MEETING NEW CHALLENGES

Paediatric respiratory medicine is evolving at a rapid pace – presenting exciting innovations and significant challenges to our daily practice.

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Paediatric respiratory medicine is evolving fast – presenting exciting innovations and significant challenges to our daily practice. From the GP practice to the emergency department to the specialist clinic – our management strategies are being revolutionised by advances in drug development and evidence-based research.

The King’s John Price Paediatric Respiratory Conference is one of the largest annual gatherings of multidisciplinary paediatric respiratory professionals in Europe. Over the years, we have acquired an outstanding reputation among professionals as the ideal forum for sharing new research, and discussing issues around respiratory problems in children and young people. Bringing the world’s leading experts together with healthcare professionals of all disciplines, the programme provides an ideal opportunity for professional networking and the sharing of ideas.

Last year we adapted quickly to a new digital format which has since become the main format of medical education during the pandemic. Despite the change from a ‘typical’ conference to a digital one – we hope that we can help you to continue developing your knowledge and skills in effectively managing children and young people with respiratory problems.

This event is now in its 7th year, and continues to provide an extensive and unique digital programme. The quality of submitted abstracts received has been fantastic and we are excited to share with you our innovative digital platform for sharing poster presentations this year. Last year saw the highest number of attendees yet, with more than 1,000 professionals attending. This year we are boasting more than 75 wide ranging faculty consisting of leading experts from the USA, the Netherlands, Hong Kong, Singapore, Australia and the UK.

Time is our most valuable asset, and we are incredibly grateful to you all for investing your time with us. In return, we hope that attending our lively, interactive conference will be a truly memorable learning experience for you, enabling you to return to the frontline inspired, motivated, and empowered.

We are also grateful to our faculty of experts who have generously committed their time to share their knowledge throughout the conference.

We hope that you enjoy the event and take away valuable learning experiences that you can apply in your practice.

Kind Regards

Atul
Dr Atul Gupta
Conference Director
Welcome Address
Dr Atul Gupta

SESSION 1A
COVID-19
Chairs: Dr Gary Ruiz / Dr Kat Harman
COVID-19: Lessons from Asia
Prof. Gary Wong
The reality of running trials in outbreaks and the ISARIC/WHO Clinical Characterisation Protocol
Prof. Calum Semple

SESSION 2A
HOT TOPICS
Chairs: Dr Atul Gupta / Dr Gary Doherty
Fireside chat: Pollution as an asthma risk factor
Prof. Jonathan Grigg / Dr Abigail Whitehouse
The airway microbiome in asthma development
Prof. Benjamin Marsland
Stretching break
Management of bronchiectasis exacerbations
Prof. Anne Chang
Azithromycin: uses in paediatric respiratory medicine
Dr James Cook
Do asthma attacks result in a persistent reduction in lung function in children?
Prof. Steve Turner

SESSION 2B
SLEEP / VENTILATION
Chairs: Dr Hui-Leng Tan / Dr Hazel Evans
Poster Discussion
Physiology, Sleep, NIV Abstracts No: 11, 17, 25, 31
Stretching break
Formula 1 and Ventilator Challenge UK
Mr Mark Mathieson
Mild obstructive sleep apnoea - does it matter?
Prof. Albert Martin Li
Sleeping like a baby – what does that mean?
Dr Don Urquhart
Breath holding and unusual awake phenomena
Dr Martin Samuels

SESSION 3A
CYSTIC FIBROSIS: THE ERA OF HIGHLY EFFECTIVE MODULATORS HAS ARRIVED, SO WHAT NEXT?
Chairs: Prof. Jane Davies / Dr Dominic Hughes
Where are we & where are we going? Gene/mRNA replacement and repair strategies
Prof. Eric Alton
The future of sexual and reproductive health in CF
Dr Jennifer Taylor-Coussar
Is the culture dead? The future of microbiology in CF
Dr Damian Downey
Panel Discussion
Prof. Eric Alton, Dr Raksha Jain, Dr Damian Downey

SESSION 3B
ASTHMA
Chairs: Dr Prasad Nagakumar / Dr Louise Fleming
Poster discussion
Asthma / Allergy Abstract No: 7, 15, 19, 21
Controversies in management of acute asthma
Dr Cara Bossley
Asthma deaths: learning's from coroner’s inquests
Dr Mark Levy
Parent and Young person’s perspective of Near Fatal Asthma
Ms Ann McMurray

SESSION 4A
ASTHMA
Chairs: Dr Atul Gupta / Dr Cara Bossley
Asthma exacerbations in children: mechanisms & consequences
Prof. Daniel Jackson
Asthma biologics in children: is there an opportunity to induce remission?
Prof. Stan Szefler
Diagnosis of asthma in children
Dr Erol Gaillard

