**Acute Non-Invasive Ventilation & Home Mechanical Ventilation**

**Practical Course Programme**

**Wednesday 18 June 2025**

**The Lowry Hotel, Manchester**

**2 x half-day practical sessions**

Morning Group - 08:30 to 12:50 Afternoon Group - 13:40 to 17:30

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| **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, Mrs Ema Swingwood | 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** | **Description** |
| 1. **Overview of NIV device**
 | Plug, interface, modes, 02 connector, humidificationNavigating your way round the device. |
| 1. **Interface troubleshooting**
 | Optimising mask fit; mask options; identifying interface issues using obs, vent, overnight pulse ox, etc |
| 1. **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 station provides delegates the opportunity to combine learning into a hands-on, simulation based, clinical scenario. 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** |