



# RESCARE 2015

KMCH ICU UPDATE 2015



## 9<sup>TH</sup> NATIONAL CONFERENCE OF INDIAN ASSOCIATION OF RESPIRATORY CARE (IARC)<sup>REG</sup>

Organized By  
DEPARTMENT OF CRITICAL CARE MEDICINE  
KOVAI MEDICAL CENTER AND HOSPITAL  
Coimbatore - 641014

Date : 16<sup>th</sup> - 18<sup>th</sup> October 2015  
Venue : KMCH Auditorium





**DR. NALLA G PALANISWAMI**  
Chairman

## CHAIRMAN'S MESSAGE

Kovai Medical Center and Hospital welcomes you for the 9<sup>th</sup> National Conference of the Indian Association of Respiratory Care. The respiratory therapy profession in India is expanding substantially with multiple institutions providing training programmes. Many new graduates are being employed in hospitals, industries, research and educational institutions all over the country.

Respiratory therapists are involved in initiation, maintenance and weaning of patients in invasive and non-invasive ventilation. They are also involved in various respiratory procedures like aerosol therapy, humidification, chest physiotherapy, transport of critically ill and in-hospital resuscitation. They assist pulmonologists in pulmonary function testing, bronchoscopy, sleep study, interventional procedures and pulmonary rehabilitations.

Keeping this in mind, Indian Association of Respiratory Care and Department of Critical Care Medicine, Kovai Medical Center and Hospital is organizing a National Conference on Respiratory Care from 16<sup>th</sup> to 18<sup>th</sup> October, 2015.

During this conference, common pulmonary problems requiring respiratory management will be discussed and current lines of management as well as recent advances will be deliberated. I wish the conference, the very best to make it a grand success.



**DR. M N SIVAKUMAR**  
Organizing Chairman

## ORGANIZING CHAIRMAN'S MESSAGE

It's my pleasure to invite you all for RESCARE 2015. Department of Critical Care Medicine conducts **KMCH ICU Update** (theme based CME) for the past 10 years, which is widely appreciated and well attended by critical care practitioners and trainees.

Majority of ICU admissions are for respiratory problems like Pneumonia, Chest Injury, ARDS and Pulmonary Embolism or patients developing these complications during ICU stay. With this background, respiratory therapy as a subspecialty assumes lot of importance in patient care. Respiratory therapy is still a young speciality in India and RESCARE 2015 is the 9<sup>th</sup> Annual Congress.

On 16<sup>th</sup> October we have pre conference workshop focusing on how to take care of patients on Mechanical Ventilation. It focuses on various basic issues like basic ventilator settings, monitoring of patients on mechanical ventilation, suctioning, humidification, aerosol therapy, nutrition, weaning and troubleshooting. This workshop also includes an exclusive session on Basic Life Support and Advanced Cardiac Life Support.

Main conference on 17<sup>th</sup> and 18<sup>th</sup> October will review the topics of major clinical importance in an evidence based manner. This conference includes very good faculty, who are well experienced and have done a lot of original research in their respective areas.

**It will be very useful to Respiratory Therapists, Critical Care Nurses, Intensivists, Pulmonologists, Anaesthesiologists and Post graduates.**

Looking forward to see you in Coimbatore.



