

CME on  
**“Current Concepts and Recent Advances  
in  
Birth Asphyxia and Cooling”**

**Organised by: IAP Neonatology Chapter & NNF Kerala**

**Hosted by: IAP Thrissur**

**Venue: Mother Teresa Hall, Jubilee Mission Medical College, Thrissur, Kerala - 680005** (Entry and Car Parking @: Gate No:1)

**Faculty**

**Guest Faculty:**

1. Dr B Vishnu Bhat, Dean (Research), Senior Professor & Head, Dept of Neonatology JIPMER, Pondicherry
2. Dr Prakash Manikoth, Senior Consultant in Neonatology, Royal Hospital, Muscat, Sultanate of Oman
3. Dr Sridhar Santhanam, Professor, Dept of Neonatology, CMC, Vellore
4. Dr Suman Rao, Professor & Head, Dept of Neonatology, St John's Medical College, Bangalore
5. Dr Sanjay Wazir, Director Neonatology, Cloudnine Hospital Gurgaon & Secretary, IAP Neonatology Chapter
6. Dr Prakash Amboiram, Professor, Dept of Neonatology, SRMC, Chennai
7. Dr Uma Maheswari, Assoc Professor, Dept of Neonatology, SRMC, Chennai
8. Dr Manish Kumar, Assoc Professor, Dept of Neonatology, CMC, Vellore
9. Dr Bijoy Balakrishnan, Senior Consultant, Fetal Medicine, CIMAR, Edappally, Kochi

**Home Faculty:**

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| 1. Dr P M C Nair (Thiruvananthapuram)  | 2. Dr K K Diwakar (Kochi)            |
| 3. Dr Naveen Jain (Thiruvananthapuram) | 4. Dr T U Sukumaran (Kottayam)       |
| 5. Dr Abraham K Paul (Kochi)           | 6. Dr T V Ravi (Kochi)               |
| 7. Dr Jose Paul (Kochi)                | 8. Dr Preetha Remesh (Kozhikode)     |
| 9. Dr Jacob Abraham (Thiruvalla)       | 10. Dr Nandakumar (Kannur)           |
| 11. Dr Jayachandran (Perinthalmanna)   | 12. Dr Raghavan (Chengannur)         |
| 13. Dr Johny V F (Kochi)               | 14. Dr Radhika (Thiruvananthapuram), |
| 15. Dr Femitha P (Thiruvananthapuram)  | 16. Dr Muraliraj N (Kodungalloor)    |
| 17. Dr Rojo Joy (Kochi)                | 18. Dr Soly Manuel (Angamaly)        |
| 19. Dr Ajay Sankar (Palakkad)          |                                      |

**Host Faculty** (Thrissur): Dr Raveendra Varma, Dr Tanoj KG, Dr Ajay Menon

**Workshop Program**

**Workshop on Therapeutic Hypothermia (18 June 2016, Saturday)**

**Venue:** Mother Teresa Hall (Gate No: 1)

**Time:** 8:00 am – 1:20 pm

**Faculty:** Dr Vishnu Bhat (Lead), Dr Prakash Manikoth, Dr Sreedhar Santhanam, Dr Suman Rao, Dr Prakash Amboiram, Dr Uma Maheswari, Dr Manish Kumar, Dr Femitha P, Dr Muraliraj, Dr Soly Manuel, Dr Ajay Shankar, Mr Reddy (MiraCradle)

**Time Schedule:**

**8:00 am – 8:30 am: Registration & Breakfast**

(Delegates divided into 4 groups: A, B, C & D at the time of registration)

8:30 am: Initiation and Mechanism of action of therapeutic hypothermia – Dr Vishnu Bhat

8:55 am: Proceed for workstations

**Workstations:**

9:00 am- 10:45 am (4 Rotating Workstations x 20 minutes each)

**Station 1: Transport of an Asphyxiated Baby** – Dr FemithaP, Dr Ajay Shankar

**Station 2: Case selection & Protocol** - Dr.Prakash Amboiram, Dr Muraliraj

**Station 3: Cooling device - 'Miracradle'** with multiparameter monitor – Dr Vishnu Bhat, Mr Reddy

**Station 4: Cooling device - Gelpack:** Dr Manish Kumar, Dr Soly Manuel

10:45 am– 11:00 am: Coffee Break

11:00 am – 12:45 pm: (4 Rotating Workstations x 20 minutes each)

**Station 5: Monitoring and complications** - Dr.Suman Rao

**Station 6: Cerebral function monitoring (aEEG)** - Dr.Sreedhar, Dr Tanoj K G

**Station 7: Imaging:** Neurosonogram & MRI - Dr.Uma

**Station 8: Case scenarios** - Dr.Prakash Manikoth,

12:50 pm -1:20 pm: **Open House:** All Faculty

1:20 pm – 1:50 pm: Lunch

2:00 pm onwards: CME on Birth Asphyxia

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**CME on Birth Asphyxia**

**Day 1 (18 June 2016, Saturday):**

**12:30 pm: Registration desk opens for CME**

**12:45 pm – 1:45 pm: Lunch**

**2:00 pm – 4:30 pm: Session 1: Prevention and Delivery Room Management of Asphyxia**

Chair Persons: Dr V K Parvathy, Dr Sugathan M E

CME: Introduction & Learning Objectives:	Dr V C Manoj
Antenatal neuroprotection (Steroids, Mag Sulf, Nutrients, Follow up, BPP etc)	Dr Uma Maheswari
Timing and mode of delivery: (Intrauterine infections, IUGR, GRIT trial, etc)	Dr Bijoy Balakrishnan
Understanding Asphyxia (Pathophysiology)	Dr Prakash Amboiram
<b>Debate:</b> How long should resuscitation continue at birth without heartbeat?	Stop at 10 minutes: Dr Naveen Jain Continue beyond 10 minutes up to 20 minutes: Dr Prakash Manikoth Moderator: Dr P M C Nair
Golden Hour in Neonatology	Dr Sanjay Wazir

