

Department of Pediatrics



Name	Designation
Dr. Preeti Shanbag, D.C.H., M.D.	Professor & Head
Dr. Urmila Chauhan, -M.D., D.C.H., -PG Diploma in Developmental Neurology (University of Kerala) -B.A. & M.A. in Counseling Psychology(IGNOU)	Associate Professor
Dr. Gurumukh Kotwaney, D.C.H., M.D., FCPS, CHA	Consultant
Dr. Veerabhadra Mallad, M.D.	Senior Residents

Outpatients Services

Monday-Saturday - 9am to 1 pm

Speciality Services - 10am to 12 noon

	Day
Immunization & Well-baby Clinic	Monday
Childhood Asthma Clinic	Wednesday (1 st & 3 rd)
Pediatric nephrology	Wednesday (1 st & 3 rd)
Follow-up of high risk newborns	Monday
Developmental disorders, child neurology and epilepsy	Wednesday (2 nd & 4 th)
Child guidance clinic	Monday – Friday

Community Outreach Services: School Health check up

Inpatient Services

General pediatrics

Pediatric intensive care unit (PICU) - Two- bedded with ventilators and Multipara Monitors

Neonatal intensive care unit (Inborn or Aseptic NICU – 4 bedded and Outborn or Septic NICU – 2 bedded) with Ventilators, Multipara Monitors, Radiant Warmers and LED phototherapy units.



Academic

Teaching activities

Student nurses (School of Nursing)

Medical Officers Certificate Programme (MOCP) – National Rural Health Mission

Research Projects

Department projects

1. Significance of Hematological scoring system for early diagnosis of neonatal sepsis
2. Feasibility of DOTS therapy in pulmonary and extrapulmonary tuberculosis in children.
3. Neurodevelopmental outcome and early intervention in high-risk newborns.

ICMR projects

1. Outcomes of DOTS treatment in Extrapulmonary Tuberculosis of different organ systems under Revised National Tuberculosis Program
2. Knowledge, attitude and practices regarding reporting of adverse events following immunization.

Publications:

From the Department:

Sr. No	Name of the First Author	Subject of paper	Name of Journal	Date of Publication
1	2	3	4	5
1	Dr. Urmila Chauhan	Ofloxacin-induced hallucinations	Indian Journal of Pharmacology	Accepted for publication
2	Dr. Urmila Chauhan	Benign febrile Myoclonus	Indian Journal of Pediatrics	Accepted for publication
3	Dr. Preeti Shanbag	Cortical Blindness in a Child with Acute Glomerulonephritis: comment	Indian Journal of Nephrology	Accepted for publication

4	Dr. Preeti Shanbag	Endocrine emergencies in critically ill patients: challenges in diagnosis and management: comment	Indian Journal of Endocrinology and Metabolism	Accepted for publication
5	Dr. Preeti Shanbag	Declining Reliance on Medical History and Physical Examination among Medical Students	Indian Journal of Pediatrics	Accepted for publication
6	Dr. Preeti Shanbag	Pitfalls in diagnosing and treating children with renal artery stenosis – author's reply	Pediatric Nephrology	Accepted for publication

6) Books Published (if any)

Sr. No.	Name of the First Author	Title of Book	Year of Publication
1	2	3	4
1	Dr. Preeti Shanbag Chapter on "Aminoglycosides"	Rational Antimicrobial Practice in Pediatrics (IAP Specialty Series)	To be published in 2013
2	Dr. Urmila Chauhan Chapter on "Immunization"	Nutrition and Diet in Children- Simplified	To be published in 2013

Dr. Urmila Chauhan

1. Chauhan U, Tullu M, Muranjan M, Lahiri K. Thalamic haemorrhage: a rare presentation of vein of Galen aneurysmal malformation in infancy. N Z Med J. 2003 Nov 21;116(1186):U687. PubMed PMID: 14657970.

2. Chauhan U, Shanbag P, Mallad V. Febrile Myoclonus: A Missed Clinical Diagnosis. Indian J Pediatr. 2013 Jan 23. [Epub ahead of print] PubMed PMID:23340986.

