

Session	Time	Type	Topic	Faculty	Format	Notes / Sub-points
Opening	9:00 AM – 9:15 AM	Welcome	Welcome & Introduction	All Faculty	—	
Session 1	9:15 AM – 10:00 AM	Illustrative Lecture	Respiratory Mechanics	Faculty	Lecture	
Session 1	10:00 AM – 10:30 AM	Illustrative Lecture	Ventilator Graphics	Faculty	Lecture	
Session 2	10:30 AM – 11:30 AM	Case-Based Learning	Friday Night Ventilation – Scenario: Acute Hypoxemic Respiratory Failure (AHRF)	Faculty	Case Scenario	Clinical picture, ABG, hemodynamics, investigations · Oxygen therapy: HFNO, NIV · Intubation (physiologically)
Break	11:30 AM – 11:45 AM	Break	Tea Break	—	—	
Session 3	11:45 AM – 12:45 PM	Case-Based Learning	Saturday Night Ventilation – Scenario: Drunken Driving & Polytrauma	Faculty	Case Scenario	Primary survey & resuscitation · Diffuse axonal injury with extradural haematoma, C3-4 fracture, bilateral rib
Break	12:45 PM – 1:30 PM	Break	Lunch	—	—	
WS – Stn 1	1:30 PM – 4:30 PM	Workstation (1 hr each)	NIV & HFNO – New Asymmetric Cannula	Faculty	Hands-On Workstation	3 stations rotating
WS – Stn 2	1:30 PM – 4:30 PM	Workstation (1 hr each)	Simple Modes of Ventilation – Control / Assist Control, SIMV, PSV	Faculty	Hands-On Workstation	
WS – Stn 3	1:30 PM – 4:30 PM	Workstation (1 hr each)	Advanced Modes of Ventilation – PRVC, DuoPAP, APRV, Volume Support	Faculty	Hands-On Workstation	
Closing	4:30 PM – 5:00 PM	Wrap-Up	Wrap-Up and Day Summary	All Faculty	Discussion	
Session	Time	Type	Topic	Faculty	Format	Notes / Sub-points
Session 1	9:00 AM – 9:30 AM	Illustrative Lecture	Principles and Application of ASV	Faculty	Lecture	
Session 1	9:30 AM – 10:00 AM	Illustrative Lecture	How to Use Intelligent ASV	Faculty	Lecture	
Session 2	10:00 AM – 11:00 AM	Case-Based Learning	AHRF Case Has Deteriorated Further	Faculty	Case Scenario	Clinical picture, ABG, haemodynamics, ventilatory settings · P/F ratio 160 · Assessing lung recruitability · Setting
Session 2	11:00 AM – 11:30 AM	Lecture	Prone Ventilation	Faculty	Lecture	
Break	11:30 AM – 11:45 AM	Break	Tea Break	—	—	
Session 3	11:45 AM – 12:45 PM	Case-Based Learning	Obstructive Airway Disease – AECOPD	Faculty	Case Scenario	Clinical picture, ABG, haemodynamics, investigations · NIV application · Intubation & invasive ventilation · Auto
Break	12:45 PM – 1:30 PM	Break	Lunch	—	—	
WS – Stn 1	1:30 PM – 4:30 PM	Workstation (45 min each)	ARDS – Using the PV Tool	Faculty	Hands-On Workstation	4 stations rotating
WS – Stn 2	1:30 PM – 4:30 PM	Workstation (45 min each)	ARDS – Transpulmonary Pressure	Faculty	Hands-On Workstation	
WS – Stn 3	1:30 PM – 4:30 PM	Workstation (45 min each)	COPD & Asthma	Faculty	Hands-On Workstation	
WS – Stn 4	1:30 PM – 4:30 PM	Workstation (45 min each)	Weaning – on Hamilton	Faculty	Hands-On Workstation	
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