**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 Hospital   1. **Whole Body Plethysmography**   Jess Hartley, Advanced Physiologist, Royal Victoria Infirmary  Newcastle 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 Physician  Harefield 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** |