Dr. Preeti Shanbag

1: Chauhan U, Shanbag P, Mallad V. Febrile Myoclonus: A Missed Clinical Diagnosis. Indian J Pediatr. 2013 Jan 23. [Epub ahead of print] PubMed PMID:23340986.

2: Lalitha MK, David T, Thomas K. Rapid antimicrobial resistance study group. Nasopharyngeal swabs of school children, useful in rapid assessment of community

antimicrobial resistance patterns in *Streptococcus pneumoniae* and *Haemophilus influenzae*.
Journal of Clinical Epidemiology 2013; 66: 44-51

3: Masavkar S, Shanbag P, Inamdar P. Pott's Spine with Bilateral Psoas Abscesses. *Case Rep Orthop.* 012;2012:208946. doi: 10.1155/2012/208946. Epub 2012 Jul 22. PubMed PMID: 23259114; PubMed Central PMCID: PMC3504224.

4: Thakker A, Shanbag P. A randomized controlled trial of intranasal-midazolam versus intravenous-diazepam for acute childhood seizures. *J Neurol.* 2012 Sep 16. [Epub ahead of print] PubMed PMID: 22983456.

5: Shanbag P, More V, David J. Distal renal tubular acidosis in a child with HIV infection. *Saudi J Kidney Dis Transpl.* 2012 Sep;23(5):1035-7. doi:10.4103/1319-2442.100944. PubMed PMID: 22982919.

6: Zaki SA, Shanbag P. Increased urinary frequency: an unusual presentation of *Plasmodium falciparum* malaria. *Saudi J Kidney Dis Transpl.* 2012 Jul;23(4):844-5. doi: 10.4103/1319-2442.98182. PubMed PMID: 22805407.

7: Masavkar S, Shanbag P, Belsare N. Hyponatremia in a child with Takayasu arteritis: Answers. *Pediatr Nephrol.* 2012 May 12. [Epub ahead of print] PubMed PMID: 22580930.

8: Masavkar S, Shanbag P, Belsare N. Hyponatremia in a child with Takayasu arteritis: Questions. *Pediatr Nephrol.* 2012 May 12. [Epub ahead of print] PubMed PMID: 22580929.

9: Zaki SA, Lad V, Shanbag P. Cerebral salt wasting following tuberculous meningoencephalitis in an infant. *Ann Indian Acad Neurol.* 2012 Apr;15(2):148-50. PubMed PMID: 22566734; PubMed Central PMCID: PMC3345597.

10: Zaki SA, Shanbag P. Bilateral vocal cord palsy: A rare complication of varicella in children. *Indian J Crit Care Med.* 2012 Jan;16(1):62-3. PubMed PMID: 22557840; PubMed Central PMCID: PMC3338246.

11: Zaki SA, Shanbag P. Meropenem-induced hypokalemia and metabolic alkalosis. *Indian J Pharmacol.* 2012 Mar;44(2):276-7. PubMed PMID: 22529495; PubMed Central PMCID: PMC3326932.

12: Zaki SA, Shanbag P. *Plasmodium vivax* malaria presenting with skin rash--a case report. *J Vector Borne Dis.* 2011 Dec;48(4):245-6. PubMed PMID: 22297289.

13: Zaki SA, Shanbag P, Bhongade S. Acute glomerulonephritis following varicella infection. *Indian J Nephrol.* 2012 Jan;22(1):64. PubMed PMID: 22279349; PubMedCentral PMCID: PMC3263070.

14: Zaki SA, Mondkar J, Shanbag P, Verma R. Hypernatremic dehydration due to lactation failure in an exclusively breastfed neonate. *Saudi J Kidney Dis Transpl.* 2012 Jan;23(1):125-8. PubMed PMID: 22237234.

15: Zaki SA, Chavan V, Shanbag P. Unusual presentation of Takayasu's arteritis as posterior reversible encephalopathy syndrome. *Ann Indian Acad Neurol.* 2011 Jul;14(3):214-6. PubMed PMID: 22028540; PubMed Central PMCID: PMC3200050.

16: Zaki SA, Bhongade S, Shanbag P. Enalapril induced severe hyponatremia and altered sensorium in a child. *Indian J Pharmacol.* 2011 Sep;43(5):605-6. PubMed PMID: 22022012; PubMed Central PMCID: PMC3195139.

