



**ABAPS**  
(Apollo Bangalore  
Advanced Pulmonology Services)  
Presents

**WORKSHOP ON**  
**PERSISTENT  
AIR LEAK &  
MASSIVE  
HEMOPTYSIS**

**FOCUS ON  
BRONCHOSCOPIC ASPECTS**

**17  
JULY  
2022**

Venue

Lectures - **Hotel La Marvella**, Jayanagar, Bangalore

Workshop - **Apollo Speciality Hospital**, Jayanagar, Bangalore

Course Director  
**Dr. Ravindra M Mehta**

Course Co-ordinator  
**Dr. Sameer Bansal**

Participating Organizations:

**Apollo Hospitals**

**Asia Pacific Interventional Pulmonology Association (APIPA)**

**Karnataka Pulmonology Association (KPA)**

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**Introduction:**

In the last decade, Procedural and Interventional Pulmonology has grown globally by leaps and bounds. As we progress in the field, there is a need for focused learning for certain complex conditions, which can be both life-threatening for the patient and challenging for the provider.

We have organized a unique, focused workshop on two complex topics in the field (Prolonged Air Leak/Bronchopleural Fistula and Massive Hemoptysis), with national and international experts.

**Objectives: Understand the following:**

- Challenges and pathophysiology of PAL/MH
- Various bronchoscopic options for PAL/MH
- Approach to PAL/MH, focusing on Bronchoscopy

Target Audience:

**Pulmonologists / Thoracic Surgeons / Oncosurgeons**



<https://apolloevents.in/pamh/>



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## INTERNATIONAL FACULTY

### **Professor Melvin Tay Chee Kiang**

*Senior Consultant and  
Director of Interventional Pulmonology  
Singapore General Hospital*

### **Professor Bing Lam**

*Director, Respiratory Medicine Centre  
Honorary Consultant in Respiratory Medicine,  
Honorary Clinical Associate Professor (HKU)  
Department of Medicine and  
Therapeutics (CUHK), Hong Kong*

## NATIONAL FACULTY

### **Dr Rajiv Goyal**

*Senior Consultant, Respiratory Medicine,  
Jaipur Golden Hospital and Rajiv Gandhi Cancer Institute, Delhi*

### **Dr A Jayachandra**

*Clinical Director Pulmonology, Care Hospitals, Hyderabad*

### **Dr Ritesh Agarwal**

*Professor, Department of Pulmonary Medicine  
Postgraduate Institute of Medical Education and Research, Chandigarh, India*

### **Dr Prashant Chhajed**

*Director of the Institute of Pulmonology, Medical research & Development, Mumbai  
Director of Pulmonology, Fortis Hospital, Navi Mumbai  
Professor of Medicine, Basel, Switzerland*

### **Dr V R Pattabhi Raman**

*Director of Pulmonology, Interventional Pulmonology & Sleep Medicine  
Royal Care Super Speciality Hospital, Coimbatore*

### **Professor Arvind Kumar**

*Chairman, Institute of Chest Surgery, & Lung Transplantation  
Medanta Hospitals, Gurugram*

### **Dr Dharmesh Patel**

*Consultant Pulmonologist, Vadodara*

### **Dr Sahajal Dhooria**

*Associate Professor, Department of Pulmonary Medicine  
Postgraduate Institute of Medical Education and Research, Chandigarh, India*

### **Dr Inderpaul Singh Sehgal**

*Assistant Professor, Department of Pulmonary Medicine  
Postgraduate Institute of Medical Education and Research,, Chandigarh, India*

## NATIONAL FACULTY

### **Dr. Karan Madan**

*Additional Professor, Pulmonary Medicine and Sleep Disorders, AIIMS Delhi*

### **Dr Ajay Handa**

*Consultant Pulmonologist, Critical Care Medicine  
Sakra & Bangalore Baptist Hospital, Bengaluru*

### **Dr Arjun Srinivasan**

*Consultant, Interventional Pulmonology & Sleep Medicine  
Royal Care Super Speciality Hospital, Coimbatore*

### **Dr Tinku Joseph**

*Associate Professor, Chief of Interventional Pulmonology  
Amrita Institute of Medical Sciences, Kochi*

### **Dr Ranganatha R**

*Consultant Pulmonologist, Narayana Health City, Bangalore*

### **Dr Sunil Kumar K**

*Lead Consultant and Interventional Pulmonologist  
Aster CMI Hospital, Bangalore*

### **Dr Rohan Aurangabadwala**

*Consultant Pulmonologist/Interventional Pulmonologist  
Apollo Hospitals, Mumbai*

### **Dr Pavankumar Biraris**

*Interventional Pulmonologist, Tata Memorial Hospital, Mumbai  
Consultant Pulmonologist/Interventional Pulmonologist  
Apollo Hospitals, Mumbai*

### **Dr Sumant Mantri**

*Senior Consultant, Apollo Bangalore Advanced Pulmonology Services  
Apollo Hospitals, Bannerghatta Road, Bengaluru*

