

**List of Faculty Members in Neonatology Department**

Department	Name of the faculty Qualification IMR Number	Current Designation & Date of promotion	Nature of employment Regular/permanent or contract/outsourced	Details of Service in the Last 5 years					Number of lectures taken/year. Topics covered
				1	2	3	4	5	
Neonatology	<b>Dr.K K Diwakar,</b> MBBS, DCH, DNB(Ped), MD(Ped), FRCPCH (UK), MCI-3878, TCMC-69339	Professor	Permanent	Professor					1.Respiratory Distress 2.Neonatal Ventilation 3.Metabolic disturbances and electrolyte imbalance
	<b>Dr.Leela Sudhakaran Kamath,</b> MBBS, MD(Ped), Am.Bd.Ped(USA), FRCP( Ped), FRCP (Neo) MCI-4792, TCMC-34372	Professor&HOD,	Permanent	Professor					1.Neonatal Sepsis 2.Breast feeding 3. Neonatal Resuscitation
	<b>Dr.Roseline K Madathil,</b> MBBS,DCH, DNB( Ped), DNB (Neo) TCMC-28188	Assistant Professor, 04/05/2016	Permanent	Assistant Professor					1.Neonatal jaundice 2.Thermoregulation 3.Neonatal Resuscitation
	<b>Dr.Manu Rajan Idicula,</b> MBBS, MD( Ped), DM Neonatology TCMC No-37971	Assistant Professor	Permanent			Assistant Professors			1.Neonatal Resuscitation 2. Neonatal Seizure 3.HIE

### ANNEXURE-1

Sr. No	Faculty Name	Publication in Vancouver referencing style	Pubmed Indexed Yes/No	Scopes
1.	Dr.K.K Diwakar	<ol style="list-style-type: none"> <li>1. <i>Surfactant Replacement Therapy in Neonates less than 32 weeks gestation; Effect on Neonatal Intensive Care Resource Utilization: Published J.Pediatr. Child Health(1993) 29: 433-437.</i></li> <li>2. <i>Gentamicin therapy in preterms- A comparison of two regiments: (Krishnan L.,George SA, Nayak S, Diwakar K K, Bhaskaranand N) Published Bulletin-National Neonatology Forum, (1994), Vol 8:Jul-Sep. :7-8</i></li> <li>3. <i>Mild-thigh circumference – Role in assessing the nutritional status of children between 6 years and 12 years of age: Journal of Tropical Paediatrics, (Apr.1995) Vol.41:86-88.</i></li> <li>4. <i>Transient Hypeammonemia of Newborn - (L Krishnan, K.K Diwakar, Poonam Patil, Nalini Bhaskaranand) Indian J Pediatr, (Jan.-Feb.1996); 63:113-116.</i></li> <li>5. <i>Galactosemia with Rubella Infection: Indian Pediatrics, October 1997, 34: 941-942.</i></li> <li>6. <i>Follow-up of Newborns Receiving Intermittent Mandatory Ventilation-Outcome and Limitations: Indian Pediatrics, March 1998, 35:286-287.</i></li> <li>7. <i>Early Experiences with High Frequency Ventilation in Neonates: Indian Pediatrics, April 1999, 36:703-705.</i></li> <li>8. <i>Revised look at micro-erythrocyte sedimentation rate in Neonates Indian Pediatrics, July 1999.36:703-705.</i></li> </ol>		

