


4th King's John Price Paediatric Respiratory Conference, London

Bush House, 30 Aldwych, London, WC2B 4BG

Tues 17th - Thurs 19th April 2018



RCPCH HAS APPROVED THIS
CONFERENCE FOR CPD IN
ACCORDANCE WITH THE CURRENT
RCPCH CPD GUIDELINES

Conference theme

OLD PROBLEMS, NEW CHALLENGES



ERS

EUROPEAN
RESPIRATORY
SOCIETY

ENDORSED BY ERS

Conference Director: Dr Atul Gupta

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paediatricrespiratory@gmail.com

Registration and further information at:
www.paediatricrespiratory.com/registration/

PAEDIATRIC SLEEP SYMPOSIUM

Bush House, 30 Aldwych, London WC2B 4BG

17.04.2018

FACULTY



Dr Francois Abel · Dr Huileng Tan · Dr Don Urquhart · Dr Andrew Morley · Dr Hazel Evans · Dr Mike Farquhar
Dr Umakanth Khatwa · Prof Paul Gringras · Dr Neil Gibson · Dr Mark Rosenthal · Prof Neena Modi
Prof Andy Bush · Prof Bob Wood · Prof Anne Greenough

REGISTRATION, EXHIBITION AND NETWORKING
Introduction & Welcome.

09:00

Sleep Problems in Children: Common, Important
But Frequently Undiagnosed.
What is Normal & What is Abnormal in Sleep?

Dr Francois Abel

09:30

When and Why to Treat the Child Who Snores?

Dr Huileng Tan

10:00

The Central Apnoea Spectrum – When Does Normal
Become Abnormal?

Dr Don Urquhart

10:30

COFFEE, EXHIBITION AND NETWORKING



11:00	Sleep Studies - What Do We Measure And Why Do We Measure it. Basics of Sleep Study Scoring. Setting Up.	Dr Andrew Morley
11:30	Understanding Sleep in the Newborn Period: What's Normal and What Triggers Further Investigation.	Dr Hazel Evans
12:00	Sleep Like a Baby? Sleep Tips from Baby to Adult.	Dr Mike Farquhar
12:30	LUNCH, EXHIBITION AND NETWORKING.	
13:30	Oximetry for the Diagnosis of OSAS in Childhood When Polysomnography is not Available.	Dr Athanasios Kadtis, Athens
14:10	Excessively Sleepy Children	Prof Paul Gringras
14:50	Is Polysomnography the Gold Standard (<i>or gold mine</i>) in 2018? Pro/Con Debate	Yes Dr Neil Gibson No Dr Mark Rosenthal
15:50	Sleep / NIV Award Presentation Role of CO2 Monitoring in the Diagnosis and Management of Paediatric Sleep Disordered Breathing	Federica Trucco
16:00	COFFEE, EXHIBITION AND NETWORKING Opening Session	
16:30	How is the RCPCH Supporting Children's Research?	Prof Neena Modi
16:45	Afternoon Tea with Janus - Looking Both Ways	Prof Andy Bush
17:15	Determinants of Survival in Complex Paediatric Disease: Lessons from a Simpler Age	Prof Bob Wood
17:35	Respiratory Outcomes of Prematurity	Prof Anne Greenough
18:00-19:00	WELCOME DRINKS RECEPTION	8 th Floor, Terrace at Bush House

OLD PROBLEMS, NEW CHALLENGES

Bush House, 30 Aldwych, London WC2B 4BG

Day One: 17.04.2018

FACULTY



Dr Nicola Brathwaite · Dr Helen Brough · Dr Rachael Morris-Jones · Dr Glenis Scadding · Dr Sue Leech
Dr Adam Fox · Suja Chandran · Prof Monica Lakhanpaul · Dr Fran Beresford · Dr Atul Gupta
Dr Rania Abusamra · Prof Neena Modi · Prof Andy Bush · Prof Bob Wood · Prof Anne Greenough

Session 1

Chair

08:45 - 09:30

REGISTRATION, EXHIBITON AND NETWORKING

09:30

Allergy Testing: Is the Result Relevant?

Dr Nicola Brathwaite

10:00

Allergy and the Skin: Where it All Starts and Ends?

Dr Helen Brough

10:30

How to Maximize Efficacy in Eczema Treatment.