SESSION 4B
RESPIRATORY PHYSIOTHERAPY / PHYSIOLOGY
Chairs: Dr Mark Rosenthal, Mrs Tamara Orska
Asthma exacerbations in children during the COVID-19 pandemic: lessons from lockdown and future directions for management
Mr Kieron Lock
Face to face validated set up of home spirometry during the COVID-19 pandemic
Ms Laura Lowndes
SpiroBooth: Innovation to mitigate COVID-19 risk in the lung function lab
Dr Biju Thomas
Lower airway physiotherapy management in chronic suppurative lung disease
Ms Sarah Pierce
Upper airway management in chronic suppurative lung disease
Ms Gemma Marsh

Twilight Highlights
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| 08.10 | **SESSION 5A**  
STATE-OF-THE-ART  
Chairs: Prof. Anne Greenough / Dr Julian Legg |  |
|  | Air pollution and children's health – Where next?  
Prof. Peter Sly |  |
|  | Progress with Covid19 vaccines  
Prof. Andrew Pollard |  |
| **09.40** | Break | **09.40** |
| **10.00** | **SESSION 6A**  
HOT TOPICS  
Chairs: Dr Jayesh Bhatt / Dr Atul Gupta |  
**SESSION 6B**  
SLEEP / VENTILATION  
Chairs: Dr Hui-Leng Tan / Dr Hazel Evans |
|  | Fire side chat: Deprivation / social determinants / poverty and respiratory health  
Prof. Ian Sinha / Dr Camilla Kingdon | The new reality  
Chairs: Dr Will Carrol / Dr Clare Murray |
|  | Taking the judgement out of feedback will increase its effectiveness  
Prof. Paul Brand | Poster Discussions  
Lung health / Public Health / COVID-19 Pandemic: Abstract Nos: 26, 28, 33, 37, 38 |
|  | Supporting children and young people to live with asthma  
Prof. Hilary Pinnock | Fireside Chat:  
Digitalisation in respiratory / child health  
Dr Chris Kelly / Dr Simon Chapman |
|  | The Narrative Approach: How Storytelling Impacts Care  
Dr Benjamin Schwartz | Obesity & Pandemic  
Dr Kat Harman |
|  | Asthma, classical conditioning and the autonomic nervous system - a hypothesis for the cause of wheeze in childhood  
Prof. Gary Connett | Innovations in digital health  
Prof. Heather Elphick |
|  |  | Grand round: The toddler with a wet cough  
Dr Gary Ruiz |
| **12.30** | Lunch | Lunch |
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| **13.15** | **SESSION 7A**  
INHERITED RESPIRATORY CONDITIONS  
Chairs: Dr Helen Spencer / Dr Louise Selby |  
**SESSION 7B**  
PEARLS  
Chairs: Dr Seb Gray / Dr James Cook |
|  | Radiology Quiz  
(Prof Tom Semple / Dr John Adu) | Fire side chat:  
Digitalisation in respiratory / child health  
Dr Hannah Allen / Dr Claire Edmondson |
|  | Genetic testing for inherited respiratory conditions in the new NHS Genomic Medicine Service  
Dr Debbie Morris-Rosendahl | Grand round: The toddler with a wheeze  
Dr Laura Gardner |
|  | Recent advances in ILD  
Prof. Andy Bush | Fire side chat: My career  
Dr Hazel Evans / Dr Neil Gibson / Dr Simone Andreou |
|  |  | Grand round: Spontaneous Pneumothorax  
Dr Simon Buckley |
| **15.15** | Break | Break |
| **15.45** | **SESSION 8A**  
POTPOURRI  
Chairs: Dr Atul Gupta / Dr Kat Harman |  
**SESSION 8B**  
ASTHMA / DYSFUNCTIONAL BREATHING  
Chairs: Dr Nicki Barker / Ms Sarah Latham |
|  | Airway mucus is not just snot  
Prof. Bruce Rubin | Poster Discussions  
Abstract Nos 24, 27, 35 |
|  | Forty-nine ways to get the wrong answer when you do a paediatric bronchoscopy  
Prof. Bob Wood | The Breathless teenager  
Prof. Paul Pianosi |
|  | TBC  
Mr Ross Fisher | Use of buteyko breathing techniques in children and young people with dysfunctional breathing  
Ms Claire Hepworth |
|  |  | Practical approach to virtual care for complex Asthma patients from a CNS perspective  
Ms Angela Jamalzadeh |
<p>| <strong>17.35</strong> | Vote of Thanks | Vote of Thanks |
| <strong>17.45</strong> | Twilight Highlights |  |</p>
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