**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**   Facilitators: Samantha Wood,  Martin Latham, Liam Campbell,  & Debbie Field | | Plug, interface, modes, 02 connector, humidification  Navigating your way round the device. | |
| 1. **Interface troubleshooting**   Facilitators: Jane Rodger, Katie Kaiser,  Amanda Clarke & Emily Young | | Optimising mask fit; mask options; identifying interface issues using obs, vent, overnight pulse ox, etc | |
| 1. **Optimising settings (pressure, time, flow)**   Facilitators: Becky Hall, Lucy Redmond, Anna Hanak & Steve Cutts | | 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**  Facilitators: Verity Ford & Ashwin Bhat | | 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** | |