

Dr Naveen Jain

Qualifications

DM (Neonatology), PGIMER Chandigarh 2000-02

MD, DCH (Pediatrics), Government Medical College, Trivandrum 1996-99

DNB, MNAMS (National Board of Examinations)

PGDip Epidemiology, PHFI

Certificate course in Research Ethics, PHFI

Key Contributions

Editor

1. Cloherty and Stark's Manual of Neonatal care, SAE edition 2021, Wolters Kluwer.
2. The development of the infant and the young child, normal and abnormal 2022, Elsevier.
3. Special supplement of Journal of Neonatology, 2014
4. The high-risk newborn, Jaypee publishers, 2008

Distinguished NBE teacher 2021

Publications indexed journals	26
Papers / posters at conferences	85
Chapters in books	23
Guide (primary) for research projects	56
Peer Reviewer for indexed journals:	110
Examiner national neonatology exams	14
Awards (best research paper)	15
Guest Lectures at conferences	400
Workshop coordinator	20
Workshop faculty	20
Organizing chairperson / secretary	16
Quiz master (national)	6
Judge for best Research Paper (National)	10
Debates on controversies (National)	5
Mentor for online training	3

Assessor for accreditation of neonatal units 6

Editor: Special supplement of Journal

Webinar for SEARO

Webinar for WHO CC

Editorial Board: one of 5-member that formulated the Clinical Practice Guidelines, National Neonatology Forum of India 2011

Governing body member: (4 nominated members from the country) of Central National Neonatology Forum of India, 2011-2012

Executive board member of neonatology chapter of Indian Academy of Pediatrics

Associate Board Member Journal of Neonatology 2013 -4

Examination committee IAP neochap member 2013- 16

Invited expert of INCLIN for maternal and child health research priorities

Invited expert of KUHAS (Kerala University of Health Sciences)

Visiting consultant to SCTIMST, institute of national excellence

Guest Faculty at CDC, Trivandrum, Government of Kerala

Scientific Program Committee member for Annual convention of NNF

Hospital Ethics Committee: Member

Hospital Management Committee: Member

Pediatric advanced life support – Trainer

Neonatal Advanced Life support – Trainer

GRADE process workshop 2014

Neonatal Emergencies Simulation Training – 2014

Quality improvement training (POCQI, WHO) – NQOCN – 2017

Neonatal Difficult airway course – MPROVE academy, UK – 2019

Current Positions

- Senior Consultant Neonatologist
Coordinator, Department of Neonatology
Kerala Institute of Medical Sciences, Trivandrum.
- Visiting Consultant to SCTIMST, Centre for Excellence, Trivandrum
- Guest Faculty at Child Development Centre, Government of Kerala

Contact

Official Mailing address: Senior Consultant Neonatologist, Department of Neonatology, KIMS, Anamukham, PB NO 1, Anayra PO, Trivandrum, 695029

Residential Mailing address: KGRA 61/3, Kallumoodu Gardens, Anayara PO, Trivandrum 695029

Phone: 0471 – 2740166 (R), 9387814568 (M), 0471 – 3041351 / 04713041511(NICU), 0471 – 3041786 (OPD)

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Fax: 0471- 2446535

Detailed CV

Position currently held:

- 1. Senior consultant and Coordinator, Department of Neonatology**
since January 2003 – till date

Department of neonatology KIMS is a tertiary NICU at multi-specialty hospital Kerala Institute of Medical Sciences (KIMS) located at Trivandrum, Kerala. KIMS has accreditations from

National accreditation Board for Hospitals and Health Care (NABH)

Australian council on Health Standards (ACHSI)

It is accredited for training programs in

- DNB Neonatology by national board of education
 - DNB Pediatrics by national board of education
 - Fellowship in Neonatology by Indian Academy of Pediatrics
 - Fellowship in Neonatology by National Neonatology Forum, India
 - Fellowship in Neonatal Nursing, NNF India
- 2. Visiting Consultant to** Sree Chitra Thirunal Institute of Medical Sciences and Technology, and institute of national importance, under Department of Science and Technology, Government of India for more than 5 years.

