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**15-16
NOVEMBER
2019**

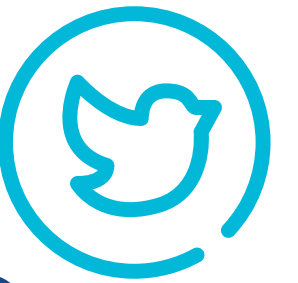
13th National Conference of
The Indian Association of Respiratory Care

RESCARE'19

**Department of Respiratory Medicine
Department of Critical Care
Department of Respiratory Therapy**

*AJ Institute of Medical Sciences & research
Mangalore- Karnataka*

Email: rescare@iarc.in, info@iarc.in



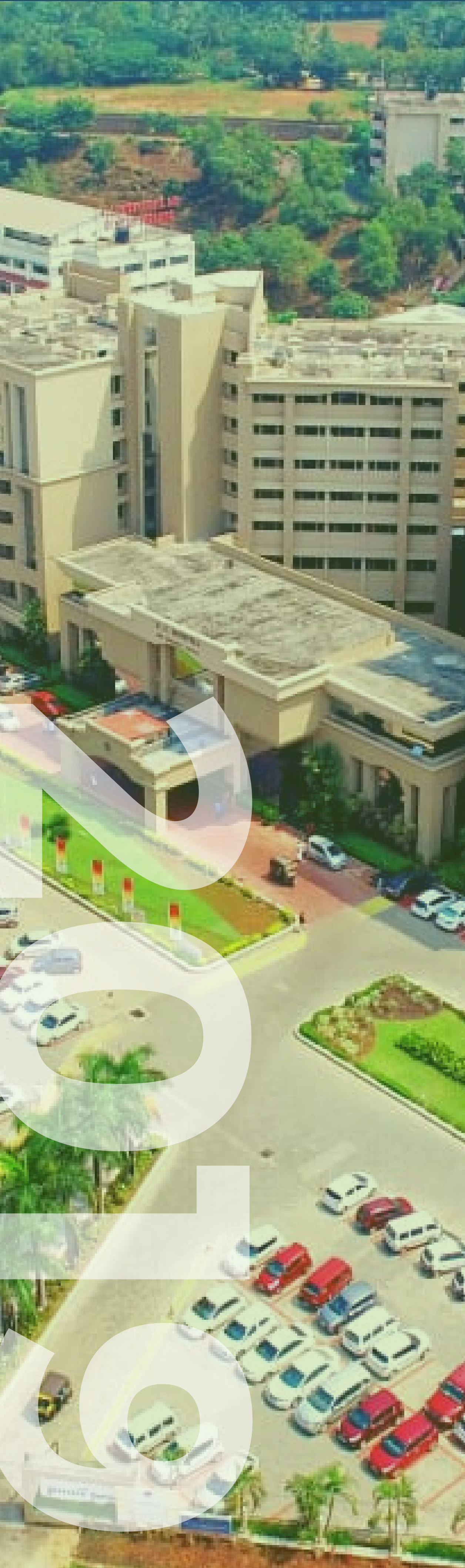
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ABOUT RESCARE

RESCARE'19 conference will serve as a forum where researchers, scholars, policy makers and practitioners in respiratory therapy will have an opportunity to exchange ideas and learn from the traditional practitioners from various states in the country and around the world. In turn, the traditional practitioners will discover emerging research and best practices presented by scholars and practitioners at the conference. The outcome of the exchange, inquiry and discussion will inform the national and international community on the roles and importance of the respiratory care profession as a whole.

- Discuss, learn and understand the challenges and prospects of respiratory therapy as a profession.
- It is our intention to offer a platform for innovative and critical thinking skills to aid and advance a Respiratory Therapist in his or her professional career.
- Development of a comprehensive model of respiratory care practices.
- The international and national medical community's recognition and acknowledgement of the respiratory therapy profession and practices in India.
- Publication of the conference proceedings in the Indian Journal of Respiratory Care (IJRC) to provide resources and support to the work of researchers, policymakers and supreme authorities.
- Finally, it is our desire for this conference to have each attendee leave with a sense of reassurance and an increase appreciation of the Respiratory Therapy Profession.





PROGRAMME HIGHLIGHTS

- **Research in Respiratory Care**
- **Essentials of Respiratory Care**
- **Core Critical Care Tracks**
- **Pulmonary Rehabilitation**
- **Respiratory Care Beyond ICU**
- **Mechanical Ventilation**
- **Neonatal Respiratory Care**
- **Meet the Stalwarts**
- **Key note address**
- **Quiz Competitions**
- **Cultural Programmes**
- **Networking**

Day 1 (15.11.2019)

