



## National Mechanical Ventilation, Haemodynamic & ECMO Workshops

In collaboration with

Indian College of Anaesthesiologists (ICA), The Simulation Society(TSS),

Bangalore Chapter of Indian Society of Critical Care Medicine (ISCCM) & University of Minnesota, USA

Date: - 6<sup>th</sup> to 8<sup>th</sup> July 2018

### Organizing Chairman

Dr. Muralidhar K

### Organizing Secretary

Dr. Shivaprasad .C

### Organizing Co-Chairman

Dr. Kumar Belani

### Scientific Committee

Dr. Ratan Gupta

Dr Abhijit Paul

Dr Hemant H R

## Mechanical Ventilation

6<sup>th</sup> July 2018

Time	Topic	Speaker	Moderator
8:30 - 8:50	Physiology of mechanical ventilation	Dr Ghanshyam Jagathkar	Dr Kempachar Dr Amarja
8:50 - 9:10	Modes of Ventilation	Dr Chandrashekar T R Talur	Dr. Rajenderkumar.B
9:10 - 9:20	<b>Discussion</b>		
9:20 - 9:40	NIV in critical care	Dr Jaicob Varghese	Dr Kolli S Chalam Dr Vijay Kumar Annaiah
9:40 - 10:00	Lung ultrasound	Dr Jose Chacko	Reddy Dr. Arun Kumar. A
10:00 - 10:10	<b>Discussion</b>		
10:10 - 10:40	<b>Lamp lighting</b>		
10:40 - 11:00	<b>Coffee break</b>		
11:00 - 11:20	Step-ladder-approach to respiratory failure	Dr Arindam Kar	Dr Vijayanand S Dr. Rangaraj Setlur
11:20 - 11:40	Weaning failure	Dr Raghunath Aladakatti	Dr Kumar Swamy
11:40 - 11:50	<b>Discussion</b>		
11:50 - 12:10	High flow ventilation; Pro-con	Dr Sunil Karanth Dr Justin Aryabhat Gopaldas	Dr Rathna Rao Dr. S.B. Gangadhar
12:10 - 12:30	Recruitment maneuver; Pro-con	Dr Manoj Kumar Singh Dr M N Siva Kumar	Dr Vijaya Kumar H N
12:30 - 12:40	<b>Discussion</b>		
12:40 - 13:00	Challenges in development of indigenous ventilator	Dr G S Umamaheshwar Rao	Dr Aruna C Ramesh Dr Kodandarama NS
13:00 - 13:20	Year review of Critical Care 2017	Dr Ajith Kumar A K	Dr Deepak (MSR)
13:20 - 13:30	<b>Discussion</b>		
13:30 - 14:30	<b>Lunch Break</b>		

### Hands-on Sessions (14:30 - 17:30)

<u>Initiation and Trouble shooting in mechanical ventilation</u>	<u>Graphics</u>	<u>Case Scenarios</u>	<u>Lung ultra Sound</u>	<u>Difficult airway</u>
<b>Mentors</b> Dr Arindam Kar Dr Arjun Alwa Dr Chenamma Dr Kavva (apppo) Dr Kolli S Chalam	<b>Mentors</b> Dr Chandrasekher T R Talur Dr Chetan S Dr Kodandaram NS Dr Manoj Kumar Singh Dr Vimal Bhardwaj	<b>Mentors</b> Dr Aruna C Ramesh Dr Basha Khan Dr Deepak (MSR) Dr Ghanshyam Jagathkar Dr M N Siva Kumar	<b>Mentors</b> Dr Ajith Kumar A K Dr Amarja Dr S B Gangadhar Dr Gagan Dr Jose Chacko Dr Sunil Karanth	<b>Mentors</b> Dr Raghunath Aladakatti Dr Ramakrishna Dr Rathna Rao Dr Shyamaladevi Dr Vijay Kumar H N Dr Vijayanand S
<b>Facilitators</b> Dr Ambika Dr Radhika	<b>Facilitators</b> Dr Kush goyal Dr Nitya Dr Savitri	<b>Facilitators</b> Dr Abhishek Dr Tejas	<b>Facilitators</b> Dr Antara Banarjee Dr Niranjana Dr Rakesh	<b>Facilitators</b> Dr Allauddin Dr Ravindra