Positions at national level in the past

- National Coordinator for Neurodevelopment Follow up for high risk newborns for National Neonatal Forum Annual conventions for more than 10 years
- National Faculty for Neonatal Ventilation Workshops for more than 15 years for AIIMS and PGIMER
- Joint Zonal Coordinator (South Zone) of Advanced Neonatal Resuscitation Programme Course of Indian Academy of Pediatrics and National Faculty for National Neonatology Forum
- National Instructor Advanced Pediatrics Life Support (Indian Academy of Pediatrics)
- Examiner for many Universities including Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), National Board of Examinations (NBE), Indian Academy of Pediatrics, National Neonatology Forum India

Publications in Indexed Journals

1. Jain N, Naranag A. Hemolytic Disease of Newborn. Indian Journal of Pediatrics 2001; 68(2): 167
2. Kumar R, Jain N, Bhakoo ON. Reducing neonatal mortality through primary newborn care. Journal of Neonatology, 2002; 16 (2): 15-23. 40.
3. Bhakoo ON, Jain N. Innovations in Primary care of Newborn. Journal of Neonatology 2002; 16 (2): 53
4. Dutta S, Jain N, Bhattacharya A, Mukhopadhyay K. Infantile Cortical Hyperostosis – Indian Pediatr. 2005 ;42(1):64-6.
5. Ranjith G, Uthup S, Satish B, Jain N. Salt Wasting Disorder in the Newborn – Indian J Pediatr. 2006;73(1):95-6.
6. Jain N. Sildenafil Citrate in PPHN. Journal of Neonatology. 2006; 20(3)
7. Jain N. Exchange Transfusion. Journal of Neonatology 2006; 20 (3)
8. Jain N, Gupta N. Neonatal Equipments. IJPP 2008; 10(1): 73.
9. Megha M, Jain N, Pillai R. Neonatal pericardial tamponade following central catheter insertion, Indian Pediatr. 2011;48(5):404-5.
10. Jain N. risk stratification of neonates at risk of neurodevelopmental disability. IJPP 2012; 14(4): 385
11. Nair MKC, Jain N. Follow-up studies - beyond survival. Indian Pediatr. 2013 Sep;50(9):830–1.
12. Tewari VV, Jain N, Monotherapy with amikacin or piperacillin-tazobactam empirically in neonates at risk for early-onset sepsis:

a randomized controlled trial. *J Trop Pediatr.* 2014 ;60(4):297-302.

13. VLBW Infant Survival in Hospitals of India (VISHI) Study Investigators, Murki S, Kumar N, Chawla D, Bansal A, Mehta A, Shah M, Bhat S, Rao S, Bajaj N, Chowdhary G, Singal A, Kadam S, Jain N, Baswaraj T, Thakre R. Variability in survival of very low birth weight neonates in hospitals of India. *Indian J Pediatr.* 2015;82(6):565-7.
14. Sujatha R, Jain N. Prediction of Neurodevelopmental Outcome of Preterm Babies Using Risk Stratification Score. *Indian J Pediatr.* 2016 Jul;83(7):640-4.
15. Jain N, James J. Impact of Early CPAP on the Respiratory Care of Preterm Babies - An Audit. *J Neonatol.* 2017 Jun 1;31(1-2):1-5.
16. Nandakumar A, Pournami F, Prabhakar J, Nair PMC, Jain N. Exclusive Breast Milk vs. Hybrid Milk Feeding for Preterm Babies- A Randomized Controlled Trial Comparing Time to Full Feeds. *J Trop Pediatr.* 2019 May 10;
17. Upadhyay S, Pournami F, Nandakumar A, Prabhakar J, Nair PMC, Jain N. Outcome of Very Preterm Infants With Early Optimal Nutrition Strategy: A Comparative Cohort Study. *Nutr Clin Pract Off Publ Am Soc Parenter Enter Nutr.* 2019 Oct 22;
18. Vijayan S, Pournami F, Prabhakar J, Jain N. Euthermia in Stable Preterm Babies: “Cocooning” for Warmth! - A Randomized Controlled Trial. *J Trop Pediatr.* 2019 Apr 29;
19. Naha N, Pournami F, Prabhakar J, Jain N. Nasal Injury with Continuous Positive Airway Pressure: Need for “Privileging” Nursing Staff. *Indian J Pediatr.* 2019;86(7):595-8.