SCIENTIFIC PROGRAMME

Time : 09.00am-10.00am

Theme: Research in Respiratory Care

Introduction to clinical research and its scope for Respiratory Therapists

Ms Moumita Chakraborty BScRT, MScRT

Lecturer, Dept. of Respiratory Therapy, Narayana Health Foundations

Types of clinical research, Simplified for RT's

Mr. Jithin K Sree BSc RT, MScRT

General Secretary, IARC

Protocol writing in Clinical Research

Dr Saamy Johnson Bsc RT, MSRT, PhD, RPSGT

Asst. Professor and Vice-Chair Dept. of Respiratory Therapy, Inaya-Riyadh

Time : 11.20am-12.40am

Theme: Mechanical Ventilation

Mechanical ventilation & its effect on Acid-base Balance in respiratory diseases

Dr Saamy Johnson Bsc RT, MSRT, PhD, RPSGT

Asst. Professor and Vice-Chair Dept. of Respiratory Therapy, Inaya-Riyadh

Patient- Ventilator Interactions

Mr. Arthur Sadhanandham

Vice President, IARC

Ventilation in Tracheostomized Patients.

Dr. Manjush Karthika PhD

Program Lead, Asst. Professor, Khawarizmi International College, Abu Dhabi

Ventilator Troubleshooting

Ms. Sumi Varghese. BSc RT, MSc RT

Asst. Professor, Department of Respiratory Care, KMC Mangalore

Time : 03.30pm-04.00pm

Theme: Neonatal Respiratory Care

Ventilator Management In Infant Respiratory Distress Syndrome & Use of Surfactant

Dr. Shriyan Ashvij. MD Pediatrics & Fellowship in Neonatology.

Consultant Neonatologist, AJIMS

Preliminary Rounds

10.30am

Quiz Competition

Quiz Master: Dr. Vishnu Sharma

Time : 10.00am-11.00am

Theme: Pulmonary Function Testing

Standardization of Spirometry 2019

Mr. S. Selva Kumar BSc RT,

Respiratory Therapist, Dept. of Pulmonary Medicine, CMC, Vellore

Fundamentals of IOS

Dr Arun Jude Alphonse MRCP, Fellow in Cardiology.

Dept. of Respiratory Medicine, AJIMS

Case Scenarios from Lung Function Testing

Dr. Irfan MD

Dept of Respiratory Medicine, Yenapoya Medical College

01.15pm - 02.15pm
Quiz competition-Final



Time : 02.30pm-03.10pm

Theme: Respiratory Care Beyond Hospital

Transport of the Critically ill

Mr Amal Joseph, BSc RT, MSc, PGD

Faculty, Dept.of Respiratory Therapy, Narayana Health, Bangalore.

Non-invasive ventilation in transport

Ms. Anita Patil

Respiratory Therapist, Hyderabad

04.00pm - 05.00pm
Interactive Session
Meet the Stalwarts

05.30pm
Inaugural Session
Key Note Address

Day 2(16.11.2019)

SCIENTIFIC PROGRAMME

Time : 09.00am-10.00am

Theme: Essentials of Respiratory Care

Aerosol Drug Delivery Systems and Current Practices

Ms Anjali P BSc RT

Assistant Lecturer, Dept.of Respiratory Therapy, Yenapoya Medical College.

Capnography in Respiratory Care

Ms. Pratibha Todur BSc RT

Asst. Professor, Dept. of Respiratory Therapy, MCHP, Manipal.

Automated Oxygen Administration vs Conventional Oxygen Therapy

Dr Abhishek Bali, MD

Senior Resident, Dept. of Respiratory Medicine, AJIMS

Time : 01.00pm-02.40pm

Theme: Modes of MV

PAV vs PSV

Mr. Abhishek Vaidya. BSc RT, MScRT

Asst. Professor, Kasturba Medical College- Mangalore

HFV - Current uses and practices

Dr. Rolita Prathima Lobo

Specialist in Anesthesia and Critical Care, Aster MedCity

Principles of Adaptive Support Ventilation: Closed Loop Ventilation

Dr.Sudhesh S Rao

HOD & Chief Intensivist, Dept. of Critical Care, AJIMS

Advanced Lessons - PRVC

Ms.Meshal Delma D'Souza BSc RT

Asst.Lecturer, Department of Respiratory Care, NITTE University

Time : 10.30am-12.00pm

Theme: Advanced Mechanical Ventilation

Weaning Indices for ventilator discontinuation

Ms. Drisya Sahadevan BSc RT

Respiratory Therapist, Dept. of Pulmonology, Kanachur Institute of Medical Sciences

Pressure, Flow & Volume - Graphic Tools

Ms Kavya Shettigar, Lecturer/Clinical RT

Dept. of Respiratory Therapy, Srinivas Inst.of Medical Sciences

Nosocomial Infections in the ICU

Mr. Shareef N M . BSc RT

Dept of Respiratory Therapy, SIMS- Bangalore

ARDS - 2019 Updates

Dr. Harish M M. MD,DM, EDIC

Department of Critical Care, Narayana Health- Bangalore

02.30pm

Prize Distributions
Closing Ceremony



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**REGISTER
NOW...!!**

Delegates-IARC Member	3800/-
Delegates-Non IARC member	4500/-
Student IARC Member	INR 2250/-
Student Non IARC member	INR 2800/-

Organizing Committee

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