



WORKSHOP & CME ON  
**OBSTETRIC  
CRITICAL  
CARE**

---

25<sup>th</sup> & 26<sup>th</sup>

May 2024

@ Le Méridien, Coimbatore

Time - 9 am to 5 pm



**ROYAL CARE**  
**HOSPITALS**  
making life better





**Dr. K. Madeswaran**  
Chairman

## CHAIRMAN'S MESSAGE

---

On behalf of the Royal Care Super Speciality Hospital, I welcome you all for the 3rd "ANNUAL RCH ICU UPDATE".

The theme for this year CME will be "OBSTETRIC CRITICAL CARE".

There is a significant paradigm shift within in the field of obstetrics wherein "young and healthy" women are no longer synonymous with pregnancy. Obstetricians are currently faced with the management of chronic medical conditions (i.e., Diabetes Mellitus, Hypertension, Chronic heart disease, and Obesity) as women are becoming pregnant at increasingly older ages due to cultural changes and advancements in assisted reproductive technology.

With an increasing prevalence of chronic medical conditions and the associated potential for decompensation to critical illness among present day parturients, obstetricians find themselves on a new frontier.

Structured approach in the provision of care to the critically ill pregnant patient will serve as a foundation for future attempts to reduce maternal morbidity and mortality. I am sure that this CME will provide clarity, knowledge and skills in enhancing the outcome of critically ill parturient among the clinicians across the specialities.

I wish the organizing committee all the very best in making this year ICU UPDATE a grand success.



**Dr. M. N. Sivakumar**  
Organising Secretary

# ORGANISING SECRETARY'S MESSAGE

---

Greetings from the organizing committee.

On behalf of the Institute of Critical Care Medicine at Royal Care Super Speciality Hospital, it gives me immense pleasure in inviting you for the 3<sup>rd</sup> "ANNUAL RCH ICU UPDATE".

Theme based CMEs conducted by our team over the last two decades had an overwhelming participation and resounding appreciation from Critical Care Physicians, General Practitioners and trainees from different specialities. We are passionate about sharing knowledge and skills across the region to enhance continuum of care in critically ill patients. We as a team take pride in inviting you to this year's edition of scientific session on "OBSTETRIC CRITICAL CARE", which is poised to enrich knowledge and skill through the stalwarts in the field, sharing their expertise.

The scientific programme includes workshop on day 1 which will provide hands on approach in dealing with critically ill parturients. The second day symposium will host an array of didactic lectures, pro - con debate, interesting clinical scenario discussions and interactive question answer sessions. These interesting two days will cater to the needs of Practising Intensivist, Obstetrician, Anaesthetist, Emergency Physician, Internal Medicine Specialist Post Graduate Trainee and Paramedical team. The venue at Le Meridien will provide an apt atmosphere for the academic feast.

Looking forward to seeing you at the stellar CME event.



## Organising Team

### Standing - Left to Right

Dr. Pon Thelac. A. S / Dr. Ram Prasaanth. P / Dr. Ragul. D  
 Dr. Vinothkumar. R / Dr. Malathi. S / Dr. Jayanthi. K / Dr. Indumathi. S  
 Dr. Aathira. K. Jose / Dr. Srinithi. A / Dr. Santhanababu. V  
 Dr. Saeed Shabas. P. V / Dr. Lakshmikanth Charan. S / Dr. Nandakumar. P



**Dr. B. Paranthaman Sethupathi**  
 Medical Director

### Sitting - left to Right

Dr. Sakthivel. M / Dr. Nandakumar. V / Dr. Selvakumar. M  
 Dr. Senthilnathan. T. A / Dr. Sivakumar. M. N / Dr. Vivekananthan. P  
 Dr. Senthilkumar. R. S



