

Non Invasive Ventilation Workshop

Venue : AFMC

Coordinator –
Col Ashutosh

PROGRAM SCHEDULE

A. Morning Sessions: Talks by experts

Time	Session	Topic	Faculty
08:30 – 09:00	Registration & Welcome Tea	—	Organizing Team
09:00 – 09:10	Inaugural Session	Welcome Address & Objectives of the Workshop	Brig Vishal Vishnu Tewari
09:10 – 09:35	Talk 1	Basics of Neonatal Respiratory Physiology and Indications for NIV	Air Cmde Shamsher Dalal
09:35 – 10:00	Talk 2	Modes of NIV: CPAP, NIPPV, HFNC, BiPAP – Overview and Evidence	Col Subhash Shaw
10:00 – 10:15	Tea Break	—	—
10:15 – 10:40	Talk 3	Interfaces and Equipment: Nasal Prongs, Masks, Circuits	Surg Capt Vivek Bhat
10:40 – 11:05	Talk 4	Monitoring and Troubleshooting in NIV	Wg Cdr Ajay Garg
11:05 – 11:30	Talk 5	Complications and When to Escalate to Invasive Ventilation	Col R Praveen
11:30 – 12:30	Case-Based Discussion	Common Clinical Scenarios in Neonatal NIV	Interactive Panel
12:30 – 13:30	Lunch Break	—	—

B. Afternoon sessions: Hands-On Skill Stations (13:30 – 15:30)

Rotating stations – small groups, 30 minutes per station

Station	Focus Area	Instructor
Station 1	Setting up and calibrating machines for NIPPV and CPAP	Lt Col Manish Taneja
Station 2	Selecting and fitting nasal interfaces	Surg Cdr Swati Dash
Station 3	Managing alarms and troubleshooting NIV	Lt Col Vinod Dagar
Station 4	Live demonstration using mannequin – bubble CPAP/NIPPV	Sug Cdr Manas Mishra

C. Closing Session

Time	Session	Details
15:30 – 16:00	Quiz/MCQ Session	Interactive session to reinforce learning
16:00 – 16:30	Feedback & Open House	Suggestions and reflections from participants
16:30 – 17:00	Valedictory & Certificate Distribution	Brig Vishal Vishnu Tewari/ Lt Col Geetanjali Jain