

**11th K J P Paediatric Respiratory Conference**  
**PROGRAMME**  
**2<sup>nd</sup> / 3<sup>rd</sup> April 2025**

**Theme: Collaborative innovation**

**CONFERENCE PROGRAMME****Wednesday 2<sup>nd</sup> April 2025**

08:00 – 09:00	<b>REGISTRATION</b>
08:00 – 08:45	<b>COFFEE</b>
	<b>SESSION 1A (Auditorium): SYMPOSIUM: Opening Session Keynote lectures.</b>
08:45– 08:50	Welcome Prof Atul Gupta  Chair: Prof Atul Gupta, Dr Kat Harman
08:50-10:30	BPD to COPD (20mins plus 10min) Prof. Anne Greenough  Preschool Asthma or Wheeze: diagnosis and management (30mins plus 10min) Prof. Francine Ducharme  Emerging role of Artificial Intelligence and technology in Paediatric Respiratory Medicine (20mins plus 10min) Dr. Keith Grimes
10:30 – 11:00	<b>COFFEE</b>
	<b>SESSION 2</b>
	<b>SESSION 2A (Auditorium): Emerging Trends &amp; Challenges.</b>
11:00 – 12:30	Chair: Dr Alexandra Nanzer-Kelly, Dr Norrice Liu  Biologics in Severe Asthma – learnings for paediatricians (& how to intervene early on) (20mins plus 10min) Prof. David Jackson

	<p>Biologic Therapies in Severe Asthma in CYP / Choosing Biologic Therapies for Children with Severe Asthma (20mins plus 10min) Prof Atul Gupta</p> <p>Machine learning and AI in Asthma (20mins plus 10min) Prof. Adnan Custovic</p>
	<b>SESSION 2B (Lecture Theatre 1): Challenges in Children with Severe Neurodisabilities</b>
11:00 – 12:30	<p>Chair: Dr Don Urquhart, Dr Kat Harman</p> <p>Respiratory Challenges in Children with Neurodisabilities Dr Don Urquhart</p> <p>Withdrawing and Withholding Care in Children with Neurodevelopmental Disabilities</p> <ul style="list-style-type: none"> <li>● Clinician’s view (20mins) Prof Andy Bush</li> <li>● Judge’s view (20mins) The Honourable Mr Justice Hayden</li> </ul> <p>Panel discussion (30mins) The Honourable Mr Justice Hayden Dr Elaine Chan Prof Andy Bush</p>
	<b>SESSION 2C (Lecture Theatre 2): Radiology Workshop</b>
11:00 – 12:30	<p>Chair: Dr Saira Haque</p> <p>Dr Tom Semple</p> <ul style="list-style-type: none"> <li>● Basics in Paediatric CXR and CT interpretation</li> </ul>

	<ul style="list-style-type: none"> <li>• Imaging in Central airway disease / Dynamic Airway</li> <li>• Imaging in Lung disorders</li> <li>• CT or MRI – which study should I request?</li> </ul>
12:30 – 13:30	<b>LUNCH</b>
13:00 -13:25	<b>Poster discussion (Arcade)</b>
	<p><b>Poster discussion Chairs:</b>  Dr Prasad Nagakumar, Dr Norrice Liu, Ms Billie Coverly,  Dr Sara Warraich, Dr Zoe Bothamley, Dr Polly Robinson</p>
	<b>SESSION 3</b>
	<b>SESSION 3A (Auditorium): Emerging Therapies</b>
13:30 -15:00	<p>Chair: Prof. Francine Ducharme, Prof Atul Gupta</p> <p>Advances in Allergen Immunotherapy for Asthma and Allergic Rhinitis (20mins plus 10min)  Prof. Graham Roberts</p> <p>Trained immunity as a therapeutic target for paediatric respiratory disease (20mins plus 10min)  Prof. Jonathan Grigg</p> <p>Bacterial and Antibacterial Interventions in Asthma Prevention and Management (20mins plus 10mins)  Prof. Fernando Martinez</p>
	<b>SESSION 3B (Lecture Theatre 1): Skills Workshop: AI in PRM</b>
13:30 -15:00	Chair: Dr Don Urquhart

