

Acute Non-Invasive Ventilation & Home Mechanical Ventilation Short Course

7 & 8 May 2026

Online Programme

THURSDAY 7 MAY 2026	
09.00am – 09.05am	Welcome & Introduction
SESSION 1	GETTING THE BASICS RIGHT: PHYSIOLOGY OF NIV & ANATOMY OF A VENTILATOR
09.05am – 09.40am	Physiology of ventilation (30 + 5 for q&a) Sara Parsons, Chief Respiratory Physiologist, St George's Hospital, London
09.40am – 10.20am	Making sense of the ventilators (30 + 10 for q&a) <i>(to include overview of ventilators and what they do – be specific to cover pressure support, pressure control and to touch on AVAPS, etc)</i> Becky Hall, Advanced Physiotherapist Practitioner, University Hospitals Bristol & Weston NHS FT, Bristol
10.20am – 10.40am	SCREEN BREAK
SESSION 2	DELIVERING ACUTE NIV: WHAT AND WHEN
10.40am – 11.20am	Waveforms and optimising ventilation (30 + 10 for q&a) Verity Ford, Consultant Physiotherapist, Royal Preston Hospital, Preston
11.20am - 11.50am	Patient selection (20 + 10 for q&a) Nicholas Lane, Consultant Respiratory and Home Ventilation Physician Royal Victoria Infirmary, Newcastle upon Tyne
11.50am – 12.30pm	LUNCH BREAK
SESSION 3	WHAT'S NEXT?: MONITORING PROGRESS; STOPPING NIV & FOLLOW UP
12.30pm – 1.20pm	How do you start and monitor NIV (40 + 10 for q&a) Catrin Emery, Specialist physiotherapist, Royal Brompton Hospital, London
1.20pm – 2.20pm	Acute NIV on the ward – case studies and troubleshooting (common problems that come up) (45 to inc. interactive polling + 15 for q&a) Rachael Arries, Specialist Physiotherapist, Northumbria Healthcare NHS FT, Northumberland
2.20pm – 2.40pm	SCREEN BREAK

2.40pm – 3.20pm	Weaning from acute NIV (30 + 10 for q&a) <i>(to focus on stopping and monitoring in the acute setting & discharge – cover HOT HMV study)</i> Karen Brewin, Principal Physiotherapist, Northumbria Specialist Emergency Care Hospital
3.20pm – 4.10pm	Escalation and what do you do when treatment fails? (40 + 10 for q&a) <i>(to focus on issues in acute NIV) OR is this about long term NIV)</i> Hilary Tedd, Consultant, Royal Victoria Infirmary, Newcastle upon Tyne
4.10pm – 4.30pm	Final Q&A Session & End of day 1 Faculty panel

	FRIDAY 8 MAY 2026
09.00am – 09.05am	Welcome, Introduction to day 2
SESSION 4	HMV SERVICE DELIVERY
09.05am – 09.45am	Starting long term NIV: why, when, where? (30 + 10 for q&a) Jane Rodger, Senior Nurse Specialist Royal Victoria Infirmary, Newcastle upon Tyne
SESSION 5	ASSESSMENT AND TREATMENT <i>Within the 3 disease groups speakers to cover:</i> <ul style="list-style-type: none"> • <i>Making an assessment – criteria for commencing HMV</i> • <i>How to set this up for that condition</i> • <i>How do you follow them up – assessment, outcome measures</i> • <i>Inc evidence / national guidance to support above</i>
09.45am – 10.25am	HMV in NMD (incl. MND) (30 + 10 for q&a) Michelle Ramsay, Consultant, St Thomas' Hospital, London
10.25pm – 11.05am	HMV in COPD (30 + 10 for q&a) Nicholas Lane, Newcastle upon Tyne
11.05am – 11.25am	SCREEN BREAK
11.25am – 12.05pm	HMV for Obesity & scoliosis-related respiratory failure (30 + 10 for q&a) Dr Swapna Mandal, Consultant, Royal Free Hospital, London
12.05pm – 12.45pm	Case studies of HMV in other respiratory conditions (30 to incl. interactive polling + 10) Anna Hanak, Respiratory Physiotherapist, Royal Brompton Hospital, London
12.45pm – 1.15pm	LUNCH BREAK

SESSION 6	SECRETIONS: COUGH ASSESSMENT AND MANAGEMENT
1.15pm – 1.40pm	Cough assessment (20 to incl. interactive polling + 5 for q&a) <i>(to include why do you want to do assessment, what are you looking for, how do you assess cough?)</i> Kathy George, Clinical Specialist Physiotherapist, Royal Victoria Infirmary, Newcastle
1.40pm – 2.20pm	Mechanical strategies to manage airway secretions <i>(to include cough assist and LVR bag, etc)</i> (30 to inc. interactive polling + 10 for q&a) Liam Campbell, Advanced Practice Physiotherapist in Long Term Ventilation and Weaning, Aintree Hospital, Liverpool
2.20pm – 2.45pm	Management of oral secretions and aspiration <i>(to include medications/Botox, etc)</i> (20 + 5 for q&a) Melanie Taylor, Speech & Language Therapist, The Walton Centre, Liverpool
SESSION 7	FOLLOW UP AND TROUBLESHOOTING
2.45pm – 3.25pm	Monitoring and troubleshooting in HMV (30 + 10 for q&a) Verity Ford, Lancashire
3.25pm – 3.40pm	Patient perspective of NIV – what makes a difference to them 'Maureen's Story'
3.40pm – 4.10pm	Q&A Session Faculty panel
4.10pm – 4.15pm	Closing summary