20. Pournami F, Upadhyay S, Nandakumar A, Prabhakar J, Jain N. Familial Hemophagocytic Lymphohistiocytosis: A Rare Mutation of STXBP2 in Exon 19. *J Pediatr Genet.* 2020 Mar;9(1):66–8.
21. Raju V, Pournami F, Nandakumar A, Prabhakar J, Nair P, Jain N. Improving Microbe Detection and Optimizing Antibiotic Use in Neonatal Sepsis With Multiplex Polymerase Chain Reaction: A Comparative Cohort Study. *Infect Dis Clin Pract.* 2020 May; 28(3): 142- 146.
22. Sujith KRGV, Femitha Pournami, Alok KMK, Anand Nandakumar, Jyothi Prabhakar, Naveen Jain. Analyzing cost of hospital care to a family with an extreme preterm neonate. *Journal of Neonatal Nursing.* 2020 Apr; 26(2): 120-2.
23. M K Alok, Pournami F, Prabhakar J, Nandakumar A, Jain N. Iron Status of the Moderate and Late Preterm Infant: A Prospective Cohort Study. *J Trop Pediatr.* 2021 Oct 6;67(5):fmab088.
24. Prakash R, Pournami F, Prabhakar J, Nandakumar A, Nair PMC, Jain N. Duration of Caffeine for Apnea of Prematurity- A Randomized Controlled Trial. *Indian J Pediatr.* 2021 Dec;88(12):1174-1179.
25. Anand V, Pournami F, Madhaviatha GK, Prabhakar J, Nandakumar A, Jain N. Genetic Testing in Neonatal Intensive Care: Experience from a Tertiary Care Unit. *Indian J Pediatr.* 2021 Apr;88(4):398-399.
26. Venkata SKRG, Pournami F, Prabhakar J, Nandakumar A, Jain N. Disability Prediction by Early Hammersmith Neonatal Neurological Examination: A Diagnostic Study. *J Child Neurol.* 2020 Oct;35(11):731-736.

Contribution / Author of books

1. **Editor 1st SAE edition of Cloherty manual of neonatal care**
2. **Editor 11th edition of Illingworth Development of Infant and young child – normal and abnormal**
3. Editor and Co- Author of book

The High Risk Newborn by MKC Nair, Naveen Jain: Jaypee Brothers Medical Publishers (P) Ltd. 9788184482584 Softcover, First edition. - BookVistas [Internet]. [cited 2019 Jun 3].
4. IAP and NNF – Textbook of Clinical Neonatology, Associate Editor- in print
5. Chapter on Development Supportive Care in IAP handbook of Developmental and Behavioral Pediatrics (in print)
6. Chapters on Neonatal Infections, IAP textbook of Pediatrics, 7th Edition, 2018, Jaypee Brothers Medical Publishers
7. Chapter on Common Systemic Infections in Textbook of Pediatric Infectious Diseases. 1st and 2nd Edition, Jaypee Brothers Medical Publishers
8. Chapter on Congenital Infections in Textbook of Pediatric Infectious Diseases, Jaypee Brothers Medical Publishers
9. Chapter in Postgraduate Textbook of Pediatrics
10. Chapters in Partha's Management Algorithms in Pediatric and Adolescent Practice.

11. Chapters in Partha's 101 Clinical Pearls in Pediatrics, Pediatric Education Advanced Research Learning of selected topics
12. Chapters on Discharge Planning of Preterm Newborn, in Hand book of neonatology, Indian Journal of Pediatrics, 2018
13. Chapters in Recent Advances in Neonatology, Red Flower Publication 2020
14. Contributed Chapters in Partha's Investigations & Interpretations in Pediatric & Adolescent Practice, Jaypee Brothers Medical Publishers,
15. Contributed Chapters in Manual of newborn care, A Santosh Kumar, Paras Medical Publisher
16. Contributed Chapters in Handbook of Pediatrics, by A Santhosh Kumar
17. Contributed chapters in hand book of Neonatology (IAP neochap) 2014
18. Contributed to Pediatric Digest for PG entrance, by A Santhosh Kumar, All India Publishers and Distributors
19. Chapter on Encephalopathy in Protocols in Neonatology, 2015, Jaypee Brothers Medical Publishers
20. Questions in OSCE in Neonatology: A guide book: 2016 for IAP neochap
21. Chapter in Manual of Neonatal Nursing, On central Line Insertion, IAP Neochap, 2014
22. Chapter in Manual of Neonatal Nursing, On inborn errors of metabolism, IAP Neochap, 2014

23. Chief editor, Souvenir, Royal College of physicians London, South Asia conference 2006

Peer Reviewer for over 110 publications

○ BMJ Open	1
○ Journal of Neonatology	1
○ Indian Journal of Pediatrics	34
○ Indian pediatrics	70
○ Indian Journal of Medical Research	3
○ Medical Journal Armed Forces India	1