**Dr. Mani Senthil**  
 Chief Operating Officer

## Inhouse Faculty



### Dr. Kalyanakumari

MD (OG), Dip. Gyn Endoscopy (Germany), MBA (HA),  
 Consultant Gynaecologist, Infertility Specialist,  
 Advanced Laparoscopic and Robotic Surgeon  
 Royal Care Hospitals, Coimbatore



### Dr. Kalaivani

MS (OG), DNB (OG), MNAMS, MRCOG (UK),  
 Consultant Obstetrician and Gynaecologist  
 Royal Care Hospitals,  
 Coimbatore



### Dr. P. Sampathkumar

MD, DNB, PDCC  
 (Cardiovascular Imaging and Vascular Intervention)  
 Consultant Interventional Radiologist  
 Royal Care Hospitals, Coimbatore

# Invited Faculty



## Dr. Chaitanya JSK

MBBS, DNB (Int.Medicine), IDCCM, EDIC,  
Head of the Department,  
Consultant Critical Care Medicine, KIMS hospitals,  
Gachibowli, Hyderabad



## Dr. Pailey

MBBS, MD, MRCOG, FRCOG  
Senior Consultant in Obstetrics and Gynaecology  
Rajagiri Hospital, Aluva,  
Kerala



## Dr. Pradeep Rangappa

MBBS, DNB (Int. Med), FJFICM, EDIC, FCICM, PGDip ECHO,  
MBA(HCS), FICCM, PGDMLE (NLSUI)  
Senior Consultant at Intensive Care Unit, Yeshwanthpur  
Manipal Hospitals, Bangalore



## Dr. Ram E Rajagopalan

MBBS, AB (Internal Medicine), AB (Critical Care)  
Head of the Department of Critical Care Medicine  
Sri Ramachandra Medical College Hospital,  
Chennai



## Dr. Senthur Nambi

MBBS, MD (Gen Medicine), FNB (Infectious diseases)  
Senior Consultant, Infectious Diseases and Co-chair  
Hospital Infection Control Committee,  
Apollo Hospitals, Chennai



## Dr. Srinivas Samavedam

MBBS, MD (Int.Medicine), DNB (Int.Medicine),  
FNB (Critical Care Medicine), EDIC, FICCM  
Chief Critical Care Specialist,  
Ramdev Rao Hospital, Hyderabad



## Dr. Sumana Manohar

MBBS, MRCOG, FRCOG  
Senior Consultant in Obstetrics and Gynaecology  
Apollo Hospital, Chennai



## Dr. Tarakeswari

MBBS, MD (OG)  
Head of the Department of Obstetric Medicine  
Fernandez Hospital  
Hyderabad



## Dr. Uma Ram

MBBS, DGO, DNB (OG), MRCOG, FRCOG  
Director and Lead Consultant in Obstetrics and  
Gynaecology, Seethapathy Clinic and Hospital  
Chennai

# DAY – 1

# OBSTETRIC CRITICAL CARE

## WORKSHOP

Saturday, 25<sup>th</sup> May 2024

Time: 9 am to 5 pm

### Three Critical Care Stations



### Three Obstetric Stations



### MEGACODE Maternal Code Blue Demo



### Just Ask Me Anything (JAMA)

## CRITICAL CARE STATION: RESUSCITATION

- BLS and ALS in pregnant lady
- Brady, Tachyarrhythmias – Defibrillator hands on use
- Crash Cart set up, commonly used drugs and dilutions – Atropine, Adrenaline, Magnesium, Bicarb, Furosemide, Calcium, Potassium, Amiodarone
- Primary survey / management of trauma in pregnancy

## CRITICAL CARE STATION: OXYGEN THERAPY, AIRWAY AND VENTILATION

- Oxygen delivery devices
- Bag valve mask ventilation and use of airway adjuncts
- NIV and HFNC
- Intubation preparedness, airway management and challenges
- FONA – Front Of Neck Airway – when, where and how to do ?