## ORGANIZING TEAM

### PATRON

**Dr. Nalla G Palaniswami**

Chairman

### ADVISORY PANEL

**Dr. V. Kumaran**

Dean

**Dr. N. Murugan**

Medical Director

**Dr. N. Selvarajan**

HOD – Dept. of Anaesthesiology

**Dr. V.R. Pattabiraman**

Head – Dept. of Pulmonology

**Dr. D. Sujeetha**

Director - Allied Health Science

### ORGANIZING CHAIRMAN

**Dr. M.N. Sivakumar**

Head – Dept. of Critical Care Medicine

### CO-ORGANIZING CHAIRMAN

**Mr. M. Radhakrishnan**

Respiratory Therapist

### ORGANIZING SECRETARY

**Dr. R.S. Senthilkumar**

Consultant Intensivist

### CO-ORGANIZING SECRETARY

**Mr. Vijay S. Saravanaraj**

Respiratory Therapist

### TREASURER

**Dr. T. Gopinathan**

Consultant Intensivist

### EXECUTIVE COMMITTEE MEMBERS

**Dr. P. Vivekanandan**

Consultant Intensivist

**Dr. V. Nandakumar**

Consultant Intensivist

**Dr. P. Nandakumar**

Consultant Intensivist

**Dr. Lakshmikanthcharan**

Consultant Intensivist

**Mr. M. Satheesh**

Respiratory Therapist

**Mr. K. Jayakumar**

Respiratory Therapist

**Mr. Mohamed Hisham**

Clinical Pharmacist

### WORKSHOP CO-ORDINATORS

**Dr. S. Yuvaraj / Mr. S. Dineshkumar**

**Dr. V. Arunkumar / Mr. U. Anandkumar**

**Dr. T. Nandini / Mr. R. Muthukumaresan**

**Dr. V.M. Parvathy Narayanan / Mr. M. Periyasamy**

**Dr. T. Saraswathi / Mr. J. Suresh**



## IARC MEMBERS

### PRESIDENT

**Dr. Anitha Shenoy** Professor & Head - Anaesthesiology, KMC, Manipal

### VICE PRESIDENT

**Dr. Suresh G Nair** Sr. Consultant, Dept of Anaesthesiology, Pain & Critical Care Services, Aster Medcity, Cochin

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**Mr. H. Arthur Sadhanandham** Sr. Instructor and Course Co-ordinator, Critical Care Therapy, CMC, Vellore

### TREASURER

**Ms. Tisha Ann Skariah** Assistant Professor, Respiratory Therapy, SOAHS, Manipal

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**Prof. Vijay Deshpande** Emeritus Professor, Georgia State University, USA

### EXECUTIVE COMMITTEE

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**Ms. Saumy Johnson** Saudi Arabia

**Mr. Manjush** Saudi Arabia

**Mr. Jithin** Saudi Arabia

**Ms. Prachi Tambur** Pune

**Mr. Chandan** Mysore

**Mr. Vijay S. Saravanaraj** Coimbatore

**Mr. Binu** Cochin

### ADVISORY BOARD

**Dr. D.J. Christopher** Vellore

**Dr. Vijiyakumar** Sikandrabad

**Dr. Vijayalakshmi** Chennai

**Prof. Vijay Deshpande** USA



- BASIC MODES OF MECHANICAL VENTILATION
- MONITORING OF PATIENTS ON MECHANICAL VENTILATION
- TROUBLESHOOTING OF PATIENTS ON MECHANICAL VENTILATION
- WEANING OF PATIENTS ON MECHANICAL VENTILATION
- CARE OF PATIENTS ON MECHANICAL VENTILATION - PART I
- CARE OF PATIENTS ON MECHANICAL VENTILATION - PART II
- NON - INVASIVE VENTILATION
- BASIC LIFE SUPPORT / ADVANCED CARDIAC LIFE SUPPORT

**NOTE :**

REGISTRATION FOR WORKSHOP LIMITED TO 100 DELEGATES

WORKSHOP PARTICIPANTS ATTENDS ALL THE 8 STATIONS ON A ROTATIONAL BASIS



#### KEYNOTE LECTURE

- RESPIRATORY THERAPY IN INDIA – PAST, PRESENT & FUTURE - RT'S PERSPECTIVE
- RESPIRATORY THERAPY IN INDIA – PAST, PRESENT & FUTURE - PHYSICIAN'S PERSPECTIVE
- PHYSIOLOGY OF RESPIRATORY FAILURE - CLINICAL ASPECTS
- INTERPRETATION OF ABG & CXR - UNDERSTANDING NUMBERS AND SHADOWS
- INTERPRETATION OF PULMONARY FUNCTION TEST
- APPROACH TO VENTILATOR GRAPHICS
- INFECTION CONTROL PRACTICES IN RESPIRATORY THERAPY
- TRANSPORT OF CRITICALLY ILL PATIENTS - RT'S ROLE
- HIGH FLOW OXYGEN THERAPY - WHAT'S NEW ?
- BASICS OF AEROSOL THERAPY & HUMIDIFICATION
- APPROACH TO DIFFICULT AIRWAY
- RESPIRATORY THERAPY BEYOND HOSPITALS - HOME CARE

- MEET THE EXPERTS SESSION
- BASICS OF NEONATAL VENTILATION
- ADVANCED MODES OF MECHANICAL VENTILATION
- NON - INVASIVE VENTILATION - DO'S & DON'TS
- CURRENT APPROACH TO ARDS VENTILATION
- HOW DO I MANAGE :
  - COPD VENTILATION
  - DIFFICULT WEANING
  - PATIENT - VENTILATOR DYSSYNCHRONY
- DIAGNOSIS & MANAGEMENT OF PULMONARY THROMBOEMBOLISM
- ROLE OF RESCUE THERAPY - ECMO & HFOV
- HELIOX & INHALED NITRIC OXIDE - IS IT USEFUL ?