**Guide for research projects of Neonatology / Pediatrics
submitted to NBE / IAP / NNF / Kerala University**

Sl no	Title	Submitted to	Year	Student
1	Accuracy of Hammersmith Neonatal Neurological Examination performed before discharge from hospital, a diagnostic study	NBE	2017-19	GV Sujith Kumar Reddy
2	Microbe detection rate by Culture and Polymerase Chain Reaction (PCR) in the setting of Health care-associated infections (HAI) in the Neonatal Intensive Care Unit (NICU) – A Descriptive Study	NBE	2016-18	Vivek Raju
3	Change in intact outcome of preterm VLBW babies after implementation of early aggressive nutrition strategy	NBE	2016-18	Swati Upadhyay
4	Quality Initiative – Audio Visual aids for invasive procedures in NICU	IAP	2017-18	Fairy Susan Varghese
5	Comparison of two durations of caffeine therapy on recurrence of clinically significant apnea in very preterm infants - A randomized controlled trial	NBE	2015-17	Raj Prakash
6	Exclusive breast milk versus milk feeding for preterm babies: a randomized controlled trial	NBE	2014 - 16	Anand N
7	Thermal regulation in hospitalized stable preterm using isothermal mattress-A Randomised control trial	NBE	2014-16	Shoba Vijayan
8	Prognostic ability of CSF parameters in sick neonates, in predicting development outcome	IAP	2013-14	Saikat Patra
9	Complications associated with peripherally inserted central catheter in neonates admitted to nicu – retrospective audit	NNF	2016-17	Rajesh Kalarikkal
10	Survival and	IAP	2017-	Deepa James

	Neurodevelopmental outcomes of extreme premature babies in India- a retrospective study		18	
11	Outcomes of sick late preterm and term babies	IAP	2017-8	Salini Anand
12	Early parent participation compared to conventional care for preterm babies in the NICU – A randomized controlled trial	NBE	2013-15	Anish Pillai
13	Vitamin D for term Indian babies: a prospective cohort study	NBE	2012-14	Jino Joseph K
14	Diagnostic accuracy of clinical tool STOPS and procalcitonin in early onset neonatal sepsis	NBE	2011-13	Jemila James
15	Neurodevelopmental outcome of late preterm and term babies - A retrospective analysis	NNF	2017-18	Ajay Prakash
16	Comparison of two antibiotics for empiric therapy in neonates at risk for early onset neonatal sepsis- a randomized controlled trial	NBE	2009-11	Vishal V Tewari
17	Prediction of neurodevelopmental outcome of very preterm babies (≤ 33 weeks) using perinatal and neonatal risk factors	NBE	2008-10	Radhika S
18	Duration of respiratory support in VLBW babies in Indian NICU- an Audit	IAP	2014-15	Shivanagouda
19	An audit of neonatal deaths in a tertiary Indian NICU over one decade	NNF	2014-15	James Daniel S
20	Chronic lung disease – study on prevalence, predictive factors and association with aggressive parenteral nutrition	NNF	2015-16	Murugesh Patil
21	Implementation of a standard neurodevelopment follow up program for preterm babies- multi-site prospective study	NNF	2012-13	Taru Kapoor
22	Neurodevelopment outcomes of VLBW Indian newborns – a prospective study	NNF	2014-15	Reshmi M
23	To evaluate the	IAP	2011-	Harpreet

	implementation of potentially best practices in respiratory care in neonates admitted to NICU		12	Singh Juneja
24	Implementation of potentially best practices in nutrition of preterm neonates	IAP	2011-12	Aswathy Rahul
25	Benefits, safety and feasibility of “Early parental participation programme” in care of very preterm babies (< 33weeks)	NNF	2010-11	Bindu Athoor
26	Clinical and radiological parameters in optimizing ventilation	IAP	2010-11	Abey Mathew
27	Quality Initiative: Implementation of potentially best practices in nutrition of preterm neonates	IAP	2012-13	Praveen BK
28	Safety, benefits and feasibility of “Early parental participation programme” in care of preterm babies – a pilot study	IAP	2010 - 11	Rajesh Chandran
29	Safety of shortened course of antibiotic treatment for neonatal sepsis (individualized approach)	IAP	2009-10	Biju M
30	Short term outcome of Indian babies with birth weight of 1250 grams	IAP	2009-10	Sudheer Babu
31	Clingwrap around the body of preterm babies to reduce dehydration and fluid requirement	IAP	2009-10	Hazeena KR
32	Protocol driven escalation of antibiotics in NICU	NNF	2015-16	Abhishek M
33	Perinatal risk stratification of preterm neonates and development outcomes – multi-centre study	IAP	2015-16	Abhishek Phadke
34	Audit of compliance to pain prevention policy in NICU	NNF	2014-15	Benno Andrew
35	Comparison of short term morbidities of babies born late preterm with babies born at term gestation	NBE (paediatrics)	2007-9	Amarjeet S Wagh
36	Neurodevelopment outcomes of Indian preterm (<34 weeks)	IAP	2016-7	Saahil A

