

Certificate Course in Advanced Interventional Bronchoscopy (EBUS & Cryo)

4th – 5th October 2024

Day 1: 4th October 2024

Course Director: Dr Pralhad Prabhudesai

Faculty: Dr Nagarjuna, Dr Maheema Bhaskar

Time	Session	Faculty
08:30 am – 09:00 am	Registration, Welcome & Introduction to IMMAST	
09:00 am – 9:30 am	<ul style="list-style-type: none"> EBUS: A new change in Thoracic Sampling 	Dr Pralhad Prabhudesai
9:30 am – 10:00 am	<ul style="list-style-type: none"> Understanding Mediastinal Anatomy for EBUS 	Dr Maheema Bhaskar
10:00 am – 10:45 am	<ul style="list-style-type: none"> EBUS: Instrumentation 	Dr Nagarjuna
10:45 am – 11:00 am	Tea Break	
11:00 am – 12:00 pm	<ul style="list-style-type: none"> Procedural Overview: Mastering EBUS <ul style="list-style-type: none"> Pre-Operative preparation Staging/ Landmarks Procedure: Sedation used, scope and processor knobology, Selection of needle & needle handling On-site Rapid Diagnosis 	Dr Nagarjuna Dr Maheema Bhaskar
12:00 pm – 2:00 pm	<p>Hands on station</p> <ul style="list-style-type: none"> EBUS: Instrumentation & ROSE <i>(Rapid On-Site Evaluation)</i> <ul style="list-style-type: none"> Handling of Scope Handling of needle Examining slides High Fidelity EBUS Simulation <p><i>All participants will get supervised hands-on experience with virtual-reality simulators for practising EBUS</i></p> <ul style="list-style-type: none"> Anatomy Station <ul style="list-style-type: none"> Radiological Image + US Image 	All Faculty
2:00 pm – 2:30 pm	Lunch Break	
2:30 pm – 3:30 pm	Hands on continue...	All Faculty
3:30 pm – 5:00 pm	Video - Case discussion EBUS – Managing complication	All Faculty

Day 2: 5th October 2024

Course Director: Dr Pralhad Prabhudesai

Faculty: Dr Sameer Arbat

Time	Session	Faculty
08:30am – 9:00 am	Cryosurgery – History, Physics & its Application	Dr Pralhad Prabhudesai
09:00 am – 9:30 am	Trans bronchial Cryobiopsy Technique <ul style="list-style-type: none"> ▪ Indication ▪ Patient Selection ▪ Step by Step Application (Pre-procedural checklist, principles and Instrumentation)	Dr Sameer Arbat
9:30 am – 10:30 am	Case discussion with videos <ul style="list-style-type: none"> • Cryobiopsy in Diffuse Parenchymal Lung Diseases (PPL) • Tumour Ablations/ Debulking 	Dr Sameer Arbat
10:30am – 10:45 am	Tea Break	
10:45am – 12:15pm	<ul style="list-style-type: none"> • STATION : CRYO -Instrumentation & Hands-on session on Biological Model <ul style="list-style-type: none"> ○ Cryo Biopsy ○ Endobronchial Tumour Ablation ○ Cryo for Foreign Body removal 	All Faculty: Dr Pralhad Prabhudesai Dr Sameer Arbat
12:15 am – 12:45 pm	Future of Cryo and Other applications of Cryo-probe	Dr Sameer Arbat
12:45 pm – 1:15 pm	Management and Prevention of Complications	Dr Sameer Arbat
1:15 pm – 1:45 pm	APC and Heat therapy in Bronchoscopy	Dr Sameer Arbat
1:45pm – 2:15 pm	Lunch Break	
2:15 pm – 5:00 pm	Unedited video – Case discussion	All Faculty
5:00 pm	Assessment, Feedback and Close	