### INVITED FACULTY

#### **Dr. ANITHA SHENOY**

Professor & Head - Anaesthesiology, KMC, Manipal

#### **Mr. H. ARTHUR SADHANANDHAM**

Sr. Instructor and Course Co-ordinator, Critical Care Therapy, CMC, Vellore

#### **Dr. ARVIND BHOME**

Professor - Pulmonology, Pune

#### **Dr. BABU K. ABRAHAM**

Sr. Consultant Intensivist, Apollo Hospitals, Chennai

#### **Dr. D.J. CHRISTOPHER**

Head - Department of Pulmonary Medicine, CMC, Vellore

#### **Dr. RAM E. RAJAGOPALAN**

Head - Department of Critical Care Medicine, Sundaram Medical Foundation, Chennai

#### **Prof. VIJAY DESHPANDE**

Emeritus Professor, Georgia State University, USA

## INHOUSE FACULTY

### Dr. ARJUN SRINIVASAN

Consultant Pulmonologist

### Dr. T. GOPINATHAN

Consultant Intensivist

### Dr. S. MAHADEVAN

Consultant Pulmonologist

### Dr. V.R. PATTABIRAMAN

Head - Department of Pulmonology

### Mr. M. RADHAKRISHNAN

Respiratory Therapist

### Dr. M.N. SIVAKUMAR

Head - Department of Critical Care Medicine

### Dr. A.R. SRINIVASAN

Incharge - Neonatal Intensive Care Unit

### Dr. P. VIVEKANANDAN

Consultant Intensivist



## POSTER PRESENTATION

### INSTRUCTIONS FOR ABSTRACT PREPARATION – POSTER PRESENTATION

- **LANGUAGE:** All material has to be submitted in English only (Arial, Font size 12)
- **WORD LIMIT:** The abstract must be written in 300 words or less. Abstract should include the title, names of the presenting author, co-authors and institution.
- All abstracts must be sent in Microsoft Word format (.doc, .docx) and not in PDF formats.
- **POSTER SPECIFICATIONS:** The poster size is 4' height and 3' wide.
- **ACCEPTANCE:** Selected abstracts for poster presentation will be informed by email.
- **ABSTRACT SUBMISSION:** Abstracts must be sent to [respcarekmch@gmail.com](mailto:respcarekmch@gmail.com)
- **DEADLINE:** All abstracts must be received by 10<sup>th</sup> October, 2015.

Three Best Posters will be awarded

## ✓ REGISTRATION DETAILS

CATEGORY	STUDENT		IARC MEMBERS		NON - IARC MEMBERS	
	PRE REGISTRATION	SPOT REGISTRATION	PRE REGISTRATION	SPOT REGISTRATION	PRE REGISTRATION	SPOT REGISTRATION
WORKSHOP	Rs. 750	Rs. 1000	Rs. 1000	Rs. 1250	Rs. 1250	Rs. 1500
CONFERENCE	Rs. 1000	Rs. 1250	Rs. 1250	Rs. 1500	Rs. 1500	Rs. 1750
WORKSHOP+ CONFERENCE	Rs. 1500	Rs. 1750	Rs. 1750	Rs. 2000	Rs. 2000	Rs. 2500

