

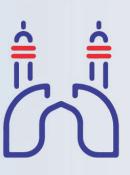


Silver Jubilee Conference on Pulmonary Diseases Under the Aegis of Indian Chest Society (ICS) & National College of Chest Physicians (India)











**INDIA'S LARGEST** PULMONOLOGY CONFERENCE 30<sup>™</sup> NOV-03<sup>™</sup> DEC HICC HYDERABAD

Time: 9 am Onwards

**Thursday** 

# WORKSHOP Thoracic Ultrasound







Dear Colleagues,

Welcome to the Thoracic Ultrasonography Workshop in NAPCON-2023! We are delighted to present **Workshop on Thoracic Ultrasonography** which serves as your guide to one of the most anticipated events in the field of Pulmonary Medicine.

Thoracic Ultrasonography has emerged as a crucial tool in the diagnosis and management of various respiratory and cardiovascular conditions. Its non-invasive nature, real-time imaging capabilities, and portability have made it an invaluable asset for healthcare professionals worldwide.

The Thoracic Ultrasonography Workshop in NAPCON-2023 is a unique opportunity for medical practitioners, researchers, and students to gain comprehensive knowledge and hands-on experience in this cutting-edge imaging modality. This workshop will serve as an ideal platform for sharing knowledge, exchanging ideas, and fostering collaboration among experts in the field.

During this workshop, esteemed faculty members will deliver lectures on the fundamentals of Thoracic Ultrasonography, including imaging techniques, interpretation of findings, and its role in the management of various pulmonary and cardiovascular diseases. Interactive case discussions and practical demonstrations will further enhance your understanding and skills in this field.

We encourage you to take full advantage of this opportunity to enhance your expertise in Thoracic Ultrasonography. Whether you are a seasoned practitioner looking to refine your skills or a novice seeking to embark on this exciting journey, this workshop promises to be a transformative experience.

On behalf of the Organizing Committee, We extend our gratitude to the Faculty who have made this workshop possible. Their support reflects a shared commitment to advancing medical knowledge and improving patient care.

We, Department of Interventional Pulmonology, KIMS Hospitals, Secunderabad welcome you to the Thoracic Ultrasonography Workshop in NAPCON-2023. Get ready to enrich your knowledge, expand your network, and elevate your practice in Thoracic Ultrasonography.

Regards,

#### Dr. Vishal Kumar Chitikeshi

Senior Consultant Clinical & Interventional Pulmonology, KIMS Hospitals, Secunderabad

#### Dr. Mahesh Gudelli

Consultant Clinical & Interventional Pulmonologist, KIMS Hospitals, Secunderabad

#### Dr. A. Raghu Kanth

Sr. Consultant & Interventional Pulmonologist. Specialist in Sleep Medicine (CSMC), KIMS Hospitals, Gachibowli, Hyderabad





#### **INTERNATIONAL COORDINATOR**



Dr. Rajesh Thomas
Respiratory Medicine Consultant
and Clinical lead for Lung Cancer
and Pleural Services, Sir Charles Gairdner
Hospital, Perth, Australia

#### **NATIONAL COORDINATORS**



Dr. Uma Devaraj Professor Dept of Pulmonary Medicine St John's Hospital, Bangalore



Dr. Richa Gupta HOD & Professor Dept of Pulmonary Medicine CMC. Vellore

#### **REGIONAL COORDINATORS**



Dr. Vishal Kumar Chitikeshi Senior Consultant, Clinical and Interventional Pulmonologist



Dr. Mahesh Gudelli Consultant Clinical & Interventional Pulmonologist KIMS Hospitals, Secunderabad



Dr. A. Raghu Kanth Sr. Consultant & Interventional Pulmonologist. Specialist in Sleep Medicine (CSMC), KIMS Hospitals Gachibowli, Hyderabad



Dr Abhishek Prajapati
Consultant Pulmonology and critical care
Shree Krishna Hospital, Bhaikaka University,
Karamsad, Anand, Gujarat



**FACULTY** 

Dr. Anand Gupta
Clinical Director
Dept of Critical Care Medicine
AIG Hospitals, Gachibowli



Dr. Radhika banka Consultant Respiratory Physician PD Hinduja National Hospital, Mumbai



