

Bronchoscopy - ED and ICU applications

MORNING SESSION - LECTURES			
Time	Session	Focus	Teaching Method
09:00 - 09:15	Pre-Test Assessment	Baseline Knowledge	-
09:15 - 09:40	Airway Anatomy for Emergency Bronchoscopy	Airway Orientation	3D Anatomy + Radiological Correlation
09:40 - 10:05	Bronchoscope Equipment & Scope Handling	Types (Flexible, Video, Disposable, Rigid)	Live Demonstration
10:05 - 10:30	Emergency Indications & Contraindications	ED/ICU Applications	Case-Based Discussion
10:30 - 10:45	Coffee Break	-	-
10:45 - 11:10	Physiologically Difficult Airway Pre-Bronchoscopy Evaluation	Crash Airway Concepts	Emergency Airway Lecture
11:10 - 11:35	Sedation, Monitoring & Airway Safety	Procedural Safety	Practical ICU Approach
11:35 - 12:00	Oxygenation Strategies During Bronchoscopy	HFNC/NIV/Ventilator Bronchoscopy	Evidence-Based Lecture
12:00 - 12:25	Bronchoscopic Intubation in Trauma & Difficult Airway	Awake FOB Intubation	Live Demonstration
12:25 - 12:50	Emergency Foreign Body Removal	Adult & Pediatric Airway FB	Video-Based Procedural Session
12:50 - 01:20	Sampling Techniques	BAL, Brushing, Biopsy Yield Optimization	Interactive Panel
01:20 - 02:00	Lunch Break	-	-
AFTERNOON SESSION - HIGH-FIDELITY HANDS-ON & SIMULATION			
Time	Station	Core Skills	
02:00 - 02:25	Station 1: Scope Handling & Airway Navigation	Tip Control, Bronchial Navigation	
02:25 - 02:50	Station 2: Bronchoscope-Guided Intubation	Awake FOB Intubation, C-Spine Airway	
02:50 - 03:15	Station 3: ICU Bronchoscopy	Ventilator Bronchoscopy, Mucus Plug Removal	
03:15 - 03:40	Station 4: BAL & Emergency Sampling	BAL Technique, Specimen Handling	
03:40 - 04:05	Station 5: Massive Hemoptysis Management	Airway Protection, Clot Extraction	
04:05 - 04:30	Station 6: Emergency Foreign Body Retrieval	Basket, Forceps, Fogarty-Assisted Retrieval	