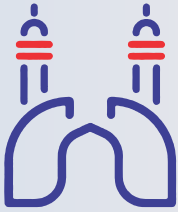


Silver Jubilee Conference on Pulmonary Diseases  
Under the Aegis of Indian Chest Society (ICS) &  
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Skill Development Course

# Ventilator Graphics and Critical Care Basics



**Nov 30, 2023  
8 AM to 4 PM**

**Venue:**  
Apollo Hospitals,  
Jubilee Hills, Hyderabad

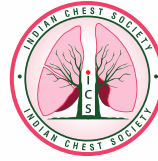
For Registration Query Contact  
Mr Rahul Kanojiya (+91) 9810399003

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**Objectives:** Dive deep into ventilator waveform graphics. Enhance your skills to assist patients in distress more effectively. Learn the art of refining care, moving beyond mere paralytics and towards the nuance of ventilator adjustments.

**Guidance:** Benefit from seasoned experts as they lead you through hands-on experiences and practical insights in critical care practices. Expect enriching discussions, doubt resolution sessions, and direct hands-on experience with ventilators. Stay ahead by getting insights into advanced care processes such as tele-ICU and ECMO. Participate actively in in-depth case discussions focusing on holistic approaches to critical care.

## Ventilator Graphics & Critical Care Basics



# AGENDA

TIMING	TOPIC	FACULTY
8:00am-8:15am	Welcome and Registration	
8:15am-9:00am	Purpose and Overview of the Day Dr Sai Praveen Harnath, Dr Sateesh Chandra Dr Kalpalatha Guntupalli	
9:00am-9:45am	Basic Principles	
	a. Overview of Mechanical Ventilation	<i>Dr Sai Praveen Harnath</i>
	b. Introduction to Ventilator Graphics: Waveforms and Loops	<i>Dr Sateesh Chandra</i>
	c. Pressure-Time Waveforms	<i>Dr Kalpalatha Guntupalli</i>
	d. Flow-Time Waveforms	<i>Dr Sateesh Chandra</i>
	e. Volume-Time Waveforms	<i>Dr Kalpalatha Guntupalli</i>
	f. Brief Overview of Pressure-Volume and Flow -Volume Loops	<i>Dr Dharani Narendra</i>
9:45am-10:15am	Interpreting Common Graphics and Clinical Application	<i>Dr Vishal Bansal</i>
	a. Identifying Normal Waveforms	<i>Dr Kalpalatha Guntupalli</i>
	b. Recognizing and Understanding Abnormal Graphics	<i>Dr Sateesh Chandra</i>
10:15am-10:45am	Clinical Application	<i>Dr Dharani Narendra</i>
	a. Assessing Patient-Ventilator Synchrony through Graphics	
	b. Adjusting Ventilatory Settings Based on Graphics	
	c. Diagnosing Common Mechanical Ventilation Issues	
10:45am-11:00am	<b>Coffee/Tea Break</b>	
11:15am-1:00pm	Hands-On Session and Test Questions	
	a. Live Demonstration:	<i>All Faculties</i>
	ARDS	
	COPD	
	Troubleshooting raised PPK	
	Troubleshooting dyssnchrony	
	Practical tips : mucus plug, air leak, air trapping, water in circuit, transport	
	b. Group Activity: Interpretation and Troubleshooting Scenarios	<i>All Faculties</i>
	c. Test Questions and Review	<i>Dr Dharani Narendra</i> <i>Dr Kalpalatha Guntupalli</i>
1:00pm-1:45pm	<b>Lunch Break</b>	
1:45pm-3:15pm	<b>Best Practices and Advanced Topics</b>	
	a. Emotions in the ICU : US/India views	<i>Dr Kalpalatha Guntupalli</i> <i>Dr Subba Reddy</i>
	b. 20 Practical Tips for Key ICU Procedures	<i>Dr Aleem</i>
	c. Principles of ICU Rounds; Walk The Talk	<i>Dr Dharani Narendra</i> <i>Dr Sai Praveen Harnath</i>
	d. Tele-ICU	<i>Dr Sai Praveen Harnath</i>
	e. Case Discussions	
	Critical Care involving Hematology and Nephrology Problems [TTP with hemoptysis]	<i>Dr Sreekar</i> <i>Dr Niranjana</i>
	Critical Care involving Cardiac and Endocrine Problems [DKA with MI]	<i>Dr Lakshminarayana</i> <i>Dr Himabindu</i>
	Critical Care involving Neurological and Obstetric Problems [Eclampsia with Seizure]	<i>Dr Rajkumar</i> <i>Dr Subba Reddy</i>

# AGENDA

3:15pm-3:30pm	<b>Lunch Break</b>
3:30pm-4:00pm	Questions, Discussion and Open Forum for Queries
3:45pm-4:00pm	Conclusion
	a. Recap and Key Takeaways : All
	b. Distribution of Learning Resources
	c. Feedback and Workshop Evaluation
	<b>Instructors:</b> Dr. Sai Praveen Haranath, Dr. Kalpalatha Guntupalli, Dr. Dharani Narendra Dr. Sateesh Chandra, Dr. Subba Reddy, Dr. Srikar Darisetty, Dr. MA Aleem, Dr Niranjan Dr Rajkumar, Dr Lakshminarayana, Dr Himabindu
	<b>Supported by:</b> Apollo Hospitals Pulmonary and Critical Care Team

**National Coordinator:** Dr Sai Praveen Haranath

**International Coordinator:** Dr Kalpalatha Guntupalli

**Regional Coordinator :** Dr Sateesh Chandra

## FACULTY:

Dr. Sai Praveen Haranath    Dr. Kalpalatha Guntupalli    Dr. Dharani Narendra    Dr. Sateesh Chandra  
Dr. Subba Reddy    Dr. Srikar Darisetty    Dr. MA Aleem    Dr Niranjan  
Dr Rajkumar    Dr Lakshminarayana    Dr Himabindu