17: Zaki SA, Lad V, Shanbag P. Quadriparesis and dysarthria due to tetrabenazine therapy in a child with rheumatic chorea. *Indian J Pharmacol.* 2011 Sep;43(5):601-2. PubMed PMID: 22022010; PubMed Central PMCID: PMC3195137.

18: Nagotkar L, Shanbag P, Mauskar A, Zaki SA, Kumar CA. Fulminant intracranial hypertension due to cryptococcal meningitis in a child with nephrotic syndrome. *Indian J Crit Care Med.* 2011 Jul;15(3):176-8. PubMed PMID: 22013311; PubMed Central PMCID: PMC3190470.

19: Zaki SA, Lad V, Shanbag P. Diagnostic dilemma in a child with tuberculous meningitis on haloperidol therapy. *Toxicol Int.* 2011 Jul;18(2):173-4. PubMed PMID: 21976827; PubMed Central PMCID: MC3183629.

20: Zaki SA, Shanbag P, Lad V. Abdominal pain as a presenting feature of spinal tuberculosis in a child. *Ann Saudi Med.* 2011 Sep-Oct;31(5):550-1. PubMed PMID:21912001; PubMed Central PMCID: PMC3183699.

21: Zaki SA, Shanbag P, Lad V, Shenoy P. Sodium artesunate-induced diuresis in a patient with malaria. *Indian J Pharmacol.* 2011 Jul;43(4):472-3. PubMed PMID:21845010; PubMed Central PMCID: PMC3153718.

22: Zaki SA, Shanbag P. Erythema nodosum as the presenting feature of rheumatic heart disease. *Indian Pediatr.* 2011 Jul;48(7):584. PubMed PMID: 21813939.

23: Zaki SA, Shenoy P, Shanbag P, Mondkar J, Kalgutkar A. Mesenteric cyst in a neonate causing obstructive uropathy and secondary type 1 pseudohypoaldosteronism - a case report. *J Paediatr Child Health.* 2011 Jul;47(7):486-8. doi:10.1111/j.1440-1754.2011.02133.x. PubMed PMID: 21771151.

24: Mauskar A, Mehta K, Nagotkar L, Shanbag P. Acute hepatic failure due to yellow phosphorus ingestion. *Indian J Pharmacol.* 2011 May;43(3):355-6. PubMed PMID: 21713048; PubMed Central PMCID: PMC3113395.

25: Zaki SA, Shanbag P. Acute glomerulonephritis: an unusual manifestation of *Plasmodium vivax* malaria. *Ann Trop Paediatr.* 2011;31(2):181-4. PubMed PMID:21575326.

26: Zaki SA, Nilofer AR, Shanbag P. Dysmorphic child born after maternal diclofenac therapy. *Indian J Pharmacol.* 2011 Apr;43(2):220-1. PubMed PMID: 21572668; PubMed Central PMCID: PMC3081472.

27: Zaki SA, Shenoy P, Shanbag P. Ectodermal dysplasia with hydrocephalus: a rare association. *Singapore Med J.* 2010 Dec;51(12):976-7. PubMed PMID: 21221507.

28: Zaki SA, Shanbag P. Spectrum of childhood nephrotic syndrome in Iran: A single center study. *Indian J Nephrol.* 2010 Oct;20(4):222-3. PubMed PMID:21206690; PubMed Central PMCID: PMC3008957.

29: Zaki SA, Shanbag P. *Plasmodium vivax* with acute glomerulonephritis in an 8-year old--queries. *J Vector Borne Dis.* 2010 Dec;47(4):264; author reply 264. PubMed PMID: 21178222.

30: Mauskar A, Shanbag P, Dadge D. Bronchiolitis obliterans in a child with HIV infection. *Indian J Pediatr.* 2011 Jan;78(1):112-4. Epub 2010 Sep 30. PubMed PMID:20882427.

31: Zaki SA, Shanbag P. Biliary pseudolithiasis secondary to ceftriaxone therapy. *Indian J Pharmacol.* 2010 Jun;42(3):193-4. PubMed PMID: 20871775; PubMed CentralPMCID: PMC2937325.