Dr Rachael Morris-Jones

10:50

REGISTRATION, EXHIBITON AND NETWORKING

Session 2

11:20

United Airways

Dr Glenis Scadding

11:50

Aero-Allergen Immunotherapy

Dr Sue Leech

12:10

Prebiotics and Probiotics for Allergic and Respiratory Diseases

Dr Sue Leech

12:30

Future Directions in Allergy Management

Dr Adam Fox

13:05 - 14:00

LUNCH, EXHIBITION AND NETWORKING

Lunch time
13:10 - 13:40

Positivity in Practice
Classroom

Suja Chandran

This session explores the practice and benefit of using positive affirmations in the work place and to apply positive thinking in difficult work situations. Through reflection and meditation, it gives an opportunity to practice a technique for steering away from negative thinking towards positive thinking.

Session 3

14:00

An Integrated Approach to Asthma Management - Do We Really Need It?

Prof Monica Lakhanpaul

14:30

Anxiety & Risk Taking Behaviour in Children With Respiratory Illness

Dr Fran Beresford

15:00

Compare and Contrast NICE and SIGN/BTS Asthma Guidance

Dr Atul Gupta

15:30

Early Viral Infections: Long Term Consequences

Dr Rania Abusamra

16:00

REGISTRATION, EXHIBITON AND NETWORKING

Session 4

16:30

How is the RCPCH Supporting Children's Research ?

Prof Neena Modi

16:45

Afternoon Tea with Janus - Looking Both Ways

Prof Andy Bush

17:15

Determinants of Survival in Complex Paediatric Disease: Lessons from a Simpler Age

Prof Bob Wood

17:35

Respiratory Outcomes of Prematurity

Prof Anne Greenough

18:00 - 19:00

WELCOME DRINKS RECEPTION

8th Floor, Terrace at Bush house

PAEDIATRIC DYSFUNCTIONAL BREATHING MASTERCLASS DIAGNOSIS TO DISCHARGE

This course is aimed to provide better understanding of dysfunctional breathing in children from the diagnosis to discharge.

17.04.2018

FACULTY



Dr Paolo Pianosi · Dr Louise Fleming · Dr Nicki Barker

08:45 – 09:00

REGISTRATION, EXHIBITION AND NETWORKING

09:00

Introductions and Introduction to Dysfunctional Breathing

Dr Paolo Pianosi

This session will aim to cover:

- What is dysfunctional breathing & when to suspect it

09:30

Theoretical Construct Dyspnoea

Dr Paolo Pianosi

This session will aim to cover:

- How we perceive dyspnoea – stimuli, neural mechanisms, fMRI
- Language of dyspnoea – how do patients describe it
- How do we measure it

10:15

COFFEE, EXHIBITION AND NETWORKING

10:45

Practical Approach to Investigation

Dr Louise Fleming

This session will aim to cover the role of:

- A structured approach to the child with breathlessness
- Spirometry
- Simple exercise testing
- Complex exercise testing including CPET and Laryngoscopy
- Comorbidities contributing to dysfunctional breathing

11:30

Therapeutic Modalities

Dr Nicki Barker

This session will aim to cover:

- Assessment tools
- Aims of treatment
- Framework for interventions
- Anticipated outcomes

12:15

LUNCH, EXHIBITION AND NETWORKING

13:15

Parallel Sessions

Stream A: Practical Session on Therapeutic Intervention Strategies

Dr Nicki Barker

This session will aim to cover:

- Assessment tools
- Framework for interventions
- Treatment techniques
- Anticipated and actual outcomes

Stream B: Dysfunctional Breathing: PFT lab principles

Dr Paolo Pianosi

This session will aim to cover:

- Understanding technical requirements for satisfactory spirometry
- Awareness of options for bronchoprovocation challenge
- Interpretation of these diagnostic tests

Stream C: How to Investigate Dysfunctional Breathing

Dr Louise Fleming

This session will aim to cover the role of:

- Simple exercise testing
- Complex exercise testing including CPET and EVH
- Continuous laryngoscopy during exercise



14:15

COFFEE, EXHIBITION AND NETWORKING

14:30

Plenary – Participants Present Cases for Group Discussion

This session will aim to promote:

- Application of learning to real case situations
- Interpretation of diagnostic information
- Discussion of different management options
- Multi-disciplinary working for patient benefit

15:15

Trouble Shooting and Questions/Discussion

Dr Nicki Barker
Dr Louise Fleming
Dr Paolo Pianosi

This session will include:

- Barriers to success
- Approaches to challenging patients

Opportunities for questions/discussion and closing remarks

16:00

Evening Symposium



CHRONIC LUNG DISEASE OF PREMATURITY MASTERCLASS / PG COURSE CONTROVERSIES AND CONSENSUS - NEW DIMENSIONS TO EXPLORE

17.04.2018

FACULTY



Dr Theodore Dassios · Dr Jayesh Bhatt · Dr Tom Semple · Ms Ashley Dean · Dr Atul Gupta · Dr Hazel Evans
Dr Joe Brierley · Prof Neena Modi · Prof Andy Bush · Prof Bob Wood · Prof Anne Greenough

08:30

REGISTRATION, EXHIBITON AND NETWORKING

09:00

Welcome & Introductions

09:00

**Prevention and Management of Bronchopulmonary
Dysplasia in the Neonatal Unit**

Dr Theodore Dassios

This session will aim to cover:

- Preventive strategies in cases identified as being at increased risk of BPD
- Invasive and non-invasive ventilation in BPD
- Evolution of early BPD
- Early origins and interventions that are associated with later development of BPD

10:00

**Management of Chronic Lung Disease of Prematurity
Outside Neonatal Unit**

Dr Jayesh Bhatt

This session will aim to cover:

- Developing a pathway (When to refer / involve respiratory team)
- When to investigate for co-morbidities in severe disease or when difficult to wean (aspiration lung disease, GORD , optimising nutritional management)
- When to consider complex investigations like HRCT Chest, flexible bronchoscopy, complex sleep studies
- Role of diuretics / steroids / Azithromycin
- Palivizumab / RSV vaccines

10:55

COFFEE, EXHIBITION AND NETWORKING

11:20

Imaging Neonatal Lung Diseases - A Practical Guide

Dr Tom Semple

This session will aim to cover the role of:

- Imaging appearances of neonatal lung diseases (including BPD and infant onset ChILD entities)
- Practicalities of imaging neonates (GA/sedation vs immobilisation devices and faster scanners)
- IV contrast vs non-contrast (pros and cons)
- Ionising radiation exposures from CT examinations - shift in risk/benefit balance from old to new scanners
- Role of the chest radiograph and thoracic/respiratory applications of ultrasound.
- When to use CT
- Future prospects in neonatal thoracic imaging
- Questions / discussion

12:30

Sanjay Valappil Memorial Award Oral Presentation

Beatrice Zanetti

Inhaled Nitric Oxide Use in Persistent Pulmonary Hypertension of the Newborn: A Retrospective Audit in a Neonatal Intensive Care Unit

12:40

LUNCH, EXHIBITION AND NETWORKING

13:40

Feeding Considerations in Infants with Chronic Lung Disease of Prematurity

Ms Ashley Dean

This session will aim to cover:

- Overview of feeding skill development
- Role of the speech and language therapist (SLT)
- The role of synchronicity in infant feeding
- When to refer to SLT
- What to consider when feeding infants with CLD
- How to manage feeding issues in infants with CLD
- Dysfunctional swallow / silent aspiration
- When to refer for Videofluoroscopy
- Risk benefit of Videofluoroscopy

14:05

Genetic Disorders of Surfactant Protein Dysfunction: When to Consider and How to Investigate

Dr Atul Gupta

This session will aim to cover:

- Overview of the genetic surfactant protein dysfunction syndromes
- Clinical features of the surfactant protein dysfunction syndromes
- When to suspect this diagnosis
- How to investigate it
- Current treatment options

14:30	Weaning of Oxygen in Infants with Chronic Lung Disease of Prematurity	Dr Hazel Evans (HE) Dr Jayesh Bhatt (JMB)
	<p>This session will aim to cover:</p> <ul style="list-style-type: none"> • Performing and interpreting oximetry in infant (HE) • Overview of setting up an oximeter (HE) • Oximetry home service (JMB) • How to analyse oximetry traces (JMB) • Case based discussion on weaning children with Chronic lung disease of Prematurity from supplemental oxygen using oximetry as a weaning tool (JMB) • Case based discussion on managing babies who fail to wean off ventilation/ high flow (HE) • Limitations of oximetry studies (HE) 	
15:30	Social Media, Ethics.....Decisions	Dr Joe Brierley
16:00	COFFEE, EXHIBITION AND NETWORKING	
Session 4		
16:30	How is the RCPCCH Supporting Children's Research ?	Prof Neena Modi
16:45	Afternoon Tea with Janus - Looking Both Ways	Prof Andy Bush
17:15	Determinants of Survival in Complex Paediatric Disease: Lessons from a Simpler Age	Prof Bob Wood
17:35	Respiratory Outcomes of Prematurity	Prof Anne Greenough
18:00 – 19:00	WELCOME DRINKS RECEPTION	8th Floor, Terrace at Bush House