	<p>Artificial Intelligence in Paediatric Respiratory Medicine: Practical Applications, Challenges, and Opportunities for Everyday Practice.</p> <p>Interactive Sessions with AI tools with real-world examples of AI generated tools / applications focussing on prompts in everyday practice, clinical decision support, administrative work and dangers of AI.</p> <p>Dr Keith Grimes Dr Umang Patel</p>
	<p><b>SESSION 3C (Lecture Theatre 2): Oral Abstract Presentation</b></p>
<p>13:30 -15:00</p>	<p>Chair: Dr Cara Bossley, Dr Neil Gibson</p> <p>Imaging lung structure and function in young children with PBB using 1H and 129Xe MRI</p> <p>Phase 3, Randomized, Controlled Trial Evaluating Safety, Efficacy, and Pharmacokinetics (PK) of Clesrovimab in Infants and Children at Increased Risk for Severe Respiratory Syncytial Virus (RSV) Disease</p> <p>Asthma 48': implementation of telephone follow-up and triage post discharge after an acute exacerbation of asthma.</p> <p>Asthma and Housing – Positive progress to improve the environmental health of CYP with asthma by the creation of a risk stratification tool and referral pathway</p> <p>Working collaboratively with educational colleagues to proactively identify children and young people with sub-optimally controlled asthma, optimise their care and reduce school absence.</p> <p>Investigating Variations and Five-Week Temporal Changes in Oxygen Saturation Indices Between Late Preterm and Term Infants: A Cohort Study</p>

	<p>Heated, humidified high flow therapy at home setting in children with respiratory failure- Single centre experience</p> <p>Novel Outpatient Non-Invasive Ventilation (NIV) Initiation Pathway: 7 Years of Experience at a regional specialist paediatric centre.</p> <p>Modified Hypoxic Challenge Testing for Children on Long Term Nocturnal Ventilation</p>
15:00-15:25	<b>COFFEE</b>
	<b>SESSION 4A (Auditorium): Latest in Asthma Management Across The Pathway (12 years and above)</b> <b>SPONSORED SYMPOSIUM</b>
15:25-16:25	<p>New BTS/NICE/SIGN asthma guidelines (NG245) and sharing best practice on explaining AIR and MART to patients Deborah Leese</p> <p>Key clinical data in the use of biologic treatments Dr Pujan Patel</p> <p>Case review Dr Emma Guy</p> <p>Discussion</p> <p><i>This is an AstraZeneca promotional symposium intended for UK HCPs only. Prescribing information for AZ medicines discussed will be available from an AZ representative at the meeting.</i></p>
	<b>SESSION 5A (Auditorium): We're Going on a Case Hunt: Clinical Challenges Beyond Guidelines</b>

16:30-17:30	Chair: Dr James Cook, Dr Sara Warraich  Is it asthma Doc? Dr Claire Edmondson Dr Affy Sepahzad  Growing up with asthma (and all the complications!) Dr John King Madeline Jeffries Charlotte Richardson
17:30 –18:30	<b>GIN &amp; FIZZ NETWORKING RECEPTION</b>
<b>CLOSE OF DAY 1</b>	

**CONFERENCE PROGRAMME****Thursday 3<sup>rd</sup> April 2025**

08:30 – 09:00

**COFFEE****SESSION 6A: KBP Room 4.03**

Grid Trainee Assessments

08:00 – 08:50

Chair: Dr Hazel Evans

Cystic Fibrosis – Pathophysiology and Understanding of Subclasses, CFTR Modulators, and Their Mode of Action

Embryological lung development and associated congenital lung malformations

Vaping and environmental impact on children's respiratory health and strategies to tackle this

**SESSION 7****SESSION 7A (Auditorium): Asthma Hot Topics**

09:00 – 10:30

Chair: Dr James Cook, Dr Lena Thia

Childhood Asthma: Exploring the Journey to (and from) Remission (20mins plus 10mins)

Prof. Francine Ducharme

Pro/ Con debate: Use of FeNO (Fractional Exhaled Nitric Oxide) in Monitoring of Asthma (12 min each plus 18 mins for discussion)

Pro: Dr Katy Pike

Con: Prof. Steve Turner

How can genetics improve paediatric asthma care? (14mins plus 4 mins for discussion)