32: Zaki SA, Shenoy P, Shanbag P. Klippel Feil syndrome with isolated hypokinesia of the left ventricle: A rare association. *Ann Pediatr Cardiol.* 2010 Jan;3(1):92. PubMed PMID: 20814486; PubMed Central PMCID: PMC2921529.

33: Zaki SA, Shanbag P. Persistent headache in a child with the nephritic syndrome. *Saudi J Kidney Dis Transpl.* 2010 Sep;21(5):951-3. PubMed PMID: 20814141.

34: Zaki SA, Shenoy P, Shanbag P, Sundar U. Thalamic pain syndrome due to cytomegalovirus vasculitis in an HIV-positive child. *Indian Pediatr.* 2010 Jul;47(7):621-3. PubMed PMID: 20683114.

35: Zaki SA, Shanbag P. Consensus statement on tuberculosis: queries? *Indian Pediatr.* 2010 Jun;47(6):537-8; author reply 538. PubMed PMID: 20622287.

36: Zaki SA, Chavan V, Nagotkar L, Shanbag P. Familial distal renal tubular acidosis presenting as acute quadriparesis. *Saudi J Kidney Dis Transpl.* 2010 Jul;21(4):752-3. PubMed PMID: 20587890.

37: Zaki SA, Shanbag P, Amarapurkar A. PFIC type III in infant presenting as acute liver cell failure. *Indian J Pathol Microbiol.* 2010 Apr-Jun;53(2):334-6. PubMed PMID: 20551550.

38: Zaki SA, Shanbag P, Shenoy P. Unusual presentation of malaria as tetany: a case report. *J Vector Borne Dis.* 2010 Jun;47(2):123-5. PubMed PMID: 20539054.

39: Zaki SA, Shanbag P, Gokhale YA. Infective endocarditis in a child masquerading as vasculitis: case report. *Ann Trop Paediatr*. 2010;30(2):141-5. PubMed PMID: 20522301.

40: Zaki SA, Shanbag P. Clinical manifestations of dengue and leptospirosis in children in Mumbai: an observational study. *Infection*. 2010 Aug;38(4):285-91. Epub 2010 May 27. PubMed PMID: 20505977.

41: Zaki SA, Dadge D, Asif S, Shanbag P. Diagnostic dilemma in a child with congenital heart disease on sildenafil. *Indian J Pharmacol*. 2009 Jun;41(3):148-9. PubMed PMID: 20442825; PubMed Central PMCID: MC2861818.

42: Zaki SA, Asif S, Shanbag P. Ortner syndrome in infants. *Indian Pediatr*. 2010 Apr;47(4):351-3. PubMed PMID: 20431167.

43: Zaki SA, Phulsundar A, Shanbag P, Mauskar A. Fetal valproate syndrome in a 2-month-old male infant. *Ann Saudi Med*. 2010 May-Jun;30(3):233-5. PubMed PMID: 20427941; PubMed Central PMCID: PMC2886875.

44: Zaki SA, Chavan V, Shanbag P. Spontaneous central nervous system bleeding in a child with cyanotic congenital heart disease. *N Z Med J*. 2010 Apr;123(1312):111-4. PubMed PMID: 20389326.

45: Dasarwar N, Shanbag P, Kumbhare N. Baclofen intoxication after accidental ingestion in a 3-year-old child. *Indian J Pharmacol*. 2009 Apr;41(2):89-90. PubMed PMID: 20336225; PubMed Central PMCID: PMC2841240.

46: Zaki SA, Shanbag P. Pseudoaneurysm following modified Blalock Taussig shunt. *Indian Pediatr*. 2010 Feb;47(2):198-9. PubMed PMID: 20228440.

47: Zaki SA, Dadge D, Shanbag P. Diaphragmatic hernia presenting as gastrointestinal bleeding. *Indian Pediatr*. 2010 Feb;47(2):185-7. PubMed PMID: 20228433.

48: Mauskar A, Shanbag P, Ahirrao V, Nagotkar L. Congenital cutis laxa. *Ann Saudi Med.* 2010 Mar-Apr;30(2):167-9. PubMed PMID: 20220272; PubMed Central PMCID:PMC2855073.