OLD PROBLEMS, NEW CHALLENGES

Bush House, 30 Aldwych, London WC2B 4BG

Day Two: 18.04.2018

FACULTY



Ms Mira Osinibi · Dr Anil Shenoy · Prof Steve Cunningham · Dr Colin Wallis · Prof Fernando D. Martinez
Prof Bob Wood · Dr Hazel Evans · Prof Claire Hogg · Dr Don Urquhart · Dr Umakanth Khatwa
Dr Huileng Tan · Dr Paolo Pianosi · Dr Michelle Chatwin · Prof Paul Brand
Dr Catherine McDougall · Prof Paul Seddon

08:30 - 09:15

REGISTRATION, EXHIBITION AND NETWORKING

Personal Practice Session

08:30 to 09:10

Smoking Cessation in Paediatric Clinics & CO testing

Ms Mira Osinibi

08:30 to 09:10

Taking Children on Aeroplanes: Who to Test and Why?

Dr Cara Bossley

08:30 to 09:10

The Toxicity of E-cigarettes and Children's Respiratory Health

Dr Anil Shenoy

09:10

Welcome Address

Session 5

09:15 - 09:45

Challenging Long Standing Assumptions for Respiratory Infections

Prof Steve Cunningham

09:45 - 10:15

Transition to Adult Care – What Have we Learnt from CF

Dr Colin Wallis

10:15 - 11:00

Keynote Lecture
How Can We Prevent Adult Airway Disease During Childhood?

Prof Fernando D. Martinez

11:00 - 11:30

COFFEE, EXHIBITION AND NETWORKING

Session 6

Parallel Sessions

11:30 - 12:30

Session A: 49 Ways To Get The Wrong Answer When You Do A Paediatric Bronchoscopy

Prof Bob Wood

11:15 - 12:50

Session B: Interpretation of Paediatric Oximetry

Dr Hazel Evans

12:30 - 13:30

LUNCH, EXHIBITION AND NETWORKING

Session 7

Pearls

Acute and Chronic Non Invasive Respiratory Support

13:30

Who Needs PCD Testing?

Introduction to Non-Invasive Ventilation and Respiratory Support in Children

Prof Claire Hogg

Dr Don Urquhart

14:00

POTS, Hyperventilation, and Dysfunctional Breathing: Is It All In Their Heads?

Initiation and Monitoring of Long Term CPAP/NIV

Dr Paolo Pianosi

Dr Huileng Tan

14:30

SNAPPS Out Of It - No Time to Supervise the Junior Doctor

Practical and Technical Aspects of Non Invasive Positive Airways Pressure in Children

Prof Paul Brand

Dr Michelle Chatwin

15:00

COFFEE, EXHIBITION AND NETWORKING



Session 8

LPRG Grand Rounds
'must not miss cases'

Acute and Chronic Non Invasive
Respiratory Support

15:30

Cough and Crepitus: An Unusual Case
of Pneumomediastinum

Dr Claire Edmondson

Acute Non-Invasive Ventilation in
Children

Dr Catherine McDougall

15:50

Case 2

Dr Sormeh Salehian

16:10

It's Not the Heart, Must Be The
Lungs....and Sometimes It Is.

Dr Chris Grime

High-Flow humidified nasal cannula
oxygen therapy in children

- How does it work?
- Indications
- How to use it

Prof Paul Seddon

16:30

Case 4
Dr Anna-Louise Mansfield

16:50

Award Oral Presentation
Podcast

Shravanthi Kummaraganti

17:00

Coffee Break

Terrace at Bush House

17:15

Severe asthma; where are our
patients and what should be done
with them?

