**Respiratory Physiology – What you need to know**

**3 June 2025, Birmingham Conference & Events Centre**

**Programme**

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| **08.45am – 09.00am**  | **REGISTRATION & REFRESHMENTS** |
| **09.00am – 09.15am** | **Welcome & Introduction** Neil Greening, Consultant Respiratory Physician, Glenfield Hospital, Leicester |
| **09.15am – 10.00am** | **Spirometry**Claire Francis, ARTP Spirometry Chair, Wye Valley NHS Trust |
| **10.00am – 10.45am** | **Gas Transfer - I know it's important but what does it really mean?**Joanna Shakespeare, Consultant Clinical Scientist, Coventry & Warwickshire NHSFT |
| **10.45am – 11.15am** | **Static Lung Volumes - why does it matter?**Neil Greening, Consultant Respiratory Physician, Glenfield Hospital, Leicester |
| **11.15am – 11.30am** | **COFFEE/TEA BREAK** |
| **11.30am – 1.00pm** | **ALTERNATING WORKSHOPS x 3**1. **Spirometry & FENO**

Adam Coulson, Advanced Respiratory Physiologist, Royal Derby Hospital 1. **Single Breath Gas Transfer**

 Sarah Hayman, Advanced Physiologist, Royal Derby Hospital1. **Whole Body Plethysmography**

Jess Hartley, Advanced Physiologist, Royal Victoria InfirmaryNewcastle upon Tyne  |
| **1.00pm – 1.45pm** | **LUNCH** |
| **1.45pm – 2.15pm** | **Blood Gases**Absari Maisha Choudhury, Clinical Scientist University Hospitals Coventry and Warwickshire NHS Trust |
| **2.15pm – 3.00pm** | **Interpreting pulmonary function - Latest Guidance & Artificial Intelligence** William Man, Consultant Chest PhysicianHarefield Hospital, Middlesex & Claire Francis |
| **3.00pm – 3.15pm** | **COFFEE/TEA BREAK** |
| **3.15pm – 4.15pm** | **Interactive Interpretation Session**All Faculty, discussion led by Neil Greening |
| **4.15pm – 4.30pm** | **Feedback & CLOSE** |