49: Zaki SA, Shanbag P, Chavan V, Shenoy P. Staphylococcal toxic shock syndrome presenting as acute respiratory distress and cor pulmonale. *Ann Trop Paediatr.*2010;30(1):77-81. PubMed PMID: 20196940.

50: Zaki SA, Chavan V, Shanbag P, Sundar U. Transient quadriplegia after electric shock in a child: case report. *Ann Trop Paediatr.* 2010;30(1):65-8. PubMed PMID: 20196937.

51: Zaki SA, Ravi T, Shanbag P, Kalgutkar A. Intraspinal meningioma in a four-month-old infant. *Neurol India.* 2009 Nov-Dec;57(6):822-4. PubMed PMID:20139528.

52: Zaki SA, Dadge D, Shanbag P, Choudhury R. Mature cystic teratoma: Unusual presentation as dysphagia. *Indian J Pediatr.* 2009 Dec;76(12):1275-6. PubMed PMID:20108063.

53: Zaki SA, Asif S, Dadge D, Shanbag P. Co-existence of viral hepatitis with malaria. *J Postgrad Med.* 2009 Jul-Sep;55(3):233. PubMed PMID: 19884760.

54: Nagotkar L, Shanbag P, Shenoy P. Hypokalemic paralysis following severe vomiting in a child with intestinal obstruction due to round worms. *J Trop Paediatr.* 2010 Feb;56(1):63-4. Epub 2009 Jun 5. PubMed PMID: 19502600.

55: Zaki S, Dadge D, Shanbag P. Calvarial tuberculosis. *Int J Infect Dis.* 2010 Jan;14(1):e86-7. Epub 2009 Jun 5. PubMed PMID: 19501532.

56: Zaki SA, Shanbag P. Persistent thrombocytopenia following dengue shock syndrome. *Indian J Pediatr.* 2009 Jun;76(6):659; author reply 659. PubMed PMID:19381512.

57: Zaki SA, Phulsunder A, Shanbag P. Arthritis as the presenting feature of HIV infection in a child. *J Infect.* 2009 May;58(5):391-2. Epub 2009 Mar 14. PubMed PMID: 19359043.

58: Zaki SA, Mauskar A, Shanbag P. Toxic psychosis due to chloroquine overdose: a case report. *J Vector Borne Dis.* 2009 Mar;46(1):81-2. PubMed PMID: 19326713.

59: David J, Shanbag P, More V. Plasmodium vivax malaria presenting as the nephrotic syndrome in an infant. *Trop Doct.* 2009 Apr;39(2):127-8. PubMed PMID:19299308.

60: Zaki SA, Dadge D, Shanbag P. Lhermitte's sign as a presenting symptom of spinal demyelination. *Indian J Pediatr.* 2009 Mar;76(3):336-7. PubMed PMID:19205639.

61: Nagotkar L, Shanbag P, Dasarwar N. Cerebral salt wasting syndrome following neurosurgical intervention in tuberculous meningitis. *Indian Pediatr.* 2008 Jul;45(7):598-601. PubMed PMID: 18695284.

62: Shanbag P, Shah N, Kulkarni M, Juvekar M, Madhusudana SN, Vakil HB, Malerczyk C. Protecting Indian schoolchildren against rabies: pre-exposure vaccination with purified chick embryo cell vaccine (PCECV) or purified verocell rabies vaccine(PVRV). *Hum Vaccin.* 2008 Sep-Oct; 4(5):365-9. Epub 2008 Oct 1. PubMed PMID:18398307.

63: Satam N, More V, Shanbag P, Kalgutkar A. Fatal thyrotoxic periodic paralysis with normokalemia. *Indian J Pediatr.* 2007 Nov;74(11):1041-3. PubMed PMID:18057690.

64: Shanbag P. Jervell-Lange Nielsen syndrome in a family with the long QT syndrome (LQTS). *Indian J Pediatr.* 2007 Jan;74(1):90; author reply 90. PubMed PMID: 17264466.

65: Shanbag P, Juvekar M, More V, Vaidya M. Exchange transfusion in children with severe falciparum malaria and heavy parasitaemia. *Ann Trop Paediatr.* 2006Sep;26(3):199-204. PubMed PMID: 16925956.