	babies at 3 years age			
37	Ventilator care bundles to decrease ventilator associated pneumonia in neonatal ICU	IAP	2014-5	Nihaz Naha
38	Airway diseases in newborn-A Descriptive Study	IAP	2017-8	Shibily Ruhman M
39	Growth of very preterm Indian babies (<33 weeks) till one year of age and relation of head growth with neurodevelopmental outcome	IAP	2008-9	George Jose
40	To evaluate a simple clinical tool "STOPS" as a screening test for predicting immediate neonatal outcomes	IAP	2008-9	Bidhu Pillai
41	Appropriate age for introduction of complementary foods (weaning) to preterm infants: an observational study	NBE (paediatrics)	2008-10	Priya P
42	Early vs Late iron therapy for preterm: RCT	NBE (Pediatrics)	2007-8	Sreeshanth MK
43	Pre-discharge Bilirubin as a screening tool for Neonatal Jaundice in Kerala Population	NBE (paediatrics)	2006-8	Altaf Jameel Khan
44	Decrease in antibiotic use and HAI in VLBW babies after implementing "sepsis care bundles"	IAP	2011-12	Jyoti Prabhakar
45	Quality Initiative to improve Kangaroo Care hours for Preterm (<34weeks) or low birth weight (<2000g) babies	IAP	2016-17	Aparna Balagopal
46	Compliance to potentially better practices in respiratory care of very preterm (<32 weeks)	IAP	2012-13	Dileep K
47	Audit of antibiotic policy in an Indian NICU	NNF	2103-14	Jayanthi Angella
48	Quality Initiative: implementation of potentially best practices in preterm neonates and its effect in postnatal growth failure	IAP	2014-5	Renu Joseph
49	Compliance audit: a follow up program for NICU graduates with a blue book	MSc Kerala University	2013 – 14	Kavitha

	Quality initiative – implementation of a follow up program for NICU babies – blue book	MSc Kerala University	2013 – 14	Smitha K
50	ONGOING RESEARCH WORKS			
51	Metabolic Bone Disease in Preterm Neonates on optimal phosphorous supplementation – a prospective study	NBE	2019-21	Arif AK
52	Change in antibiotic overuse after implementing an antibiotic policy, in suspected late onset neonatal sepsis	NBE	2019-21	Sajina Sathyan
53	Anemia of prematurity requiring transfusions after implementation of 'Blood Conservation Strategies	NBE	2019-21	Vishnu Anand
54	Etiological profile of Ventilator associated pneumonia in neonates- Prospective study	NBE	2018-20	Amrit Tuteja
55	Evaluation of iron status in moderate to late preterm infants - a prospective study	NBE	2018-20	Alok Kumar MK
56	A quality improvement project to reduce noise levels in neonatal ICU	IAP	2019-20	Anila V Panackal

Awards

1. **Awarded National Oration** for Indian Academy of Pediatrics, Disability Chapter
2. **Awarded Annual Oration** for Masonic Children's Hospital, Coimbatore
3. **KIMS students have bagged gold medals for 5 years and one silver medal at the national fellowship exit exams of Neonatology IAP and NNF**
4. **Best scientific paper in "innovation category"** at annual convention of National NNF at Indore 2005
 - Indigenous CPAP controlling the FiO₂