## CRITICAL CARE STATION: HAEMORRHAGIC SHOCK – CRITICAL CARE MANAGEMENT

- Recognition and initial management of Shock
- IV access, Intra osseous Needle use
- Fluid resuscitation – when, which and how
- Inotropes use and choices
- Clinical assessment and quantifying blood loss
- Blood and blood components – when, what and endpoints
- Coagulopathy monitoring and correction
- Massive transfusion protocol
- Know your Gadgets – fluid warmer, infusion and syringe pumps

## OBSTETRIC WORKSTATION

### HAEMORRHAGE

- Dealing with Haemorrhage – Protocolized care discussion
- Know your gadgets: Bakri balloon, ligature practice, step wise devascularization

### RESUSCITATION

- Resuscitative Hysterotomy

### ECLAMPSIA

- Essential monitoring
- Eclampsia drill

DAY – 2

## OBSTETRIC CRITICAL CARE

**CME**

Sunday, 26<sup>th</sup> May 2024

Time: 9 am to 5 pm

### SESSION – I

- Anatomical and Physiological changes in Pregnancy – Clinical Implications
- Triage – Rapid Initial Assessment of Critical Obstetric Patient and when to transfer
- Maternal Cardiac Arrest

#### KEYNOTE LECTURE

**“Why do mothers die – what have we learnt over the years”**

### SESSION – II

- Hypertensive Emergencies in Pregnancy including HELLP
- Peripartum Cardiomyopathy – diagnostic elusiveness and management strategies
- Embolic Catastrophes – Amniotic and Pulmonary Embolism

## Key features of CME

### Interesting Topics



### Experienced National Faculty



### Interactive Sessions



### Good Take Home Points

### Target Audience

Practising Intensivist  
Obstetrician, Anaesthetist,  
Emergency Physician,  
Internal Medicine Specialist  
Post Graduate Trainee  
and Paramedical team

## SESSION – III

### PANEL DISCUSSION

**Peripartum Haemorrhage : “Collaborative Team – Playing your strengths for optimal Care and Outcome”**

Obstetric, Critical Care and Interventional Radiology View Points

## SESSION – IV

- Sepsis in Obstetric patient
- Tropical diseases during pregnancy

### CASE SCENARIO BASED LEARNING SESSION

**“How to minimise and deal with medico legal issues related to Obstetric Critical Care”**

**– Emphasis on Documentation and Communication**

## SESSION – V

- Liver disease in Pregnancy
- Trauma in Pregnancy
- Respiratory failure in Pregnancy

**APPLIED FOR TNMC  
CREDIT POINTS**





## About our ICU

### PAPERLESS ICU

- Integrated Electronic Charting System aimed to enhance nursing efficiency and minimize errors
- One among the few Indian centres to successfully implement it to the fullest extent

### BEST PRACTICES

- ECMO retrieval of sick patients
- Primary PCI programme
- Acute stroke thrombolysis / thrombectomy
- Aneurysmal coiling and clipping
- Comprehensive ARDS care including Prone & ECMO
- Hypothermia for Cardiac arrest survivors
- Multi-organ support for septic shock
- Advanced hemodynamic & Neuro monitoring includes
  - Cardiac output, ICP & EEG
- ICU Outreach in ward
- ICU Follow up clinics

### REFERRAL CENTER FOR

Acute Coronary Syndrome

Polytrauma

Obstetric Emergencies

ARDS

Acute Stroke

Aneurysmal Bleed

Poisoning

Envenomation

Acute Kidney Injury

Severe Sepsis / Septic Shock

Gastro Intestinal Emergencies

## ICU Team



Allied health personnel - Respiratory therapists, Physiotherapists, Clinical Pharmacists, Nutritionists, Infection control nurses as regular members of the ICU team



Physicians with structured Intensive Care training and extensive experience available round the clock



