

Acute Non-Invasive Ventilation & Home Mechanical Ventilation

Practical Course Programme

Wednesday 8 July 2026

Manchester Central Convention Complex, Manchester

2 x half-day practical sessions

Morning Group - 08:30 to 12:50

Afternoon Group - 13:40 to 17:30

Time Morning Group	Time Afternoon Group	Focus of session	Description
08:30 – 09:00	12:50 - 13:40	N/A	Registration
09:00 - 09:10	13:40 - 13:50	Brief overview Dr Michael Davies, Dr Alanna Hare, Mrs Alison Armstrong	All delegates to attend in large group then break off
12:50 – 13:00	17:20 – 17:30	Round up & summary	All delegates to come back together
The following groups will rotate every 45 minutes			
Focus of Session (ask faculty to focus on the basics rather than too much content to avoid potential overload)		Description	
1. Overview of NIV device		Plug, interface, modes, O2 connector, humidification Navigating your way round the device.	
2. Interface troubleshooting		Optimising mask fit; mask options; identifying interface issues using obs, vent, overnight pulse ox, etc	
3. Optimising settings (pressure, time, flow)		Quick re-cap of physiology of settings for NIV, use of AG's to discuss changes, using vent parameters/obs to determine setting alterations, etc	
The following station will be a whole group session			
Troubleshooting patients and vents		This session provides delegates the opportunity to combine learning from the practical stations with an understanding of ventilator data and waveforms. Basic waveform analysis is shown in relation to clinical scenarios. We will explore problems with sputum retention, bronchospasm and asynchrony, alongside the roles of the wider MDT	
10:40 – 11:00	15:20 – 15:40	BREAK	
12:50 – 13:40		LUNCH FOR ALL	