**Workshop on Advaced Bronchoscopy**

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| Time | Topic | Speaker |
| 2.00 – 2.15 PM | Welcome, Introduction and learning objectives | Dr Deepak Talwar |
| 2.15 – 2.30 PM | Pre Course Questionare | MCRD Team |
| 2.30 – 2.50 PM | Anatomy of the airways and mediastinal lymph nodes | Dr Kanishka Kumar |
| 2.50 – 3.10 PM | Sedation and Analgesia during Bronchoscopy | Anesthetist : Dr Kapil Singhal |
| 3.10 – 3.50 PM | Linear EBUS:  Know your instrument, Development history  EBUS in different diseases  Needles | Dr Loveleen Mangla |
| **3.50 – 4.20 PM** | **Linear EBUS : Procedure explanation with LIVE case Demonstration** | **MCRD Team (Lead Consultant: Dr Kanishka Kumar)** |
| 4.20 – 4.35 PM | ROSE : Procedure and How to interpret | Pathologist : Dr Charul Dabral |
| 4.35 – 5.00 PM | Radial EBUS : Procedure, Technique | Dr Deepak Prajapat |
| **5.00 – 5.30 PM** | **Radial EBUS : Live/Video Demonstration** | **MCRD Team (Lead Consultant: Dr Loveleen Mangla)** |
|  | **DAY 2** |  |
| 9.00 – 9.15 AM | Cryoprobe : Principles and technique | Dr Loveleen Mangla |
| 9.15– 9.30 AM | Trans bronchial Cryobiopsy : What has changed recently : Time Travel | Dr Deepak Talwar |
| **9.30 – 10.30 AM** | **Trans bronchial Cryobiopsy : Live demonstration** | **MCRD Team (Lead Consultant: Dr Loveleen Mangla)** |
| 10.30 – 10.50 AM | Electrocautery and APC : Principles and Technique | Dr Deepak Prajapat |
|  | **BREAK** |  |
| 10.50 – 11.10 AM | Endobronchial LASER : Principles and Technique | Dr Loveleen Mangla |
| 11.10 – 11. 30 AM | Its bleeding inside: How should I manage? | Dr Kanishka Kumar |
| 11.30 – 11.45 AM | Rigid Bronchoscopy : Insertion, Instrument and Technique Demonstration | Dr Loveleen Mangla |
| 11.45 – 12.15 PM | **Rigid Bronchoscopy : Ballon dilation : Live/Video Demonstration (Depending on case availability)** | **MCRD Team (Lead Consultant: Dr Deepak Prajapat)** |
| 12.15 – 12.30 PM | Benign Tracheal Stenosis | Dr Loveleen Mangla |
| 12.30 – 12.45 PM | Endobronchial Stenting : Why and Which one should I prefer (Silicon/Metallic/Biodegradable)? | Dr Deepak Prajapat |
| 12.45 – 1.00 PM | Bronchoscopic Lung volume Reduction : Principles and Technique | Dr Kanishka Kumar |
| 1.00 – 1.30 PM | LUNCH |  |
| 1.30 – 2.30 PM | **Rigid Bronchoscopy Insertion with Stent placement : Live/Video Demonstration (Depending on case availability)** | **MCRD Team (Lead Consultant: Dr Loveleen Mangla)** |
| 2.30 – 2.45 PM | Its Different : Narrow Band Imaging, Optical Coherence technology, Con focal Microscopy | Dr Kanishka Kumar |
| 2.45 – 3.00 PM | Robotic & Navigational Bronchoscopy | Dr Loveleen Mangla |
|  | Hands on session, simulation lab |  |
|  | Post course Questionare & Interaction, Feedback |  |
|  | Certificate distribution & Photo Session |  |
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|  | Reserved Topics |  |
|  | **Endobronchial Valves, Airway complications in post lung transplantation, Broncho Pleural Fistula** |  |
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