

# ANNIVERSARY CONFERENCE

21-22 MAY 2026

ICC BELFAST



## Thursday 21<sup>st</sup> May 2026

Time/ Location	Session
08:30-09:30 <i>Main Plenary – Hall 1A</i>	<b>Respiratory Masterclass</b> <b>Chair: Asia Awal</b> <ul style="list-style-type: none"><li>○ <b>08:30</b> - Diagnostic Tests for Asthma – Samuel Wallbanks</li><li>○ <b>09:00</b> - Overview of the Guidelines – Dr Vicky Moore</li></ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>- Explain the scientific principles of asthma diagnostics including FeNO, spirometry and challenge tests</li><li>- Interpret results and apply evidence-informed clinical reasoning</li><li>- Apply guideline-driven diagnostic pathways safely</li><li>- Evaluate strengths and limitations of asthma tests</li></ul>
08:30-09:30 <i>Hall 2A</i>	<b>Paediatric Session: Panel Discussion - Working in Paediatrics</b> <b>Chair: Dr Laurie Smith</b> <b>Panel: Matthew Davies, Natalie Blyth, Dr Sam Irving &amp; Philip Lawrence</b> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>- Describe multidisciplinary responsibilities in paediatric respiratory services</li><li>- Recognise ethical considerations including safeguarding and consent</li><li>- Identify limits of competence and appropriate escalation pathways</li><li>- Apply reflective practice and CPD strategies to paediatric care</li></ul>
09:30 – 09:45 <i>Hall 1BCD</i>	<b>Refreshments and Manufacturers Exhibition</b>
09:45 – 10:00 <i>Main Plenary – Hall 1A</i>	<b>Welcome and Introduction – The History of ARTP</b> Dr Joanna Shakespeare, Honorary Chair ARTP and Matthew Rutter, Vice Chair ARTP
10:00 – 10:45 <i>Main Plenary – Hall 1A</i>	<b>The Past - P K Morgan Memorial Lecture</b> <b>Chairs: Dr Joanna Shakespeare, Honorary Chair ARTP and Matthew Rutter, Vice Chair ARTP</b> <ul style="list-style-type: none"><li>○ <b>10:00</b> - Spirometry - Dr Rob Primhak</li><li>○ <b>10:15</b> - Respiratory Physiology Investigations - Kevin Hogben</li><li>○ <b>10:30</b> - Sleep Diagnostics - Professor Brendan Cooper</li></ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>- Compare historical and current diagnostic technologies</li><li>- Understand how innovations shaped modern clinical practice</li><li>- Apply knowledge of limitations and variability in interpretation</li></ul>
10:45 – 11:15 <i>Hall 1BCD</i>	<b>Refreshments and Manufacturers Exhibition</b>