Venue: Harold Varnus Auditorium 7<sup>th</sup> Floor, Mazumdar Shaw Medical Center, NH-Narayana Health city, Bangalore



## Haemodynamic Monitoring 7<sup>th</sup> July 2018

Time	Topic	Speaker	Moderator
8:30 - 8:50	Pressure indices in Haemodynamic Monitoring	Dr Amol Kothekar	Dr Arjun (NH)
8:50 - 9:10	Volumetric indices of Haemodynamic Monitoring	Dr Srinivas Jakkinaboa	Dr. S.N. Suresh Dr Sanjay Banakal
9:10 - 9:20	<b>Discussion</b>		
9:20 - 9:40	Cardiac output monitoring	Dr Kuttappa A M	Dr Vasudeva Upadhyaya Dr Pradeep (NH, WF)
9:40 - 10:00	Echocardiography in ICU	Dr Raj Sahajanandan	Dr Prashanth Sajjin Dr Srujay Kantha Mohanty
10:00 - 10:10	<b>Discussion</b>		
10:10 - 10:40	Key note Address by Dr Karyn Baum		Dr. Kumar Belani Dr Radhakrishnan B
10:40 - 10:50	<b>Coffee break</b>		
10:50 - 11:10	Year review of Haemodynamic Monitoring-2017	Dr Pradeep Rangappa	Dr Abhijit Paul Dr Harish K
11:10 - 11:30	Global indices for Haemodynamic Monitoring	Dr Basavaraj	Dr Chinnadurai Dr Murugesan C
11:30 - 11:40	<b>Discussion</b>		
11:40 - 12:00	EGDT: validity in current practice.	Dr Shyam Sundar P	Dr Farooq Ulla Khan Dr Nagaraj Aithal G R
12:00 - 12:20	Tools for assessment of Fluid responsiveness	Dr Rajesh Mohan Shetty	Dr Radhika Dhanpal Dr Harish B R
12:20 - 12:30	<b>Discussion</b>		
12:30 - 12:50	Assessment of diastolic dysfunction	Dr Tapas Kumar Sahoo	Dr Venkatesh Guptha Dr Prabhakar V Dr. Ravi R
12:50 - 13:00	<b>Discussion</b>		
13:00 - 14:00	<b>Lunch Break</b>		
14:00 - 14:30	Simulation in ICU	Dr Aruna C Ramesh	Dr Venkatesh Guptha Dr Prabhakar V Dr. Ravi R

### Hands-on Sessions (14:30 - 17:30)

<u>US for vascular access CVP</u>	<u>PA catheter &amp; Cardiac output</u>	<u>Non PA catheter &amp; Cardiac output</u>	<u>Simulation in ICU</u>	<u>TTE (Fate)</u>
<p style="text-align: center;"><b>Mentors</b></p> <p>Dr Amol Kothekar Dr Arjun Alwa Dr Basavaraj K Dr Chanamma Dr Chinnadurai Dr Pradeep (NH Whitfield) Dr Radhika Dhanpal Dr Sukhen N Shetty</p> <p style="text-align: center;"><b>Facilitators</b></p> <p>Dr Medha Dr Radhika</p>	<p style="text-align: center;"><b>Mentors</b></p> <p>Dr Abhijit Paul Dr Durga Sudheshna Karanam Dr Murugesan C Dr Rajesh M G Dr Sanjay Banakal Dr Sanjay OP Dr Srinivas Jakkinaboa</p> <p style="text-align: center;"><b>Facilitators</b></p> <p>Dr Kush Dr Annuradha D</p>	<p style="text-align: center;"><b>Mentors</b></p> <p>Dr Harish (MM NH) Dr Kuttappa A M Dr Nagaraj Aithal G R Dr Pooja Natrajan Dr Prabhakar V Dr Prashanth Sajjan Dr Vasudeva Upadhyaya</p> <p style="text-align: center;"><b>Facilitators</b></p> <p>Dr Abhishek Dr Deepti Dr. Rakesh</p>	<p style="text-align: center;"><b>Mentors</b></p> <p>Dr Aruna C Ramesh Dr Hariprasad Dr Harish K (HSR) Dr Jeevan Dr Niranjana Dr Priyanka V N Dr Ravi R Dr Roopa K P Dr Srinivas</p>	<p style="text-align: center;"><b>Mentors</b></p> <p>Dr Bhargav Dr Farooq Ulla Khan Dr Pradeep Dr Rajesh Mohan Shetty Dr Sahajanand Dr Sindhu R Dr Tapas Kumar Sahoo Dr Venkatesh Gupta Dr Vimal Bhardwaj</p> <p style="text-align: center;"><b>Facilitators</b></p> <p>Dr Alauddin Dr Mamatha R</p>
Venue: Harold Varnus Auditorium 7 <sup>th</sup> Floor, Mazumdar Shaw Medical Center, NH-Narayana Health city, Bangalore				



