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:
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
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

<table>
<thead>
<tr>
<th>CME: Introduction &amp; Learning Objectives:</th>
<th>Dr V C Manoj</th>
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<tbody>
<tr>
<td>Antenatal neuroprotection</td>
<td>Dr Uma Maheswari</td>
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<tr>
<td>(Steroids, Mag Sulf, Nutrients, Follow up, BPP etc)</td>
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<tr>
<td>Timing and mode of delivery:</td>
<td>Dr Bijoy Balakrishnan</td>
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<td>(Intrauterine infections, IUGR, GRIT trial, etc)</td>
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<td>Understanding Asphyxia (Pathophysiology)</td>
<td>Dr Prakash Amboiram</td>
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**Debate:** 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
Interactive Panel Discussion:
NRP 2015 – Controversies and Clarifications
1. Cord clamping Vs milking
2. Meconium
3. Role of ECG
4. Bag & mask Vs T piece
5. Medications
6. Ethics in resuscitation
7. Indian Addendum Vs NRP 2015

Panellists:
Dr Prakash Manikoth, Dr Sanjay Wazir Dr Prakash Amboiram,
Dr Uma Maheswari, Dr Jacob Abraham, Dr Radhika

Moderator: Dr KK Diwakar

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

Interactive Panel Discussion: Challenges in intensive care:
1. Neurological Assessment, ..., Modified Sarnat Vs Thompson scores,
2. Respiratory Support
3. Fluid Management
4. Ionotropes and Haemodynamics in Asphyxia
5. Issues in enteral feeding, etc

Panellists:
Dr PMC Nair, Dr Suman Rao, Dr Jayachandran,
Dr Nandakumar, Dr Ajay Menon, Dr Rojo Joy

Moderator: Dr Naveen Jain

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

Debate: Is low tech cooling safe alternative to high tech devices for cooling in India?
Yes: Dr Suman Rao
No: Dr Sanjay Wazir
Moderator: Dr Prakash Manikoth

Interactive Panel Discussion: Cooling in India: Protocol, Priorities and Precautions
Panellists:
Dr Sridhar Santhanam, Dr Sanjay Wazir, Dr Suman Rao, Dr Manish Kumar, Dr Jose Paul, Dr Tanoj KG

Moderator: Dr Vishnu Bhat

NNF Theme Oration: Management of Birth Asphyxia in India: Challenges and Future
Oration by Dr Vishnu Bhat
Oration Chair Persons: Dr Remeshkumar R, Dr Santosh M K
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 |

**Interactive Panel Discussion:** 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

Panellists: Dr P M C Nair, Dr Abraham K Paul, Dr T V Ravi, Dr Johny V F, Dr Raghavan, Dr Preetha Ramesh

Moderator: 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.

<table>
<thead>
<tr>
<th>Registration Tariff:</th>
<th>Up to 15 May</th>
<th>15 May to 15 June</th>
<th>From 16 June</th>
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<tbody>
<tr>
<td>CME: Paediatricians</td>
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<td>2500</td>
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<tr>
<td>CME: PGs (with letter from HOD)</td>
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<td>CME: Nurses</td>
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<td>Workshop (for all)</td>
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<td>500 (if available)</td>
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**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

**E mail id:** jubileenicu@gmail.com