin within 6 Hour of Birth for the Development of Hyperbilirubinemia After 72 hours of Birth..*J Clin Diagn Res.* 2016 Sep;10(9):SC01-SC04.
9. Adusumilli G, Pol RR, Yelamali BC, Vanaki RN, Badakali AV. Clinical spectrum and therapeutic challenges of foreign body aspiration in children: an observational study. *J Pediatr Crit Care* 2017;4(4):106-110
10. Vanaki R. Contrast Induced Nephropathy in ICU settings. *J Pediatr Crit Care* 2018;5(2):47-50.
11. Vanaki R. Rahiman S. Source Control in septic shock. *J Pediatr Crit Care* 2018;5(5):79-81.
12. Diwanmal SB, Dharmayat SR, Biradi MK, Vanaki RN, Pol RR, Yelamali BC. Predicting the effectiveness of Test of Infant Motor Performance as an early marker of motor development delay in preterm infants. *J Pediatr Res.* 2017;4(09):572-579. doi:10.17511/ijpr.2017.i09.06.
13. Lalitha AV, Fassel B, Gist RE, et al. 2019 WACEM - Academic College of Emergency Experts Consensus Recommendations on Admission Criteria to Pediatric Intensive Care

Unit from the Emergency Departments in India. *J Emerg Trauma Shock*. 2019;12(2):155-162. doi:10.4103/JETS.JETS_140_18

14. Kumar AMK, Badakali AV, Mirji G, Vanaki RN, Pol R. Clinical profile and outcome of acute lower respiratory tract infection in children aged between 2 months to 5 years. *Int J Contemp Pediatr* 2017;4:105-9
15. Kumar SM, Pattar R, Yelamali BC, Pol R, Vanaki R, Talwar K, et al. Clinical spectrum and outcome of dehydration fever in term healthy neonates-a teaching hospital based prospective study. *Med Innov* 2017;6:20-3
16. Talwar K, Pattar R, Yelamali B, Vanaki R. Efficacy of Indigenous Bubble CPAP in Neonates with Respiratory Distress. *Asian J. Clin. Pediatr. Neonatol.* 2019;7(3):06-08.
17. Ujwal MV, Pol RR, Vanaki R, Yelamali BC, Badakali AV, Resurgence of diphtheria in rural north Karnataka: Clinical profile and outcome, *Int J Med Paediatr Oncol* 2019;5(1):17-20.
18. Vanaki RN, Diwanmal SB, Pol RR, Yelamali BC, Kulkarni MR, Brahmandbherimath SV. Acute necrotizing encephalopathy of childhood: an under-recognized and diverse clinico-radiological syndrome. *Int J Contemp Pediatr* 2020;7:2106-11.
19. Diwanmal SB, Biradi M, Vanaki RN, Yelamali BC. Rehabilitation outcomes in Acute Necrotizing Encephalopathy of Childhood – A Retrospective Study. *Indian Journal of Physiotherapy and Occupational Therapy*. 2021; 15(1):125-130.

Scientific Paper presentations:

International conferences:

- Presented paper on ‘**Acute Necrotizing Encephalopathy of Childhood(ANEC) - an under-recognized & diverse clinico-radiological syndrome**’ (abstract PICC8-0490) at 9th Congress of World Federation of Intensive Care & Critical Care Societies in June 2018, at Singapore.
- Presented paper on ‘Acute **Peritoneal Dialysis- an effective therapeutic tool even in Non-Renal Indications**’ (abstract PICC8-0597) at 9th Congress of World Federation of Intensive Care & Critical Care Societies in June 2018, at Singapore.
- Presented poster (no 240) on ‘*Acute peritoneal dialysis (PD) in neonates - a cost effective renal replacement therapy at resource limited settings*’ at 16th Congress of the International Society for Peritoneal Dialysis, held at the Melbourne Convention and Exhibition Centre from 27 February - 1 March 2016
- Participated as Faculty at **International Pediatric Critical Care Conference of India** – IPCCCI 2018, at Hyderabad on 20-21st October 2018, gave a talk on ‘ Fluid Management in Severe Dengue’

National /State conferences:

- Presented paper titled "Pediatric Inter-Hospital Transport: The Platinum minutes profile" at the 15th Annual conference of Indian Society of Critical Care Medicine, from February 20-22, 2009, held at Agra, India.
- Has been faculty and resource person for 5 state conferences , 4 National conferences of IAP and workshops.
- Presented following scientific papers at Pedicon-2006, Annual State Conference of Indian Academy of Pediatrics, Karnataka state branch, held at Vijayapura on 7,8th October 2006:

1. Award paper presentation- “ Clinicopathological study of cervical lymphadenopathy in children”
 2. Free paper presentation- ‘Pierre-Robin sequence with bilateral corneal opacity- Stickler’s syndrome’
 3. Free paper presentation- ‘ Amyoplasia Congenita- A case series’
- Presented two poster presentation at 24th South Zone & 29th Karnataka State Conference of IAP, at Haassan from 22-24th October 2010:
 1. Double trouble in a neglected child
 2. Hydrometrocolpos presenting as acute abdomen in a neonates

Representations in International and National Organizations/ Professional bodies:

Life member for the following organizations:

- Indian Medical Association
- Indian Academy of Pediatrics
- Intensive Care Chapter of IAP
- Breast feeding promotion network of India (BPNI)
- Infant and Young Child Feeding Chapter of IAP

Services in Indian Academy of Pediatrics and other professional bodies:

- Vice President (Belgaum Division) IAP Karnataka State (2024)
- President , IAP Intensive Care chapter of Karnataka state (2023)

- Serving as Zonal Coordinator, South Zone for IAP-BLS &ALS group (2023-24)
- Served as Honorary Secretary for Indian Academy of Pediatrics, Bagalkot district branch (2010-11), President IAP Bagalkot district branch (2021-22)
- Chairman, Scientific Committee, Karnataka State Annual Conference of Pediatrics (2011)
- Honorary Secretary, Intensive Care Chapter of IAP, Karnataka State branch (2013, 2017)
- Honorary Vice-President, Intensive Care Chapter of IAP, Karnataka State branch (2016)
- Indian Academy of Pediatrics, Karnataka State branch, Belgaum Divisional Coordinator (2018)
- Karnataka State Coordinator for Basic Life Support Courses of Indian Academy of Pediatrics (2015-16)
- Karnataka State Coordinator for Advanced Life Support Courses of Indian Academy of Pediatrics (2016 to 2019), Joint South Zone Coordinator for IAP- Advanced Life Support Courses.
- Centre Coordinator, IAP CPR and ALS training centre at S.N.Medical College, Bagalkot
- Joint National Coordinator, IAP Basic Life Support Courses (2018 to 2022)
- National Instructor (resource person) for IAP Basic Life Support Course, Advance Life Support, Pediatric Emergency medicine courses.
- Served as 'Divisional Coordinator (Belgaum Division) for IAP Post Graduate Pediatric Quiz' for year 2018-2019

Awards for Professional and Academic Recognition:

- Won Gold Medal award paper presentation in 2007, during Annual Scientific Research Society meeting , at B M Patil Medical college,Vijayapur for research paper titled ‘Study of Hypoglycemia in first 72 hours of life in newborn’
- Winner - State Level round of NNF Post Graduate Quiz in Neonatology , held at Sagar Apollo Hospital, on 02/09/2005
- Won 2nd Prize in National Essay writing competition (2005), for topic ‘ Can Mobile phones revolutionize Medical Practice?’ , organized by Rajkot branch of Indian Academy of Pediatrics.
- As Secretary, of Intensive Care chapter , received ‘Best IAP Intensive Care state branch award’ in 2018, during National Conference of Intensive Care Chapter of IAP.
- As President of IAP Bagalkot district, Won Best branch award (51-100 members category) during Karnataka State Conference of IAP, held at Hospet ,in October 2021

Participation in child welfare and other community welfare and social programs:

- Life member, Red Cross Society, Bagalkot branch and actively involved in rehabilitation and community based activities
- Founder member of ‘Bagalkot Habba’ - a philanthropic social organization started in 2012, based at Bagalkot, India (www.bagalkothabba.com) , popularized blood donation camps, cancer awareness and detection camps and awareness on Basic Life Support for the lay public.

- Active supporter and volunteer for Bagalkot Thallassemia and hemophilia Society, based at SN Medical college, Bagalkot, treats free of cost needy patients of North Karnataka.
- Member of Lions International club of Bagalkot since 2011, and actively involved in all lionistic activities. Worked as Vice-President (for year 2016-17), President (2019-20). Won Best President Award (Platinum Category) at District Award ceremony of Lions District 317-B for year 2019-20.
 - Served as District Chairman for Pediatric Cancer awareness for Lions Club International District 317-B for year 2021-22.
 - Served as District Chairman for Cardiopulmonary Resuscitation for Lions Club International District 317-B for year 2023-24