



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





Advanced Lung Function Tests Workshop





YASHODA HOSPITALS
(Hi Tech City) Hyderabad







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Dear delegates,

Welcome to Advanced lung function tests, workshop at NAPCON, Hyderabad, 2023. Enhance your skills to perform and interpret advanced lung function tests. Our esteemed faculty will be delivering lectures and demonstrating hands-on experience through interactive case discussions during this workshop.

Highlights of Workshop

Explore lung Oscillometry

• Know the mechanical properties of lung by using sound waves

Know your lung volumes and respiratory muscle function

Bringing CPET to practice

- Know your equipment and protocols of testing
- · Key variables and their meaning
- How do I interpret the report?

Clinical Utility of Fractional Exhaled Nitric Oxide in Asthma Management

What is new?:

- Double Diffusion Capacity
- Eucapnic Voluntary Hyperventilation : A Non Invasive Broncho-provocation test



National Coordinator

Regional coordinators



Dr Deepak Talwar *MD, DM*



Dr G K Paramjyothi *MD, FCCP*



Dr N Narendra Kumar *MD, FCCP*

International Faculty



Mr. Kevin Hogben *UK*



Mr. Diego Bernal Germany

National Faculty



Dr Deepak Talwar *MD, DM (Noida)*



Dr Randeep Guleria *MD, DM (Gurugram)*

National Faculty



Dr Prince James *MD (Vellore, Tamilnadu)*



Dr P Arjun (Trivandrum, Kerala)



Dr Deepak Prajapat *DNB (New Delhi)*



Dr S K Madhukar *MD (Patna)*



Dr Anjana Talwar *MD (AIIMS, New Delhi)*



Dr Geetanjali Bade *MD (AIIMS, New Delhi)*



Dr N. Narendra Kumar *MD (NIMS, Hyderabad)*



Dr G K Paramjyothi *MD (NIMS, Hyderabad)*



Dr. Bhaskar Kakarla *MD (NIMS, Hyderabad)*



Dr Rakesh Kodati MD, DM (NIMS, Hyderabad)



Dr Sudheer Tale *MD, DM*(Vishakapatnam, AP)



Dr Satya Padmaja MD, DM (Vishakapatnam, AP)



Dr Kanishka Kumar MD (Noida)



DR Nirupam Sharan DNB (Ranchi)

AGENDA

TIMING	SPEAKER	TEST	LECTURE			
8:30-9:00hrs	Registration & welcome address					
9:00-9:30hrs	Dr Prince James	Fractional Exhaled Nitric Oxide (FeNO)	Analysis & Applications			
9:30-10:00hrs	Dr Anjana Talwar	Lung Oscillometry	Principle & Practice			
10:00-10:45hrs	Dr S K Madhukar	Body Box Plethysmography & Diffusion Capacity (DLco)	Principles & Clinical Applications			
10:45-11:10hrs	Mr Kevin Hogben	Double Diffusion Capacity	DLNO & DLCO : Principle and Applications			
11:10-11:30hrs	Tea Break					
11:30-12:00hrs	Dr Randeep Guleria	Respiratory Muscle Functions	Tests & Clinical applications			
12:00- 12:45hrs	Dr Deepak Talwar	Cardio Pulmonary Exercise Testing (CPET)	Principles & Clinical applications			
12:45-13:10hrs	Mr Diego Bernal	Eucapnic voluntary hyperventilation (EVH)	Non Invasive Broncho- provocation — clinical application			

TIME			HANDS ON WORK SHOP	RESOURCE FACULTY FOR WORK SHOP	LOCAL FACULTY		
1.10 -2.00PM	Lunch						
2.00 - 5.00 PM (30 minutes each station)	Station 1	FeNO	Dr Prince James	Dr. Nirupam Sharan	Dr Bhaskar		
30 min	Station 2	Oscillometry	Dr Anjana Talwar	Dr Geetanjali Bade	Dr P Arjun		
30 min	Station 3	Body Box Plethysmography	Dr S K Madhukar Mr. Diego Bernal	Dr Rakesh Kodati	Dr N. Narendra Kumar		
30 min	Station 4	Respiratory Muscle Function Testing	Dr Randeep Guleria	Dr Satya Padmaja	Dr Sudheer Tale		
30 min	Station 5	СРЕТ	Dr Deepak Talwar	Dr Kanishka Kumar	Dr Deepak Prajapat		
15 min	Station 6	Eucapnic voluntary hyperventilation (EVH)	Mr Diego Bernal				
15 min	Station 7	Double Diffusion and Asthma Combo	Mr Kevin Hogben (UK)				
4:30-5:00PM	Q & A Certificate Distribution						