<b>Time/ Location</b>	<b>Session</b>
11:15 – 12:30 <i>Hall 2B</i>	<b>Directed Poster Sessions</b> <b>Chairs: Helen Purcell and Dr James Stockley</b>  <b>Chairs: Max Thomas and Natalie Goodwin</b>
11:15 – 12:30 <i>Main Plenary – Hall 1A</i>	<b>Paediatric Session - Complex Paediatric Disease</b> <b>Chairs: Joe Madge and Sarah Blacklock</b> <ul style="list-style-type: none"> <li>○ <b>11:15</b> - Non CF Bronchiectasis - Dr Stefan Unger</li> <li>○ <b>11:35</b> - Prematurity-Associated Lung Disease - Professor Sailesh Kotecha</li> <li>○ <b>11:55</b> - Exercise Testing and Obesity - Dr Erol Gaillard</li> <li>○ <b>12:15</b> – Q&amp;A</li> </ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>- Explain pathophysiology across complex paediatric conditions</li> <li>- Evaluate diagnostic and safety considerations</li> <li>- Integrate MDT approaches to support complex care</li> <li>- Use effective communication with children and families</li> </ul>
12:30 – 13:45 <i>Hall 1BCD</i>	<b>Refreshments and Manufacturers Exhibition</b>
12:45 – 13:45 <i>Main Plenary – Hall 1A</i>	<b>ARTP Research Workshop - Research Breakthroughs in History</b> <b>Chair: Dr Sam Irving</b> <ul style="list-style-type: none"> <li>○ From Krogh to the Clinic: A Brief, Chaotic History of Transfer Factor (TLco)! - Dr Adrian Kendrick</li> <li>○ Future trends in respiratory physiology research - Laurie Smith</li> </ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>- Describe major historical research breakthroughs</li> <li>- Recognise ethical research conduct requirements</li> <li>- Understand translation of research to guidelines</li> </ul>
12:45 -13:45 <i>Meeting Room 1A</i>	<b>ResMed (UK) Ltd Sponsored Workshop</b> <b>Pathway Redesign for Sleep Diagnostics</b>
12:45 -13:45 <i>Meeting Room 1B</i>	<b>Vitalograph Sponsored Workshop</b> <b>PFT</b>
12:45 -13:45 <i>Meeting Room 2A</i>	<b>Jaeger Medical Sponsored Workshop</b> <b>Single-breath TLCO in daily practice: The why behind quality control, corrections and influencing factors</b>
13:45 – 15:00 <i>Hall 2B</i>	<b>Directed Poster Sessions</b> <b>Chairs: Professor Brendan Cooper and Dr Vicky Moore</b>  <b>Chairs: Andrew Morley and Trish Matharu</b>
13:45 – 15:00 <i>Main Plenary – Hall 1A</i>	<b>The Impact of Exercise in Disease</b> <b>Chairs: Andrew Pritchard and Isobel Briggs</b> <ul style="list-style-type: none"> <li>○ <b>13:45</b> - Exercise and Mental Health - Dr Matt Jewiss</li> <li>○ <b>14:05</b> - Exercise Pulmonary Rehabilitation in Patients with Respiratory Disease – Annette Henderson</li> <li>○ <b>14:25</b> - Exercise Training Case Study – Matthew Rutter</li> <li>○ <b>14:45</b> – Q&amp;A</li> </ul>

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### Learning Objectives:

- Explain physiological/psychological mechanisms behind exercise benefits
  - Apply evidence to pulmonary rehabilitation pathways
  - Evaluate safety considerations in exercise testing
  - Analyse case studies to strengthen clinical reasoning
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15:00 – 16:00

*Main Plenary – Hall 1A*

### The Present - A Year in Review

**Chairs: Dr Karl Sylvester and Joanne Dodds**

- **15:00** - Respiratory Physiology - Ben Knox-Brown
  - **15:20** - Sleep Physiology - Alice Bonham-Carter
  - **15:40** - Paediatrics - Paul Burns
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16:00 – 16:30

*Main Plenary – Hall 1A*

### ARTP Annual General Meeting

16:30 – 17:00

*Hall 1BCD*

### Refreshments and Manufacturers Exhibition

17:00 – 18:00

*Main Plenary – Hall 1A*

### Research Poster Oral Presentations

**Chairs: Dr Samantha Irving and Dr Laurie Smith**

- **17:00 – O1** The prognostic value of oxygen saturation recovery time post 6MWT in interstitial lung disease - Miss Lucy Robertson
  - **17:15 – O2** Developing an in-house physiologist-led cardio-respiratory research service- Mrs Michelle Spence
  - **17:30 – O3** Real-World Implementation of a Fully Digital Diagnostic Pathway for Obstructive Sleep Apnoea in the NHS: A Multi-Site Service Evaluation- Dr Jay Darley
  - **17:45 – O4** Assessing longitudinal change in lung function using <sup>129</sup>Xe-MRI and pulmonary function testing in cystic fibrosis. - Mrs Demi Jakymelen
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### Closing Remarks

19.30

### Evening Informal Social Event

The Northern Whig, 2-10 Bridge Street, Belfast, BT1 1LU

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## Friday 22<sup>nd</sup> May 2026