Dr Cara Bossley



	<b>SESSION 7B (Lecture Theatre 1): Lung Infections</b>
09:00 – 10:30	<p>Chair: Dr Stefan Unger, Prof. Elizabeth Whittaker</p> <p>Resurgence of virulent respiratory pathogens / Mycoplasma pneumoniae (18mins) Prof. Elizabeth Whittaker</p> <p>How to prevent and deal with recurrent respiratory infections in infants &amp; preschool-age (18 mins) Dr Stefan Unger</p> <p>Long term impact of LTRI in children / Early life respiratory infections – implication for life (18 mins) Dr James Allinson</p> <p>Discussions (35 mins)</p>
	<b>SESSION 7C (Lecture Theatre 2): Common Challenges in Sleep and ventilation</b>
09:00-10:30	<p>Common Challenges in Sleep and ventilation in Trisomy 21, Prader-Willi syndrome &amp; Cerebral palsy Chairs: Dr Hui-leng Tan , Dr Kat Harman</p> <p>Abstract: Role of overnight oximetry in assessing the severity of obstructive sleep apnoea in children with Down syndrome: a dual-centre study (8 minutes)</p> <p>Challenging case and review (18 minutes plus 4 mins) Dr Kristien Vanhaverbeke and Dr Hui-leng Tan</p> <p>Abstract: Service evaluation of a ten-year cardiorespiratory polygraphy screening programme of children diagnosed with Prader-Willi syndrome on growth hormone at Southampton Children's Hospital (8 mins)</p>

	<p>Challenging case and review: (18 minutes plus 4 mins) Dr Caroline Reed and Dr Kat Harman</p> <p>Abstract: Health benefits of long-term respiratory support in children and young people with cerebral palsy: More than just making the sleep study better.... (8 mins)</p> <p>Respiratory support in cerebral palsy: (18 mins plus 4 mins) Dr Don Urquhart</p>
10:30– 11:00	<b>COFFEE</b>
	<b>SESSION 8</b>
	<b>SESSION 8A( Auditorium): Asthma: Emerging Trends and Challenges.</b>
11:00 – 12:30	<p>Chairs: Ms Claire Hepworth, Dr Katy Pike</p> <p>New BTS / NICE guidelines on chronic Asthma &amp; Implementation (15 mins plus 7 mins) Prof Ian Sinha</p> <p>Practical Approaches AIR and MART in Asthma Management: (18 mins plus 7 mins) Sukeshi Makhecha</p> <p><b>Pro / Con debate:</b> MART (Maintenance and Reliever Therapy) in 6-12-Year-Olds with Asthma: 12 min each plus 18 mins for discussion)</p> <p>Pro: Prof. Louise Fleming</p> <p>Con: Dr Prasad Nagakumar</p>
	<b>SESSION 8B (Lecture Theatre 1): Room for New Ideas</b>

11:00 – 12:30	<p>Chairs: Prof Steve Cunningham, Dr Cara Bossley</p> <p>The rapidly evolving RSV prevention landscape (20mins plus 10mins) Dr Thomas Williams</p> <p>New and Emerging Medical Devices to improve Child’s Respiratory Health (20mins plus 10mins) Dr Neil Gibson</p> <p>Trust me I’m Exhausted: How not to train a doctor (20 mins plus 10 mins) Dr Tim Newson</p>
<b>SESSION 8C (Lecture Theatre 2): Clean air and warm homes workshop</b>	
11:00 – 12:30	<p>Chair: Dr Abigail Whitehouse, Prof Ian Sinha, Dr Alice Lee</p> <p>Clean air and warm homes: What do we need to do to clean up the air patients breathe? (75 mins)</p> <p>Healthy homes – using data to support research Dr Olivia Swann.</p> <p>Clean Air Initiatives Dr Abigail Whitehouse</p> <p>Poverty and Respiratory health Prof Ian Sinha Dr Alice Lee</p> <p>Oral Abstract Presentation: Clean Air, Healthy Futures: Utilising young people’s voices to guide clinical conversations and advocacy (10 mins)</p>
12:30 – 13:30	<b>LUNCH</b>