Dr. Rishabh Raj Consultant Pulmonologist K.J Somaiya Medical Centre, Lilavati Hospital & Jaslok Hospital Mumbai



Dr. Alisha Chaudhury
Consultant,
Dept of Critical Care &
Sleep Medicine
SUM Ultimate Medicare,
Bhubaneswar



**Dr. Rupesh Mandava**Consultant- Interventional Radiologist
KIMS Hospitals, Secunderabad





### **Programme Schedule**

# Registration & Pre-test: 8:45am - 9:00am

8:45am-9:00am 9:00am-9:10am 9:10am-9:30am 9:30am-9:50am 9:50am-9:50am 10:05am-10:20am 10:20am-10:40am 10:20am-10:40am 11:35am 11:15am 11:15am 11:35am 12:20pm-12:20pm 12:20pm-12:40pm 12:20pm-12:40pm 11:30pm-4:00 pm 11:30pm-4:00 pm 11:30pm-4:00 pm 11:30pm-4:00 pm 11:30pm-4:00 pm 11:30pm-4:00 pm 12:30pm-4:00 pm 13:30am-13:30am 13:30am-	Time	Topic	Faculty	Chairpersons
9:10am-9:30am 9:30am-9:50am 9:30am-9:50am 10:05am-10:05am 10:05am-10:20am 10:02am-10:40am 10:20am-11:00am 10:20am-11:00am 10:40am-11:10am 11:10am-11:15am 11:15am 11:15am-11:35am 11:20pm-12:20pm 12:20pm-12:40pm 12:20pm-12:40pm 11:30pm-4:00 pm 13:30pm-4:00 pm 13:30pm-4:00 pm 15:30pm-4:00	8:45am-9:00am	Registration & Pre-test		
9:30am-9:50am 9:50am-10:05am 10:05am-10:20am 10:20am-10:40am 10:20am-11:00am 10:20am-11:00am 10:20am-11:15am 11:15am-11:35am 11:35am-12:20pm 12:20pm-12:20pm 12:20pm-12:40pm 12:20pm-12:40pm 11:30pm-1:30pm 11:30pm-4:00 pm 11	9:00am-9:10am	Introduction	Dr. Vishal Kumar C	
9:50am-10:05am 10:05am-10:20am 10:20am-10:40am-11:00am 10:20am-11:00am 11:00am-11:15am 11:05am-11:35am 11:15am-11:35am 11:35am-12:00pm 12:00pm-12:20pm 12:20pm-12:40pm 11:00pm-1:00pm 11:00pm-1:00pm 11:00pm-1:00pm 11:00pm-1:30pm 11:30pm-4:00 pm 11:30pm-4:0	9:10am-9:30am	Physics basics of Ultrasound	Dr. Rupesh Mandava	
10:05am-10:20am 10:20am-10:40am 10:20am-10:40am 10:40am-11:00am  11:00am-11:15am 11:15am 11:15am-11:35am  Basics of Cardiac USG Pulmonologist perspective Quided Procedures & Vascular Access USG application in approach to Dyspnea and fluid responsiveness 12:20pm-12:40pm 12:40pm-1:00pm 12:00pm-1:00pm 12:00pm-1:00pm 130pm 1:30pm-4:00 pm  1:30pm-4:00 pm  Station 2: Normal Pleura and lung Station 3: Diaphragm USG Station 4: Animal Model Station 5: Procedures  USG in Lung Pathologies Dr. Richa Gupta Dr. Alisha Chaudhury  Dr. Abhishek Prajapati Dr. Alisha Raj Dr. Alshab Raj Dr. Radhika Banka  Dr. Radhika Banka  Dr. Rajesh Thomas  All Faculty  Dr. Rupesh Mandava  Dr. Rupesh Mandava  Dr. Richa Gupta Dr. Richa Gupta Dr. Radhika Banka Dr. Rishabh Raj Dr. Alisha Dr. Alisha Dr. Alishabh Raj Dr. Alishabh Chaudhury Dr. Alishabh Raj Dr. Alisha	9:30am-9:50am	Knobology: buttons and dials	Dr. Mahesh Gudelli	
10:20am-10:40am 10:40am-11:00am Assessment of Diaphragm by ultrasound 11:00am-11:15am Tea Break Basics of Cardiac USG Pulmonologist perspective Guided Procedures & Vascular Access USG application in approach to Dyspnea and fluid responsiveness How to Set up a Pleural service at your centre? Thoracic ultrasonography pearls: Case based discussion Dr. Radhika Banka Thomas  1:00pm-1:30pm 1:30pm-4:00 pm  Hands On Training Hands-on training: 6 stations Station 1: Knobology  Station 2: Normal Pleura and lung Station 3: Diaphragm USG Station 4: Animal Model Station 5: Procedures Cstation 6: Basic ECHO  Dr. Uma Devaraj Dr. Alisha Chaudhury Dr. Alisha Chaudhury Dr. Rishab Raj Dr. Radhika Banka Dr. Rupesh Mandava Dr. Rishabh Raj Dr. Alisha	9:50am-10:05am	Normal Lung: Lines and Profiles	Dr. Uma Devaraj	