Time/ Location	Session
08:30-09:30 <i>Main Plenary – Hall 1A</i>	<b>Back to the Fundamentals of Physiology – Oscillometry</b> <b>Chair: Sara McArthur</b> <ul style="list-style-type: none"><li>○ 08:30 - Undertaking the Measurement - Holly Le Winton</li><li>○ 09:00 - Clinical Applications and Case Studies - Maddie Geeves</li></ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>- Understand scientific principles of oscillometry</li><li>- Perform oscillometry accurately and safely</li><li>- Interpret oscillometry data and case examples</li><li>- Compare oscillometry with other lung function tests</li></ul>
08:30-09:30 <i>Hall 2A</i>	<b>Sleep Masterclass - Scientist-Led Clinics</b> <b>Chair: Matthew Davies</b> <ul style="list-style-type: none"><li>○ 08:30 - History Taking and Physical Examination - Trish Matharu</li><li>○ 09:00 - CPAP Support Groups - Niall Totten</li></ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>- Conduct structured sleep histories and examinations</li><li>- Use patient-centred communication in sleep care</li><li>- Facilitate CPAP support and patient self-management</li><li>- Recognise when to escalate beyond competence</li></ul>
08:30-09:30 <i>Meeting Room 2B</i>	<b>Skills Workshop 1 - (Delivered in conjunction with SCST)</b> <b>The Practical ECG - A&amp;P, conduction system, equipment requirements, normal ECG</b> <ul style="list-style-type: none"><li>○ Amanda Morton</li><li>○ Jenny Tonkinson-Hoare</li></ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>- Perform exercise ECG within safe governance frameworks</li></ul>
08:30-09:30 <i>Meeting Room 1A</i>	<b>Nomics Care UK Sponsored Workshop</b> <b>Waiting lists: a losing battle or an opportunity to rethink your pathway?</b>
08:30-09:30 <i>Meeting Room 1B</i>	<b>Vitalograph Sponsored Workshop</b>
09:30 – 10:00 <i>Hall 1BCD</i>	<b>Refreshments and Manufacturers Exhibition</b>
10:00 – 11:00 <i>Main Plenary – Hall 1A</i>	<b>Sleep Keynote - Phrenic Nerve Pacing in Central Hypoventilation Disorders</b> <b>Chairs: Andrew Morley and Emma-Jayne Simpson</b> <ul style="list-style-type: none"><li>○ James Oakley and Dr Martin Samuels</li></ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>- Understand the principles of phrenic nerve stimulation</li><li>- Evaluate ethical and clinical implications</li><li>- Discuss impacts on future service models</li></ul>