## Mechanical Circulatory Support 8<sup>th</sup> July 2018

Time	Topic	Speaker	Moderator
8:30 - 8:50	IABP & other short term VADs	Dr Priya Menon	Dr Narayana Swamy
8:50 - 9:10	LVAD	Dr Julius Punnen	Dr. Anand Bangera Dr Apurba Kumar Borah
9:10 - 9:20	Discussion		
9:20 - 9:40	Physiology of ECMO	Dr James Harmon	Dr Shyamaladevi Dr Santosh Kori
9:40 - 10:00	Indications for ECMO	Dr Yatin Mehta	Dr Sukhen N Shetty Dr Rajesh M G
10:00 - 10:10	Discussion		
10:10 - 10:20	Coffee break		
10:20 - 10:40	VA ECMO	Dr Murali Krishna	Dr Lakshmi R Patil
10:40 - 11:00	VV ECMO	Dr Pradeep Madhivathanan	Dr Basha Khan Dr Naveen (Mysore)
11:00 - 11:10	Discussion		
11:10 - 11:30	Cannulation for ECMO	Dr Varun Shetty	Dr Keshava Murthy S Dr Sriman Narayana
11:30 - 11:50	Weaning from ECMO	Dr Riyan Sukumar Shetty	Dr Sucharita Das Dr Pooja Natarajan
11:50 - 12:00	Discussion		
12:00 - 12:20	Anticoagulation during ECMO	Dr Poonam Malhotra Kapoor	Dr Sanjay O P Dr Manjunath R
12:20 - 12:40	Inter-Hospital Transfer of patients on ECMO in Switzerland	Dr Devdas Thomas Inderbitzin	Dr Sridhar Joshi Dr Durga Sudheshna Karanam
12:40 - 12:50	Discussion		
12:50 - 14:30	Lunch Break		

### Hands-on Sessions (14:30 - 17:30)

<u>TEG &amp; other coagulation monitoring</u>	<u>ECMO</u>	<u>IABP</u>	<u>Short term LVAD</u>	<u>Long term LVAD</u>
<p><b>Mentors</b> Dr Poonam Malhotra Kapoor Dr Santosh Kori Dr Sukhen N Shetty</p> <p><b>Facilitators</b> Dr Punith NC Dr Radhika</p>	<p><b>Mentors</b> Dr Arjun Alva Dr Basha Khan Dr Harmon James Dr Keshav Murthy S Dr Murali Krishna Dr Naveen (MYS) Dr Pradeep Madivathanan Dr Riyan Sukumar Shetty</p> <p><b>Facilitators</b> Dr Kush Dr Shreyas P S</p>	<p><b>Mentors</b> Dr Devdas Thomas Inderbitzin Dr Pooja Natarajan Dr Rajesh M G Dr Varun Shetty</p> <p><b>Facilitators</b> Dr Swathi</p>	<p><b>Mentors</b> Dr Priya Menon Dr Abhijit Paul Dr Apurba Kumar Borah Dr Lakshmi Patil Dr Sriman Narayana</p> <p><b>Facilitators</b> Dr Adithi Dr Niranjana</p>	<p><b>Mentors</b> Dr Durga Sudheshna Karanam Dr Julius Punnen Dr Narayana Swamy Dr Sindhu R Dr Sridhar Joshi Dr Sucharita Das</p> <p><b>Facilitators</b> Dr Alauddin</p>