### NOTE :

Student has to produce bonafide certificate from their department head

## 🧩 QUIZ

**Date: 17<sup>th</sup> October, 2015 | Time : 4.30pm - 5.30pm**

**Eligibility : Respiratory Therapy students.**

**Attractive prizes for winners**

## 👥 GENERAL BODY MEETING

**Date: 17<sup>th</sup> October, 2015**

**Time : 4.30pm - 5.30pm**



## HOTEL DETAILS

HOTEL	NON AC (FOR 2 PERSON)	AC (FOR 2 PERSON)	CONTACT NO.	DISTANCE TO VENUE
The KR Residency	-	4800	+(91)-422-3358362	Walkable
The Arcadia	-	2400 - 3000	+(91)-422-3359634	Walkable
The Acacia Hotel	1500	2500	+(91)-422-3361636	0.5 km
Sree Murugan Hotel	1700	2000	+(91)-422-3357825	Walkable
Hotel Gowtham	700 – 1000	1800	+(91)-98436 12823	Walkable
SBS Lodge	650	1050	+(91)-99422 76111	Walkable
Sri N A Residency	850	1450	+(91)-98940 70922	Walkable
ILLAS (Service Apartment)	For 6 person – 4500 (3 Bedroom flat)		+(91)-422-3357098	7 km
Tulips (only for ladies)	250 / Person (3 Person in a room)		+(91)-90920 77200	Walkable

### DISTANCE TO VENUE :

From Airport : 1 km | From Railway Station : 10 kms | From Town Bus Stand : 10 kms

For further details about Accommodation & Travel :

**Mr.S. Kannan** +91 98947 48956

**Mr.R. Lakshmanan** +91 99429 31656



## ABOUT COIMBATORE CITY

Coimbatore is one of the largest cities in Tamil Nadu, situated on the banks of river Noyyal. Popularly known as Manchester of South India and known for its entrepreneurship. In the recent years, Coimbatore has become an important health hub in South India.

### ISHA YOGA CENTER

The Isha Yoga Center, founded under the Isha Foundation is set at the foothills of the Velliangiri Mountains (about 30 Kms from Coimbatore). This is a popular destination which attracts people from all parts of the world and is unique in its offering of yoga.



### OOTY

The misty blue haze of Nilgiris and the fragrant rain forests lure millions of tourists to Ooty every year. It is situated at an altitude of 2268 meters above sea level. The smaller hill resorts adjoining Ooty - Coonoor & Kotagiri have the same dewy fresh mornings and breezy calm evenings of Ooty. Other tourist attractions are Nilgiri Mountain Railway, Botanical Garden, Rose Garden, Doddabetta, Pine Forest, Tea Factory & Pykara Lake. Trout fishing is a popular sport at Avalanche Lake about 24 kms away from Ooty. Accommodation is available in various categories from star hotels to budget hotels and dormitories.



## TOPSLIP & ANAMALAI WILDLIFE SANCTUARY

A picturesque locale in the Anamalai Hills. It is about 37 Kms from Pollachi (about 90 Kms from Coimbatore). There are also many places of scenic beauty such as Karain shola, Anaikunthi shola, Grass hills, waterfalls, groves, teak forests, estates, dams and reservoirs. The wildlife sanctuary is situated at an altitude of 1,400 meters in the western ghats near Pollachi. It has various kinds of exotic fauna like elephant, gaur, tiger, panther, sloth bear, pangolin, black headed oriole, green pigeon and civet cat. The Amaravathy reservoir in the Anamalai has a large number of crocodiles. Arrangements are available at Topslip to take tourists around the Sanctuary on elephant back or by van. There are bungalows available within the sanctuary for accommodation. For thrill seekers, stay is also available in a tree house.



## PARAMBIKULAM

The project consists of a series of dams interconnected by tunnels and canals for harnessing the Parambikulam, Aliyar, Nirar, Sholiar, Thunakadavu, Thekkadi and Palar rivers, lying at various altitudes. The scheme is an outstanding example of engineering skill. It is located in Anamalai range and is ideal for picnics. Overnight stay is possible in forest rest houses. A tree-top house provides accommodation for the adventurous.



## MUDUMALAI WILD LIFE SANCTUARY

Situated 67 kms away from Coimbatore, the sanctuary's dense vegetation and favourable climate attract a variety of wild animals like tigers, leopards, elephants, deer, snakes and birds. Elephant rides are a major draw. Dormitory and hotel accommodation are available within the sanctuary.



**DAY 1**

16<sup>TH</sup> OCTOBER 2015

PRE CONFERENCE WORKSHOP

**DAY 2 & 3**

17<sup>TH</sup> & 18<sup>TH</sup> OCTOBER 2015

MAIN CONFERENCE

**TARGET AUDIENCE**

RESPIRATORY THERAPISTS | CRITICAL CARE NURSES | INTENSIVISTS  
PULMONOLOGISTS | ANAESTHESIOLOGISTS | POST GRADUATES

For more details please visit [www.kmchicu.com](http://www.kmchicu.com)



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