<b>Time/ Location</b>	<b>Session</b>
11:30 – 12:45 <i>Hall 2B</i>	<b>Directed Poster Sessions</b> <b>Chairs: Dr Karl Sylvester and George Bingham</b>  <b>Chairs: Dr James Stockley and Sara McArthur</b>
11:30 – 12:45 <i>Main Plenary – Hall 1A</i>	<b>Sleep and Ventilation Session - Home Ventilation and Neuromuscular Disease</b> <b>Chair: Dr Richard Glover and Lisa McManus</b> <ul style="list-style-type: none"> <li>○ <b>11:30</b> - Ventilator-Induced Laryngeal Obstruction - Dr Ben Messer</li> <li>○ <b>11:50</b> - Hypoxic Challenge Tests for Patients Using NIV - Dr Martin Samuels</li> <li>○ <b>12:10</b> - Patients Transitioning to Adult Ventilation Services - Natalie Blythe</li> <li>○ <b>12:30</b> – Q&amp;A</li> </ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>- Recognise mechanisms and safety issues in VILO</li> <li>- Apply safe practice in hypoxic challenge testing</li> <li>- Understand MDT transition pathways for young adults</li> <li>- Communicate effectively across care teams</li> </ul>
12:45 – 14:00 <i>Hall 1BCD</i>	<b>Refreshments and Manufacturers Exhibition</b>
13:00 – 14:00 <i>Main Plenary – Hall 1A</i>	<b>ARTP Workshop - From Technicians to Consultants</b> <b>Chair: Max Thomas</b> <ul style="list-style-type: none"> <li>○ <b>13:00</b> - The Evolution of Roles in Respiratory and Sleep Science – Dr Ian Cliff</li> <li>○ <b>13:30</b> - Creating a Scientist – Liza Kovacs</li> </ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>- Understand competencies required across professional levels</li> <li>- Apply reflective practice to career development</li> <li>- Identify opportunities for service innovation</li> </ul>
13:00 – 14:00 <i>Meeting Room 2B</i>	<b>Skills Workshop 2 - (Delivered in conjunction with SCST)</b> <b>The Exercise ECG - Indications and contraindications, normal v abnormal</b> <ul style="list-style-type: none"> <li>○ Amanda Morton</li> <li>○ Jenny Tonkinson-Hoare</li> </ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>- Interpret ECG abnormalities systematically</li> </ul>
13:00 – 14:00 <i>Meeting Room 1A</i>	<b>Sefam Medical Sponsored Workshop</b> <b>Hypoxia /Central SA and Cardiac issues are they important? and Do therapy cloud system have a role in detecting and monitoring them?</b>
13:00 – 14:00 <i>Meeting Room 1B</i>	<b>Intus Healthcare Sponsored Workshop</b> <b>Not All CPAP Devices Are Created Equal: From Algorithms to Proven Performance</b>
14:00 – 15:15 <i>Main Plenary – Hall 1A</i>	<b>Respiratory Session: Optimising Oxygen Therapy Across the Patient Journey</b> <b>Chairs: Dr Julie Lloyd and Brett Gregory</b> <ul style="list-style-type: none"> <li>○ <b>14:00</b> - Oxygen Assessment and Prescription – Elizabeth Dobson</li> <li>○ <b>14:20</b> - Travelling and Oxygen from a Patient and Carer Perspective – Mrs Una McMillan and Mr Tom McMillan</li> <li>○ <b>14:40</b> - High Flow Nasal Therapy - Milind Sovani</li> <li>○ <b>15:00</b> – Q&amp;A</li> </ul> <b>Learning Objectives:</b> <ul style="list-style-type: none"> <li>- Apply oxygen assessment and prescription protocols</li> <li>- Recognise patient-centred needs with oxygen travel</li> </ul>

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- Evaluate safety of high-flow therapy
  - Communicate findings across MDTs
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14:00 – 15:15

Hall 2A

### **Sleep Session: Pro/Con Debate: Central Sleep Apnoea – To Treat or Not to Treat?**

**Chairs: Absari Choudhury and Craig McDonnell**

- **14:00** - Central Sleep Apnoea - Trish Matharu
- **14:20** - Pro – Prof Anita Simonds
- **14:40** - Con - Dr Adrian Kendrick
- **15:00** – Q&A

#### **Learning Objectives:**

- Critically analyse evidence for/against CSA treatment
  - Demonstrate ethical reasoning in clinical controversies
  - Communicate complex decisions clearly
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14:00 – 15:15

Meeting Room 2B

### **Skills Workshop 3 - (Delivered in conjunction with SCST)**

**Interpreting the Exercise ECG - examples of exercise ECG and interpretation, case studies and example SCST exam questions**

- Amanda Morton
- Jenny Tonkinson-Hoare

#### **Learning Objectives:**

- Document clinical findings accurately
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15:15 – 15:45

Hall 1BCD

### **Refreshments and Manufacturers Exhibition**

15:45 – 16:45

Main Plenary – Hall 1A

### **The Future - Plenary Session**

**Chairs: Aisling MacGowan and Calvin Apen**

- What's Next in Respiratory and Sleep Physiology? - Professor Will Man, ARTP President

#### **Learning Objectives:**

- Explore emerging technologies shaping future practice
  - Assess implications for workforce/service development
  - Understand risks/benefits of adopting new science
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16:45 – 17:00

Main Plenary – Hall 1A

### **Closing Remarks**

18.30

**Coaches to Gala Dinner Venue**

**Pick up from Hilton Belfast**

19:00

**Gala Dinner and Awards Ceremony**

**The Titanic Belfast, 1 Olympic Way, Belfast, BT3 9EP**