



Department of Neonatology

JIPMER, Pondicherry



NEOCORE 2019

The Department of Neonatology, JIPMER organized **NeoCORE (Neonatal Conference On Research and Expert talks) 2019 from 29th to 31st March 2019**. This NeoCORE is the third successful edition and a joint academic event by Neonatology, JIPMER in coordination with CMC Vellore and SRMC Chennai. The main focus is on research presentations by Neonatology residents and Expert talks by eminent national faculty. The target audience are Neonatology residents doing DM, DNB or Fellowship, as well as practicing Neonatologists and Paediatric postgraduates. This annual academic event is held in turns in the above three institutes.

Three parallel workshops with specific focus on a) Lactation management and Human Milk banking, b) Neonatal Resuscitation and c) Therapeutic hypothermia for birth asphyxia were held on 29/3/2019. Around 100 participants received hands on training in the above workshops supervised by experienced faculty in the field.

The inaugural function of Neocore 2019 was held on 30/3/2019. Prof. Rakesh Aggarwal Director, JIPMER, Dr. Ashok Deorari Professor & Head, Paediatrics, AIIMS, New Delhi, Dr. Ashok Shankar Badhe, Medical Superintendent, JIPMER and Dr. Adhisivam. B, Additional Professor and Head, Neonatology, JIPMER were present. The conference included more than 50 scientific paper presentations by DM neonatology fellows and Paediatric postgraduates across the country. There were interactive e-posters for neonatal nursing research. Moreover, eminent Neonatology faculty from Delhi, Chandigarh, Hyderabad and Chennai delivered lead-talks on hot topics in Neonatal research. Quality initiatives to improve neonatal care in the country were also discussed. There was also a special session on communication skills for postgraduates and practicing paediatricians. All scientific sessions were very informative and well appreciated. Dr. Vishnu Bhat, former JIPMER Director and Neonatology Professor delivered the prestigious Dr. Shanmugasundaram oration on the topic “Perinatal Asphyxia Management: the path travelled”. On the whole, the conference was a wonderful academic feast for faculty and delegates.

The following were the award winners for different sessions of Neocore 2019:

Presenter's Name	Affiliation	Title of study
Oral Papers		
Dr.S. Thanigainathan	JIPMER	Developing Human Milk based Human Milk Fortifier (HHMF) by Lyophilization in Tertiary care neonatal unit- An Innovative Preclinical study.
Dr. Kulkarni Dattatray Vasantao	Fernandez hospital, Hyderabad	Own Mother's Milk (OMM) usage among VLBW Infants: A Quality Improvement Initiative
Dr. Lakshmi Venkatesh	SRMC, Chennai	Longitudinal follow-up of neurodevelopmental outcomes of preterm infants at 12- and 24-months of corrected age
Mr. S. Kingsley Manoj Kumar	JIPMER	Effect of suppressing inflammatory response on the outcome of neonatal sepsis rat models
Dr. Kirti Gupta	SRMC, Chennai.	40% Dextrose gel in the management of asymptomatic hypoglycemia in at-risk neonates in first 48 hours of life- RCT
Mr. Krishna Rao	JIPMER	Identification of differentially methylated candidate genes and their biological significance in IUGR neonates by methylation EPIC array
Dr. M. Kanchana Devi	Institute of Child Health, Chennai	Diagnostic Validity of Smart Respiration Monitoring Device in Neonates
Dr. Roopesh BVS	JIPMER	Risk factors, clinical and bacteriological profile of surface infections in neonates: A descriptive study.
Interactive E-Posters		
Dr. Chanchal Kumar	JIPMER	Elizabeth kingia sepsis outbreak in NICU- a report
Miss. A. Alageswari	Mother Theresa Institute of Health Sciences	Knowledge and Perception of Postnatal Mothers on Respectful Maternity Care – A Explorative Study
Miss. Shanthini M	Mother Theresa Institute of Health Sciences	Attitude of antenatal mothers on vaginal examination in Selected Hospital in Puducherry

We wish to place on record and appreciate the meticulous planning and hard work by all Neonatology faculty - Dr. Nivedita Mondal, Dr. Nishad Plakkal, Dr. Sindhu S and Dr. Thanigainathan. We also thank the team of Senior residents and office staff for their wonderful coordination. We wholeheartedly thank the administration, stakeholders, faculty and participants for the success of Neocore 2019.