10:40am-11:00am 11:00am-11:15am 11:15am-11:35am 11:15am-11:35am 11:35am-12:00pm 12:00pm-12:20pm 12:20pm-12:40pm 12:20pm-12:40pm 12:20pm-12:40pm 12:30pm-1:30pm 13:30pm-4:00 pm	10:05am-10:20am	USG in Pleural Pathologies	Dr. Richa Gupta	
11:00am-11:15am 11:15am-11:35am 11:15am-11:35am 11:35am-12:00pm 12:00pm-12:20pm 12:20pm-12:40pm 12:20pm-12:40pm 12:20pm-12:40pm 12:20pm-12:40pm 12:30pm-1:30pm 13:30pm-4:00 pm	10:20am-10:40am	USG in Lung Pathologies	Dr. Uma Devaraj	
11:15am-11:35am Basics of Cardiac USG Pulmonologist perspective Guided Procedures & Vascular Access USG application in approach to Dyspnea and fluid responsiveness How to Set up a Pleural service at your centre? Thoracic ultrasonography pearls: Case based discussion  1:30pm-1:30pm 1:30pm-4:00 pm  1:30pm-4:00 pm  Thoracic ultrasonography pearls: Case based discussion  Lunch Hands On Training Hands-on training: 6 stations Station 1: Knobology  Station 2: Normal Pleura and lung  Station 3: Diaphragm USG  Station 4: Animal Model  Station 5: Procedures  Cyc. Abhishek Prajapati Dr. Alshab Raj Dr. Radhika Banka Dr. Rajesh Thomas  Dr. Rupesh Mandava  Dr. Richa Gupta Dr. Radhika Banka Dr. Rishabh Raj Dr. Alisha	10:40am-11:00am	Assessment of Diaphragm by ultrasound	Dr. Alisha Chaudhury	
USG Pulmonologist perspective Guided Procedures & Vascular Access USG application in approach to Dyspnea and fluid responsiveness How to Set up a Pleural service at your centre? Thoracic ultrasonography pearls: Case based discussion  1:00pm-1:30pm 1:30pm-4:00 pm  1:30pm-4:00 pm  1:30pm-4:00 pm  Station 1: Knobology  Station 2: Normal Pleura and lung  Station 3: Diaphragm USG  Station 4: Animal Model  Station 5: Procedures  Station 6: Basic ECHO  Dr. Abhishek Prajapati Dr. Rishab Raj Dr. Anand Gupta  Dr. Radhika Banka  Dr. Rajesh Thomas  All Faculty  Dr. Rupesh Mandava  Dr. Radhika Banka	11:00am-11:15am	Tea Break		
11:35am-12:00pm 12:00pm-12:20pm Cuided Procedures & Vascular Access USG application in approach to Dyspnea and fluid responsiveness How to Set up a Pleural service at your centre? Thoracic ultrasonography pearls: Case based discussion Dr. Radhika Banka Dr. Rajesh Thomas  1:00pm-1:30pm 1:30pm 1:30pm-4:00 pm  Lunch Hands On Training Hands-on training: 6 stations Station 1: Knobology Dr. Rupesh Mandava  Station 2: Normal Pleura and lung Dr. Richa Gupta Dr. Radhika Banka Dr. Rishabh Raj Dr. Alisha Dr. Alisha Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Dr. Vishal Kumar C Dr. Anand Gupta	11:15am-11:35am	Basics of Cardiac		