66: More V, Shanbag P, Jialdasani K. Achalasia cardia presenting with Marasmic Kwashiorkor. *Indian J Pediatr.* 2006 May;73(5):447-8. PubMed PMID: 16741337.

67: Juvekar M, Shanbag P, Kalgutkar A. An unusual cause of airway obstruction. *Indian J Pediatr.* 2005 Jul;72(7):639-40. PubMed PMID: 16077251.

68: Balu R, Shanbag P, More V, Vaidya M. Acute disseminated encephalomyelitis. *Indian J Pediatr.* 2004 Nov;71(11):1035-8. PubMed PMID: 15572827.

69: Adhvaryu K, Shanbag P, Vaidya M. Tuberous sclerosis with hypothyroidism and precocious puberty. *Indian J Pediatr.* 2004 Mar;71(3):273-5. PubMed PMID:15080418.

70: Jagtap A, Shanbag P, Vaidya M. Budd-Chiari syndrome due to antithrombin III deficiency. *Indian J Pediatr.* 2003 Dec;70(12):1003-5. PubMed PMID: 14719794.

71: Shanbag P, Amirtharaj C, Pathak A. Intravenous immunoglobulins in severe Guillian-Barre syndrome in childhood. *Indian J Pediatr.* 2003 Jul;70(7):541-3. PubMed PMID: 12940374.

72: Gandhi D, Shanbag P, Vaidya M. Lead lines. *Lancet.* 2003 Jul 19;362(9379):197. PubMed PMID: 12885480.

73: Vaidya M, Kelkar A, Shanbag P, Juvekar M. Achalasia--alacrima—ACTH insensitivity syndrome (Triple A syndrome). *Indian J Pediatr.* 2003Apr;70(4):343-5. PubMed PMID: 12793312.

74: Gupta S, Shanbag P, Vaidya M. Medullary sponge kidney. *Indian J Pediatr.* 2002 Dec;69(12):1091-2. PubMed PMID: 12557966.

75: Shahid SK, Turakhia NH, Kundra M, Shanbag P, Daftary GV, Schiess W. Efficacy and safety of phlogenzym--a protease formulation, in sepsis in children. *J Assoc Physicians India.* 2002 Apr;50:527-31. PubMed PMID: 12164403.

76: Shanbag P, Pathak A, Vaidya M, Shahid SK. Persistent hyperinsulinemic hypoglycemia of infancy--successful therapy with nifedipine. *Indian J Pediatr.*2002 Mar;69(3):271-2. PubMed PMID: 12003307.

77: Shanbag P, Govindakumar PT, Vaidya M, Joshi V, Shahid SK. The congenital long QT syndrome. *Indian J Pediatr.* 2002 Feb;69(2):141-4. PubMed PMID: 11929030.

78: Vinutha B, Mehta MN, Shanbag P. Vitamin a status of pregnant women and effect of post partum vitamin a supplementation. *Indian Pediatr.* 2000 Nov;37(11):1188-93. PubMed PMID: 11086300.

79: Rajadurai VS, Shanbag P, Seshadri MS, Khanduri U, Alexander TA, Jadhav MA. Infantile nephropathic cystinosis presenting as incomplete Fanconi syndrome and refractory rickets. *Indian J Pediatr.* 1989 May-Jun;56(3):428-35. PubMed PMID:2807481.

80: Dipali RB, Kothari PR, Sarda DK, Desai N, Shanbhag P, More V, Kulkarni B. Congenital paraesophageal hernia presenting with severe gastroesophageal reflux. *Indian J Pediatr.* 2007 Mar;74(3):310-1. PubMed PMID: 17401278.

81: Sundar U, Shaunbhag P, Lakkas Y, Shrivastava M, Shah A, Vaidya M, Asole D. Experience with patients with anti-MUSK antibody positive myasthenia gravis. *J Assoc Physicians India.* 2010 Oct;58:640-2. PubMed PMID: 21510119.

82: Zaki SA, Shanbag P. Atypical manifestations of malaria. *Research and Reports in Tropical Medicine* 2011; 9-22

83 : Zaki SA, Shanbag P. Increased urinary frequency: an unusual presentation of Plasmodium falciparum malaria. *Saudi J Kidney Dis Transpl.* 2012 Jul;23(4):844-5.