### **Dr Sameer Bansal**

*Consultant, Apollo Bangalore Advanced Pulmonology Services  
Apollo Specialty Hospital, Jayanagar, Bengaluru*

### **Dr Hari Prasad**

*Consultant, Apollo Bangalore Advanced Pulmonology Services  
Apollo Specialty Hospital, Jayanagar, Bengaluru*

### **Dr Srikanth**

*Associate Consultant, Apollo Bangalore Advanced Pulmonology Services  
Apollo Specialty Hospital, Jayanagar, Bengaluru*

**SCIENTIFIC PROGRAM**

Time	Session	Speaker (s)
7:00 AM – 7:45 AM	Registration	
7:45 AM – 8:00 AM	Introduction/Inauguration	Dr KS Satish / Dr Huliraj
<b>SESSION-1 : PAL - The fundamentals</b> Chairpersons: Dr Arjun Srinivasan / Dr Ranganath		
8:00 AM – 8:15 AM	Clinico- Radiologic aspects of BPF	Dr Harisha V
8:15 AM – 8:30 AM	Persistent Air Leak (PAL): Overview, Classification and Issues	Dr Ritesh Agarwal
8:35 AM – 8:50 AM	Principles of PAL Management	Dr Melvin Tay Chee Kiang
8:50 AM – 9:00 AM	Q & A	
<b>SESSION-2 : PAL: Bronchoscopic Approach and Pathways</b> Chairpersons: Dr Rajiv Goyal / Dr Ajay Handa		
9:00 AM – 9:15 AM	Bronchoscopic Approach: Case Selection Leak Localization and Planning	Dr V Pattabhi Raman
9:15 AM – 9:30 AM	Bronchoscopic Approach: Devices (Except EBV)	Dr Sameer Bansal
9:35 AM – 9:50 AM	Bronchoscopic Approach : Sealants	Dr Tinku Joseph
9:50 AM – 10:05 AM	Bronchoscopic approach: EBV	Dr Bing Lam
10:05 AM – 10:20 AM	Q & A	
<b>SESSION-3 : PAL: Complex Scenarios and Recommendations</b> Chairpersons: Dr Jayachandra / Dr Pavan Biraris		
10:25 AM – 10:40 AM	Special subsets I: PAL and Mechanical Ventilation/ Role of ECMO	Dr Sahajal Dhooria
10:40 AM – 10:55 AM	Special Subset II: Pleural strategies for PAL PAL & trapped lung/PAL with pleural infection	Dr Dharmesh Patel
11:00 AM – 11:15 AM	Surgical Treatment for PAL: Overview	Dr Arvind Kumar
11:15 AM – 11:30 PM	PAL: Recommended multimodality approach: Putting it all together	Dr Ravindra Mehta
11:30 AM – 11:45 AM	Q & A	
11:45 AM – 12:00 PM	Tea/Coffee	

Time	Session		Speaker (s)
<b>SESSION-4 : Massive Hemoptysis – Nuts and Bolts</b> Chairpersons: Dr Sahajal Dhooria / Dr Sumant Mantri			
12:00 PM – 12:15 PM	Massive Hemoptysis: Overview		Dr Inderpaul Sehgal
12:15 PM – 12:30 PM	The conventional approach: BAE and Surgery		Dr Rohan A
12:35 PM – 12:50 PM	Bronchoscopic approach to massive hemoptysis (Highlight flex vs rigid)		Dr Prashant Chhajed
12:50 PM – 1:05 PM	MH: Recommended multimodality approach - Putting it all together		Dr Karan Madan
1:05 PM – 1:20 PM	Q & A		
<b>SESSION-5 : Case Presentation &amp; Panel Discussion</b> <b>Illustrative cases in PAL and MH</b>			
1:25 PM – 1:45 PM	<i>Case Experts</i> – Dr Sunil Kumar / Dr Pavan Biraris / Dr Srikant / Dr Hariprasad K		
	<i>Moderator</i> – Dr Ravindra Mehta		
	<i>Panelists</i> – Dr Ritesh Agarwal / Dr Rajiv Goyal / Dr Jayachandra Dr Karan Madan / Dr Prashant Chhajed / Dr V Pattabhi Raman		
1:45 PM – 2:30 PM	Lunch Break		
<b>2:30 PM – 2:45 PM</b> <b>Transfer to Apollo Hospitals Intervention Suite for workshop</b>			
<b>SESSION-6 : WORKSHOP</b>			
3:00 PM – 6:00 PM	Work station - 1	PAL : Tools and Techniques + case discussion	
	Work station - 2	Glue orientation and application	
	Work station - 3	Blocker orientation including preparation and deployment	
	Work station - 4	MH: Rigid bronchoscopic intubation	
	Work station - 5	MH: APC / cautery	

*Supportive team* : **Chakravarthi L**, Chief Technologist and Manager, Endoscopy