12:00pm-12:20pm  USG application in approach to Dyspnea and fluid responsiveness How to Set up a Pleural service at your centre?  12:40pm-1:00pm  Thoracic ultrasonography pearls: Case based discussion  1:00pm-1:30pm 1:30pm-4:00 pm  Lunch Hands On Training Hands-on training: 6 stations Station 1: Knobology  Station 2: Normal Pleura and lung  Station 3: Diaphragm USG  Station 4: Animal Model  Station 5: Procedures  Station 6: Basic ECHO  Dr. Anand Gupta  Dr. Radhika Banka  Dr. Richa Gupta Dr. Rishabh Raj Dr. Alisha Dr. Mahesh Gudelli, Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Dr. Vishal Kumar C Dr. Anand Gupta			Dr. Abhishek Prajapati	
Dyspnea and fluid responsiveness How to Set up a Pleural service at your centre? Thoracic ultrasonography pearls: Case based discussion Dr. Radhika Banka  1:00pm-1:30pm 1:30pm-4:00 pm  Lunch Hands On Training Hands-on training: 6 stations Station 1: Knobology  Station 2: Normal Pleura and lung Dr. Richa Gupta Dr. Radhika Banka Dr. Rupesh Mandava  Dr. Richa Gupta Dr. Radhika Banka Dr. Alisha	11:35am-12:00pm	Guided Procedures & Vascular Access	Dr. Rishab Raj	
12:20pm-12:40pm How to Set up a Pleural service at your centre?  12:40pm-1:00pm Thoracic ultrasonography pearls: Case based discussion Dr. Rajesh Thomas  1:00pm-1:30pm Lunch Hands On Training Hands-on training: 6 stations Station 1: Knobology Dr. Rupesh Mandava  Station 2: Normal Pleura and lung Dr. Richa Gupta Dr. Radhika Banka	12:00pm-12:20pm			
at your centre? Thoracic ultrasonography pearls: Case based discussion  1:00pm-1:30pm Lunch Hands On Training Hands-on training: 6 stations Station 1: Knobology  Station 2: Normal Pleura and lung  Station 3: Diaphragm USG  Station 4: Animal Model  Station 5: Procedures  Station 6: Basic ECHO  Dr. Radhika Banka  Dr. Radhika Banka  Dr. Richa Gupta Dr. Rishabh Raj Dr. Alisha Dr. Alisha Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Dr. Vanand Gupta			Dr. Anand Gupta	
Thoracic ultrasonography pearls: Case based discussion  1:00pm-1:30pm Lunch 1:30pm-4:00 pm  Hands On Training Hands-on training: 6 stations Station 1: Knobology  Station 2: Normal Pleura and lung  Station 3: Diaphragm USG  Dr. Richa Gupta Dr. Radhika Banka Dr. Radhika Banka Dr. Rishabh Raj Dr. Alisha Station 4: Animal Model Dr. Mahesh Gudelli, Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Station 6: Basic ECHO Dr. Anand Gupta	12:20pm-12:40pm	•		
Case based discussion  1:00pm-1:30pm  Lunch  Hands On Training  Hands-on training: 6 stations Station 1: Knobology  Dr. Rupesh Mandava  Station 2: Normal Pleura and lung  Dr. Richa Gupta Dr. Radhika Banka Dr. Radhika Banka Dr. Rishabh Raj Dr. Alisha Station 4: Animal Model  Station 5: Procedures  Dr. Wahesh Gudelli, Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Dr. Anand Gupta		•	Dr. Radhika Banka	
1:00pm-1:30pm 1:30pm-4:00 pm  Hands On Training Hands-on training: 6 stations Station 1: Knobology  Dr. Rupesh Mandava  Station 2: Normal Pleura and lung Dr. Richa Gupta Dr. Radhika Banka Dr. Rishabh Raj Dr. Alisha Station 3: Diaphragm USG Dr. Alisha Dr. Alisha Dr. Alisha Dr. Alisha Dr. Alisha Dr. A. Raghu Kanth Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Station 6: Basic ECHO Dr. Anand Gupta	12:40pm-1:00pm			
