

# Acute Non-Invasive Ventilation & Home Mechanical Ventilation Short Course

7 & 8 May 2026

## Online Programme

|                          |                                                                                            |
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|                          | <b>THURSDAY 7 MAY 2026</b>                                                                 |
| <b>09.00am – 09.05am</b> | Welcome & Introduction                                                                     |
| <b>SESSION 1</b>         | <b>GETTING THE BASICS RIGHT: physiology of NIV &amp; anatomy of a ventilator</b>           |
| <b>09.05am – 09.40am</b> | Physiology of ventilation                                                                  |
| <b>09.40am – 10.20am</b> | Making sense of the ventilators                                                            |
| <b>10.20am – 10.40am</b> | <b>SCREEN BREAK</b>                                                                        |
| <b>SESSION 2</b>         | <b>DELIVERING ACUTE NIV: what and when</b>                                                 |
| <b>10.40am – 11.20am</b> | Waveforms and optimising ventilation                                                       |
| <b>11.20am - 11.50am</b> | Patient selection                                                                          |
| <b>11.50am – 12.30pm</b> | <b>LUNCH BREAK</b>                                                                         |
| <b>SESSION 3</b>         | <b>WHAT'S NEXT?: monitoring progress; stopping NIV &amp; follow up</b>                     |
| <b>12.30pm – 1.20pm</b>  | How do you start and monitor NIV                                                           |
| <b>1.20pm – 2.20pm</b>   | Acute NIV on the ward – case studies and troubleshooting<br>(common problems that come up) |
| <b>2.20pm – 2.40pm</b>   | <b>SCREEN BREAK</b>                                                                        |
| <b>2.40pm – 3.20pm</b>   | How to stop NIV successfully; next steps                                                   |
| <b>3.20pm – 4.10pm</b>   | Escalation and what do you do when treatment fails?                                        |
| <b>4.10pm – 4.30pm</b>   | Final Q&A Session & End of day 1<br><b>Faculty panel</b>                                   |

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|--------------------------|--------------------------------------------------------------|
|                          | <b>FRIDAY 8 MAY 2026</b>                                     |
| <b>09.00am – 09.05am</b> | Welcome, Introduction to day 2                               |
| <b>SESSION 4</b>         | <b>HMV SERVICE DELIVERY</b>                                  |
| <b>09.05am – 09.45am</b> | Starting long term NIV: why, when, where?                    |
| <b>SESSION 5</b>         | <b>ASSESSMENT AND TREATMENT</b>                              |
| <b>09.45am – 10.25am</b> | HMV in NMD                                                   |
| <b>10.25pm – 11.05am</b> | HMV in COPD                                                  |
| <b>11.05am – 11.25am</b> | <b>SCREEN BREAK</b>                                          |
| <b>11.25am – 12.05pm</b> | HMV for Obesity & scoliosis-related respiratory failure      |
| <b>12.05am – 12.45am</b> | Case studies of HMV in other respiratory conditions          |
| <b>12.45pm – 1.15pm</b>  | <b>LUNCH BREAK</b>                                           |
| <b>SESSION 6</b>         | <b>SECRECTIONS: COUGH ASSESSMENT AND MANAGEMENT</b>          |
| <b>1.15pm – 1.40pm</b>   | Cough assessment                                             |
| <b>1.40pm – 2.20pm</b>   | Mechanical strategies to manage airway secretions            |
| <b>2.20pm – 2.45pm</b>   | Pharmacological management of secretions                     |
| <b>SESSION 6</b>         | <b>FOLLOW UP AND TROUBLESHOOTING</b>                         |
| <b>2.45pm – 3.25pm</b>   | Monitoring and troubleshooting in HMV                        |
| <b>3.25pm – 3.40pm</b>   | Patient perspective of NIV – what makes a difference to them |
| <b>3.40pm – 4.10pm</b>   | Q&A Session<br><b>Faculty panel</b>                          |
| <b>4.10pm – 4.15pm</b>   | <b>Closing summary</b>                                       |