5. **Best scientific paper – GOLD MEDAL** - at annual convention of Kerala state NNF 2007, Trivandrum
- Outcome of Very Preterm babies
6. **Best scientific paper – GOLD MEDAL** - at annual convention of Kerala state NNF 2008, Cochin
7. Comparison of outcome of Late Preterm babies with babies born at term gestation
8. **Best scientific paper – GOLD MEDAL** - at annual convention of Kerala state NNF **2009, Calicut**
9. Short term outcome of babies born with birth weight less than 1250 grams
10. **Best scientific paper – GOLD MEDAL** - at annual convention of Kerala state IAP **2012, Calicut**
11. QI project – nutrition of VLBW
12. **Best scientific paper – GOLD MEDAL** - at annual convention of Kerala state NNF **2013, Calicut**
13. Early parent participation in care of VLBW
14. Selected for **Award Paper in the Community Neonatology** category at Annual Convention of national NNF at Indore 2005 – **“Experiences in setting up of a neonatal transport service”**
15. Selected for **Award Paper** category at Annual Convention of national NNF at Cochin 2002 – **“IL6 as a screening test for Neonatal Sepsis”**

Examiner for

1. Theory exams and OSCE for NBE 2021, 2022
2. Theory exams for IAP, NNF fellowship in neonatology
- 3. Examiner for DNB Neonatology, Hyderabad, 2019**
4. Examiner for IAP Neonatology fellowship exit exam, Thrissur, 2019
- 5. Examiner for DNB Neonatology at SGPGI Lucknow, 2018**
6. Examiner for IAP Neonatology fellowship Exit exam, Mumbai, 2016
- 7. Examiner for DM Neonatology exam, JIPMER, Pondichery, 2014**
8. Examiner for NNF fellowship Exit exam, Bangalore, 2014
- 9. Examiner for DM Neonatology exam, JIPMER, Pondichery, 2013**
- 10. Examiner for DM exam, Neonatology JIPMER, Pondichaery, 2012**
11. Examiner and Exam Coordinator, Trivandrum, IAP neochap, 2012
12. Examiner for IAP fellowship Exit Exam, Cochin
13. Examiner for IAP fellowship Exam, Hyderabad
14. Examiner for IAP and NNF Neonatology Fellowship
15. Neonatology Fellowship examination for Bhartiya Vidyapith
16. Fellowship Examinations in Neonatology, Rajiv Gandhi Institute

Organized as chairperson / secretary

1. Neurology for Neonatologists workshop 2019
2. Difficult airway simulation workshop 2019
3. Nursing CME at KIMS 2018
4. STABLE Post resuscitation, pre-transport stabilization of newborn, certification program 2018
5. Ventilation workshop 2016
6. Neo Neurology CME June 2013 under IAP Neo Chap
7. Newborn 2007; State NNF annual Convention
8. Learning Series BPD
9. Learning Series Extreme prematurity
10. Learning Series Neonatal Surgery
11. Learning Series Neonatal Endocrine
12. Learning Series Antibiotic Stewardship
13. Learning Series ECMO
14. Learning Series Immunodeficiency disorders
15. Exit examination IAP neonatology fellowship
16. **Scientific Program Committee** member for Annual convention of NNF, Patna 2014

Assessor

1. Government Medical College, Trivandrum 2018
2. Max hospital Delhi, 2017
3. Jubilee Medical Mission Hospital, Thrissur 2014
4. Craft Hospital, Kudangalur 2014
5. NICU, Nasik
6. SRMC, Chennai for accreditation for Level 3, 2014

Multi-site research:

- **IAP Neochap**
- Potentially best practices - nutrition
- potentially best practices – respiratory care
- **CDC Kerala**

International presentations

1. 16th congress of federation of Asia and Oceania Perinatal Societies (FAOPS), 2010, new Delhi
2. Debugging our antimicrobial practice, Schenzhen, China 2013
3. Neonatal Ventilation, Colombo, Srilanka, 2008

National Workshop coordinator

Neurodevelopment follow up of infants

1. annual convention of nnf – jaipur 2010
2. annual convention of nnf chennai 2011
3. annual convention of NNF Hyderabad 2013
4. annual conention of NNF Patna 2014
5. IAP Neochap:South zone CME 2014
6. IAP Neochap, Thrissur 2015
7. IAP Neochap – Ranchi 2016
8. IAP Neochap Bangalore, 2019
9. JIPMER neocon 2010

Workshop on other topics

- workshop on neonatal ventilation – for AIIMS and PGI
- workshop on ABG
- workshop on rapid assessment of sick neonates
- Workshop on Journal Club
- Office practice workshop – 2017 IAP Neochap south zone

Personal details

Date of birth: 19th May 1972

Wife: Dr Neetu Gupta, MD, Pediatrics, PGIMER Chandigarh
Dip Allergy and Immunology, Pediatric Asthma
Currently in charge, ER and PICU, KIMS

Daughter 20 year old

Son 13 years old