1:30pm-4:00 pm  Hands On Training Hands-on training: 6 stations Station 1: Knobology  Dr. Rupesh Mandava  Station 2: Normal Pleura and lung Dr. Richa Gupta Dr. Radhika Banka Dr. Radhika Banka Dr. Rishabh Raj Dr. Alisha Station 4: Animal Model Dr. Mahesh Gudelli, Dr. A. Raghu Kanth Station 5: Procedures Dr. Uma Devaraj Dr. Vishal Kumar C Station 6: Basic ECHO Dr. Anand Gupta			Dr. Rajesh Thomas	
Hands-on training: 6 stations Station 1: Knobology  Dr. Rupesh Mandava  Station 2: Normal Pleura and lung Dr. Richa Gupta Dr. Radhika Banka Dr. Radhika Banka Dr. Rishabh Raj Dr. Alisha Dr. Alisha Station 4: Animal Model Dr. Mahesh Gudelli, Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Station 6: Basic ECHO Dr. Anand Gupta				
Station 1: Knobology  Dr. Rupesh Mandava  Station 2: Normal Pleura and lung  Dr. Richa Gupta  Dr. Radhika Banka  Dr. Rishabh Raj  Dr. Alisha  Dr. Alisha  Dr. Alisha  Dr. Alisha  Dr. Alisha  Dr. Mahesh Gudelli,  Dr. A. Raghu Kanth  Dr. Uma Devaraj  Dr. Vishal Kumar C  Station 6: Basic ECHO  Dr. Anand Gupta	1:30pm-4:00 pm	_	All Faculty	
Station 2: Normal Pleura and lung  Dr. Richa Gupta Dr. Radhika Banka Dr. Rishabh Raj Dr. Alisha Dr. Alisha Dr. Alisha Dr. Alisha Dr. Alisha Dr. Mahesh Gudelli, Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Dr. Vishal Kumar C Dr. Anand Gupta				
Station 3: Diaphragm USG  Dr. Radhika Banka  Dr. Rishabh Raj  Dr. Alisha  Station 4: Animal Model  Dr. Mahesh Gudelli,  Dr. A. Raghu Kanth  Dr. Uma Devaraj  Dr. Vishal Kumar C  Station 6: Basic ECHO  Dr. Anand Gupta		Station 1: Knobology	Dr. Rupesh Mandava	
Station 3: Diaphragm USG  Dr. Radhika Banka  Dr. Rishabh Raj  Dr. Alisha  Station 4: Animal Model  Dr. Mahesh Gudelli,  Dr. A. Raghu Kanth  Dr. Uma Devaraj  Dr. Vishal Kumar C  Station 6: Basic ECHO  Dr. Anand Gupta				
Station 3: Diaphragm USG  Dr. Rishabh Raj  Dr. Alisha  Station 4: Animal Model  Dr. Mahesh Gudelli,  Dr. A. Raghu Kanth  Dr. Uma Devaraj  Dr. Vishal Kumar C  Station 6: Basic ECHO  Dr. Anand Gupta		Station 2: Normal Pleura and lung	•	
Station 4: Animal Model  Station 5: Procedures  Dr. Alisha  Dr. Mahesh Gudelli,  Dr. A. Raghu Kanth  Dr. Uma Devaraj  Dr. Vishal Kumar C  Station 6: Basic ECHO  Dr. Anand Gupta				
Station 4: Animal Model  Dr. Mahesh Gudelli, Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Station 6: Basic ECHO  Dr. Anand Gupta		Station 3: Diaphragm USG		
Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Dr. A. Raghu Kanth Dr. Uma Devaraj Dr. Vishal Kumar C Dr. Anand Gupta				
Station 5: Procedures  Dr. Uma Devaraj  Dr. Vishal Kumar C  Station 6: Basic ECHO  Dr. Anand Gupta		Station 4: Animal Model	· · · · · · · · · · · · · · · · · · ·	
Dr. Vishal Kumar C Station 6: Basic ECHO Dr. Anand Gupta				
Station 6: Basic ECHO Dr. Anand Gupta		Station 5: Procedures	_	
' ' '				
Dr. Abhishek Prajapati		Station 6: Basic ECHO		
7.17			Dr. Abhishek Prajapati	

CLICK HERE TO

**REGISTER NOW** 





## KIMS Hospitals, Secunderabad



KIMS Hospitals, Gachibowli