<p><b>Interactive Panel Discussion:</b> NRP 2015 – Controversies and Clarifications</p> <ol style="list-style-type: none"> <li>1. Cord clamping Vs milking</li> <li>2. Meconium</li> <li>3. Role of ECG</li> <li>4. Bag &amp; mask Vs T piece</li> <li>5. Medications</li> <li>6. Ethics in resuscitation</li> <li>7. Indian Addendum Vs NRP 2015</li> </ol>	<p><b>Panellists:</b> Dr Prakash Manikoth, Dr Sanjay Wazir Dr Prakash Amboiram, Dr Uma Maheswari, Dr Jacob Abraham, Dr Radhika</p> <p><b>Moderator:</b> Dr KK Diwakar</p>
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**4:30 pm: Tea Break**

**5 pm – 7 pm: Session (2): Supportive Care of an Asphyxiated Newborn**

Chair Person: Dr T M Ananda Kesavan, Dr O Jose

Current guidelines in sepsis management	Dr Suman Rao
Respiratory support in Asphyxia	Dr Naveen Jain
Current guidelines in seizure management	Dr Raveendra Varma
Interpreting ABG	Dr Femitha P
<p><b>Interactive Panel Discussion:</b> Challenges in intensive care:</p> <ol style="list-style-type: none"> <li>1. Neurological Assessment, ..., Modified Sarnat Vs Thompson scores,</li> <li>2. Respiratory Support</li> <li>3. Fluid Management</li> <li>4. Inotropes and Haemodynamics in Asphyxia</li> <li>5. Issues in enteral feeding, etc</li> </ol>	<p><b>Panellists:</b> Dr PMC Nair, Dr Suman Rao, Dr Jayachandran, Dr Nandakumar, Dr Ajay Menon, Dr Rojo Joy</p> <p><b>Moderator:</b> Dr Naveen Jain</p>

**7 pm: Inaugural Ceremony:** Inauguration by: Fr Francis Pallikunnath, Director, JMMC&RI

**7:30 pm: Dinner**

**Day 2 (19 June 2016, Sunday):**

**7:45 – 8:15 am: Breakfast**

**8:30 am – 10:30 am: Session (3): Therapeutic hypothermia and Beyond**

Chair Persons: Dr Remeshkumar R, Dr U G Sundaran

Transport and Preparation for Cooling: An Overview	Dr Prakash Amboiram
<p><b>Debate:</b> Is low tech cooling safe alternative to high tech devices for cooling in India?</p>	<p>Yes: Dr Suman Rao No: Dr Sanjay Wazir Moderator: Dr Prakash Manikoth</p>
<p><b>Interactive Panel Discussion:</b> Cooling in India: Protocol, Priorities and Precautions</p>	<p><b>Panellists:</b> Dr Sridhar Santhanam, Dr Sanjay Wazir, Dr Suman Rao, Dr Manish Kumar, Dr Jose Paul, Dr Tanoj KG</p> <p><b>Moderator:</b> Dr Vishnu Bhat</p>
<p><b>NNF Theme Oration:</b> Management of Birth Asphyxia in India: Challenges and Future</p>	<p><b>Oration by</b> Dr Vishnu Bhat <b>Oration Chair Persons:</b> Dr Remeshkumar R, Dr Santosh M K</p>

**10:30 – 11:00 am: Coffee Break**

**11:00 am – 1:30 pm: Session (4): Post discharge follow up of high risk babies**

Chair Persons: Dr C Jayakumar, Dr E K Suresh Kumar

Recent Advances: Beyond Therapeutic Hypothermia (Drugs, Combinations, Research on Delayed Cooling etc)	Dr Manish Kumar
Follow up of Cooled babies: Indian Data	Dr Sridhar Santhanam
Brief Overview of Neurodevelopmental Assessment	Dr P M C Nair
Hearing Issues in Asphyxia: Kerala Experience	Dr Abraham K Paul
<b>Interactive Panel Discussion:</b> Running a Neurodevelopmental Clinic: 1. Screening of High Risk 2. Resources required 3. Training 4. Tests administered 5. Bailey Vs DASII 6. Follow up protocols 7. Goal Vs Reality, ..... etc	<b>Panellists:</b> Dr P M C Nair, Dr Abraham K Paul, Dr T V Ravi, Dr Johny V F, Dr Raghavan, Dr Preetha Ramesh  <b>Moderator:</b> Dr T U Sukumaran

1:30 pm: Valedictory Function

**1:35 pm: Lunch**

**Registration Details:**

To register by mail, plz send your details and a **DD/At par** Cheque drawn **in favour of "IAP Thrissur"** to

**Dr V C Manoj, Head, Dept of Neonatology, Jubilee Mission Medical College PO, Thrissur- 680005.**

<b>Registration Tariff:</b>	<b>Up to 15 May</b>	<b>15 May to 15 June</b>	<b>From 16 June</b>
CME: Paediatricians	1500	2000	2500
CME: PGs (with letter from HOD)	1000	1500	2500
CME: Nurses	500	1000	2500
Workshop (for all)	500	500 (If available)	NA

**Contact Numbers:** (for Enquiry and Registration)

1. Dr Vinod Jacob Cherian: 9447781276
2. Dr U G Sundaran: 9446228859
3. Dr Mukesh R: 9447054066
4. Dr Sanjeev Kumar: 9447238234
5. Dr V C Manoj: 9388407588
6. CME Office: 0487 – 2432200 –Extn: NICU

**E mail id:** [jubileenicu@gmail.com](mailto:jubileenicu@gmail.com),