		<p>9. <i>Weaning the newborn from the ventilator.</i> (Review article). <b>Journal of the National Neonatology Forum, Jan.2000. 14:1:35-38.</b></p> <p>10. Management of Low Birth Weight Infants: Ongoing Care. (Review Article) <b>Indian Journal of Practical Pediatrics. Vol: 3, July-September 2001 pg 55-62.</b></p> <p>11. <i>Management of Neonatal Sepsis- The saga continues,</i> <b>Journal of the National Neonatology Forum, 2000 Vol 14:4, Oct-Dec., 13-17.</b></p> <p>12. <i>Plasma glucose levels in term infants who are appropriate size for gestation and exclusively breast fed.</i> <b>Arch Dis Child Fetal Neonatal 2002:87(July) F46 - F48.</b></p> <p>13. <i>Clinical approach to Respiratory Distress in Newborn.</i> <b>Indian J Pediatr (Supplement-optimum pulmonary care of neonates) 2003; 70:S53-S59.</b></p> <p>14. <i>Thrombocytopenia in early Neonatal Period- Is Intravenous gamaglobulin useful?</i> <b>Journal of Neonatology 2004 Vol 189:1 Jan – Mar, 39-42.</b></p> <p>15. <i>Morbidity and Mortality among outborn infants in 10 tertiary Care Institutions in India during the year 2002</i> <i>Investigators of National Neonatal Perinatal Database, NNF of India, J Trop Pediatr 2004 Vol 50:3: 170-174.</i></p>		
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|  |  | <p>16. <i>Neonatal Hyperbilirubinemia – A Continuing saga- Indian Journal of Practical Pediatrics</i> 2005 Vol 7 (4)Oct – Dec (278-286).</p> <p>17. <i>Kangaroo mother care. Journal of Post graduate Medical Education Training and Research (National Board of Examinations)</i> 2006 Vol 1:3 July – Sept;65-66.</p> <p>18. <i>Choosing antibiotics in neonates at-risk for sepsis – A study of Blood Cultures from two geographically separated neonatal intensive care units. Perinatology</i> 2007 Vol 9:1:19-28.</p> <p>19. <i>Apnea of prematurity – An Enigma Journal of Neonatology</i> 2007 Vol 21:2 (April-June):109-112.</p> <p>20. <i>Choosing antibiotics in neonates at-risk for sepsis – A study of Blood Cultures from two geographically separated neonatal intensive care units. Neonatology Today</i> Vol2;10: Oct.2007 pg 13-18. (repat Publication).</p> <p>21. <i>Universal Newborn screening for congenital hypothyroidism – Correspondence Indian Pediatr</i> Vol.45. 4: (April 2008): 331.</p> <p>22. <i>Nursing Brain drain from India. Human Resources for Health</i> 2009:5doi:10.1186/1478-4491-7-5.</p> <p>23. <i>Neonatal Seizures: Should the Role of Phenobarbitone Be Further Downgraded Neonatology Today</i> Vol 6/Issue 10/October 2011.</p> <p>24. <i>Respiratory Distress soon after birth – Is it preventable? Journal of Neonatology</i> Vol 28:4, pg 41-45, Oct 2014.</p> <p>25. <i>Comparison of Umbilical Cord Cleansing using sterile water and povidone iodine-spirit during early neonatal period – A double blind randomized control study. JCDR, May 2015.</i></p> |  |  |
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		<p>26. <i>The effect of Nesting on physiological parameters among preterm infants. Int.j.Adv.Res, 6(4):2018, 357-362.</i></p> <p>27. <i>Effect of Nesting on sleep pattern among preterm infants admitted in NICU. Biomedical Research 2018;29(10)1994-1997 (ISSN 0970-938X)</i></p> <p>28. <i>Can clinical score be used to guide investigations and management of infants born through meconium stained amniotic fluid? – A Prospective observational study, Journal of Neonatology Vol 33:4:Dec 2019, 285-</i></p> <p>29. <i>Caring for the Newborn – Musings of a Neonatologist – (Commentary) Fetus and Newborn, Vol 1:1 Jan – June 2021, 19.</i></p> <p>30. <i>Descriptive Study of Obstetric Brachial Plexus Palsy (OBPP) at a tertiary Care Hospital. J.Obs Gyn.India. Published online Oct.6 201.</i></p>		
2.	Dr.Leela S Kamath	<p>1.Kossambe, S., Kamath, L. &amp; Diwakar, K.K. Descriptive Study of Obstetric Brachial Plexus Palsy (OBPP) at a Tertiary Care Hospital. <i>J Obstet Gynecol India</i> (2021).</p> <p>2. Asztalos, E., Taddio, A., Wynd, E. <i>et al.</i> INCIDENCE OF ADVERSE EFFECTS FROM ROUTINE VACCINATION IN PREMATURE INFANTS. † <b>1742. <i>Pediatr Res</i> 39, 293 (1996)</b></p> <p>3. Chandra RK, Sudhakaran L. Regulation of immune responses by vitamin B6. <i>Ann N Y Acad Sci.</i> 1990;585:404-23. doi: 10.1111/j.1749-6632.1990.tb28073.x. PMID: 2192621.</p>		

### Medical Education Training/Research Methodology

<b>Sr.No</b>	<b>Name</b>	<b>Course</b>	<b>Date</b>
1	Dr.K K Diwakar	Medical Education Training	23-25 Oct.2013, 28-30 Jan.2019
2	Dr.Leela S Kamath	Medical Education Training	08-10 Jan.2014, 06-08 Feb.2018
3	Dr.Roseline K Madathil	Medical Education Training	03-05 April 2017
4	Dr.Roseline K Madathil	Basic Course In Biomedical Research	March-June 2021
5	Dr.Manu Rajan Idicula	Basic Course in Biomedical Research	March-June 2020