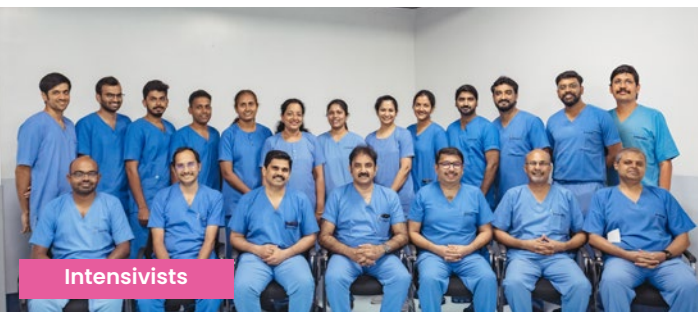
Nursing staff with formal Intensive Care training provide 24/7 care



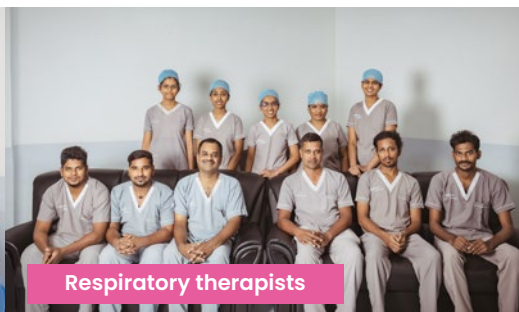
Nurse-Patient ratio appropriate to the patient needs



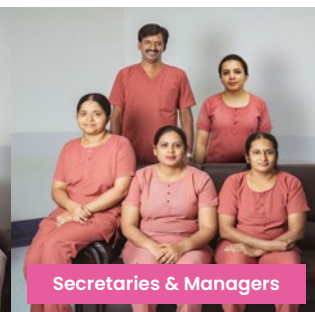
24/7 consultant back up from all specialities



Intensivists



Respiratory therapists



Secretaries & Managers



Sr. Nursing Team



Physiotherapists



Clinical Pharmacists



House Keeping



Nutritionists



Security Personnel





**“TEAM – Together Everyone Achieves More“**

## **COURSES OFFERED IN OUR ICU**

### **Doctor**

Doctorate of National Board (DrNB)  
Indian Diploma in Critical Care Medicine (IDCCM)  
Fellowship in Neuro Critical Care (FNCC)

### **Respiratory Therapist**

Advanced Certification in Respiratory Technology (ACRT)  
Fellowship in Advanced Respiratory Care (FARC)

### **Nurses**

Indian Diploma in Critical Care Nursing (IDCCN)

### **Medical / Paramedical / Community**

American Heart Association (AHA) – BLS/ACLS

## Tariff Details

Category	CME	Workshop	CME + Workshop
Post Graduates/ Paramedics	1500	1500	2500
Consultants	2000	2000	3500
Spot Registration	2500	----	----

Note: • Workshop on a first come basis

• No Spot Registration for workshop

• Charges inclusive of GST

Scan the QR Code

For  
Registration



or

Click here to Register

### Organising Secretary :

Dr. M. N. Sivakumar

Head- Institute of Critical Care Medicine

Royal Care Super Speciality Hospital

Contact : +91 98422 49230

### Venue :

Le Méridien, Coimbatore

762, Avinashi Road, Neelambur,

Coimbatore – 62 , Tamil Nadu.

For Further information

[www.rciccm.com](http://www.rciccm.com)

[rciccm@gmail.com](mailto:rciccm@gmail.com)



**ROYAL CARE**  
**HOSPITALS**  
making life better



### Address for communication :

**The Conference Secretariat**, Mrs. V. Sujithra – +91 96888 50880

Marketing Department, Royal Care Super Speciality Hospital Ltd

No. 1/520, Neelambur, Coimbatore – 641062

Phone : 0422 222 7098 [marketing@royalcarehospitals.in](mailto:marketing@royalcarehospitals.in)

[www.royalcarehospitals.in](http://www.royalcarehospitals.in)