13:00 – 13:25	<p style="text-align: center;"><b>Poster discussion (Arcade)</b></p> <p><b>Poster discussion Chairs:</b>  Dr Anil Shenoy, Dr Alison Garde, Dr Jane Kirby,  Dr Sara Warraich, Dr Thomas Williams, Dr Simone Hadjisymeou</p>
	<b>SESSION 9</b>
	<b>SESSION 9A (Auditorium): Asthma– the time is now</b>
13:30 – 15:00	<p>Chair: Dr Adam Lawton, Prof Atul Gupta</p> <p>Learning from preventable asthma deaths: NCMD report (15 mins)  Prof. Karen Luyt</p> <p>Socioeconomic deprivation and asthma outcomes (15 mins)  Prof Steve Cunningham</p> <p>How can NHSE help to prevent asthma deaths (15 mins)  Matthew Clark</p> <p>Trajectories of Lung Function from Childhood to Mid-Adult Life: Early Origins of Asthma (15 mins)  Prof. Fernando Martinez</p> <p>Discussions (30 mins)  Dr Jen Townsend  Prof. Karen Luyt  Prof Steve Cunningham  Prof. Fernando Martinez</p>
	<b>SESSION 9B (Lecture Theatre 1): Cystic Fibrosis: Challenging Cases beyond guidelines</b>

13:30 – 15:00	<p>Chair: Dr Dom Hughes, Dr Kat Harman</p> <p>When conventional Treatment isn't enough: a case of persistent respiratory challenges in a teenager with Cystic Fibrosis (22 mins) Dr Angela Tang</p> <p>CFTR genetics – when are CF mutations just not enough? (22 mins) Dr J Twynam-Perkins</p> <p>Absent response to CFTR modulator in two patients compound heterozygous for F508del and a complex allele (22 mins) Dr Emma Russell-Jones</p> <p>Tipping the scales – when does CFSPID become CF? (22 mins) Dr Kathryn Kimber</p> <p>Panel discussion Prof. Jane Davies Dr Gary Ruiz</p>		
<b>SESSION 9C (Lecture Theatre 2): Oximetry workshop</b>			
13:30 – 15:00	<p>Chair: Dr Hazel Evans, Dr Julie Duncan</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> <p>What It Measures &amp; How It Works Including Limitations of Oximetry</p> <p>Pitfalls in Set Up, Analysis &amp; Reporting</p> <p>Different Patterns on Oximetry Traces with Quiz</p> <p>Using Oximetry to Wean Neonates with Case Examples</p> <p>Panel Discussion</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Dr Hazel Evans/Dr Julie Duncan</p> <p>Mr Tom Larcombe</p> <p>Mr Tom Larcombe</p> <p>Dr Alison Garde</p> </td> </tr> </table>	<p>What It Measures &amp; How It Works Including Limitations of Oximetry</p> <p>Pitfalls in Set Up, Analysis &amp; Reporting</p> <p>Different Patterns on Oximetry Traces with Quiz</p> <p>Using Oximetry to Wean Neonates with Case Examples</p> <p>Panel Discussion</p>	<p>Dr Hazel Evans/Dr Julie Duncan</p> <p>Mr Tom Larcombe</p> <p>Mr Tom Larcombe</p> <p>Dr Alison Garde</p>
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<b>COFFEE</b>			
<b>SESSION 10A (Auditorium): The Colin Wallis Legacy Symposium: Driving Innovation Through Collaboration</b>			

15:25 – 16:55	<p>Chair: Dr Ian Balfour-Lynn, Dr Helen Spencer</p> <p>Introduction (7 min) Dr Ian Balfour-Lynn</p> <p>Respiratory management in complex multi-system disorders: A practical approach (18 mins) Dr Paul Aurora</p> <p>Surgery, Variations and outcomes of tracheal diseases in children (18 mins) Mr Nagarajan Muthialu</p> <p>Technology dependent children (18 mins) Dr James Paton Ms Elspeth Jardine</p> <p>The power of collaboration over competition, as epitomised by the LCFC (18 mins) Prof. Janet Stocks</p>
16:55 – 17:00	<p><b>Vote of thanks</b> Prof Atul Gupta</p>
16:55-19:00	<p><b>LONDON DRY GIN &amp; FIZZ EVENING PARTY</b></p>
<p><b>CLOSE OF DAY 2 AND CONFERENCE</b></p>	