Promotional symposium organised and funded by Novartis

Dr Louise Fleming and Dr Will Carroll

18:45

Sponsored Dinner

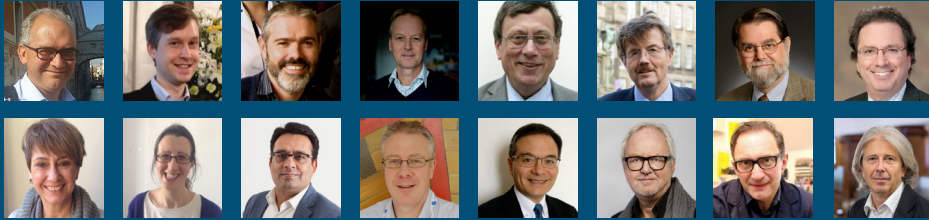


OLD PROBLEMS, NEW CHALLENGES

Bush House, 30 Aldwych, London WC2B 4BG

Day Three: 19.04.2018

FACULTY



Dr Simon Broughton · Dr Tom Semple · Dr Noel Baxter · Prof Paul Brand · Prof Andy Bush
Dr James Y. Paton · Prof Robert E. Wood · Prof Fernando D. Martinez · Dr Jane Davies · Dr Cara Bossley
Dr Atul Gupta · Dr Kevin Southern · Dr Gary Ruiz · Prof Hans Bisgaard
Prof Rob Horne · Prof Adnan Custovic

08:45 - 09:30

REGISTRATION, EXHIBITON AND NETWORKING

Personal Practice Sessions

08:30 to 09:20

My Career, If I Knew Then What I Know Now.
Leading Education and Clinical Services

Dr Simon Broughton

08:30 to 09:30

Imaging of Paediatric Lung Diseases - A practical
Guide.....Being Picky

Dr Tom Semple

08:30 to 09:20

Tobacco Dependency: A Long Term Relapsing
Condition That Begins in Childhood

Dr Noel Baxter

Session 9

09:30 - 10:00

Are Inhaled Corticosteroids Harmful in Children?

Prof Paul Brand

10:00 - 10:30

After the *Lancet* Asthma Commission: Asthma,
Asthmas or Airway Disease?

Prof Andy Bush

10:30 - 11:00

Is Asthma Over or Under Diagnosed in Children?

Dr James Y. Paton

11:00

COFFEE, EXHIBITION AND NETWORKING

Session 10

11:30 - 12:15

Keynote Lecture:
The Conundrum of Paediatric
Tracheomalacia

Prof Robert E. Wood

12:15 - 12:45

Lung Function Trajectories from
Childhood to Adulthood: Is COPD a
Paediatric Disease (too)?

Prof Fernando D. Martinez

12:45 - 13:45

LUNCH, EXHIBITION AND NETWORKING

Session 11

Parallel Sessions

Stream A: Asthma

Stream B: Cystic Fibrosis

13:35 - 13:45

Asthma Award Presentation
Air Pollution: Effects of Biomass
Burning Generated Particulate Matter
on Bronchial Epithelial Cells

Caro Minasian Memorial Award Oral
Presentation

Early Development of the Airway
Microbiota in Infants with CF

Dr Biju Thomas

Dr Bushra Ahmed

13:45 - 14:15

Corticosteroid Responsiveness in
Childhood Asthma; A Multi-Domain
Approach to Test Response to
treatment

Recent Advances in the Management
of Cystic Fibrosis

Dr Cara Bossley

Prof Jane Davies

14:15 - 14:45

Asthma: Therapeutic Advances

Early Airway Disease How
Aggressive Should We Be?
Are we taking advantage of
newborn screening

Dr Atul Gupta

Dr Kevin Southern

14:45 - 15:15

Ella Roberta Family Foundation Research Award for Asthma (joint award)

An Update on Nontuberculous Mycobacteria in Cystic Fibrosis

Using Mobile Direct Observation Therapy to Improve Asthma Inhaler Technique

Dr Gary Ruiz

Charles Southey

The Role of Pet Allergen Sensitisation and Exposure in Asthmatic Children

Shahamah Alshaher

15:05 - 15:35

COFFEE, EXHIBITION AND NETWORKING

Session 12

Auditorium

15:35 - 16:15

Antibiotic Treatment of Exacerbation of Early Childhood Asthma

Prof Hans Bisgaard

16:15 - 16:45

How Can We Improve Patient Adherence?

Prof Rob Horne

16:45 - 17:15

Allergen Exposure and Avoidance in Asthma Treatment and Prevention

Prof Adnan Custovic

17:15 - 17:30

Vote of Thanks



Registration and further information at: www.paediatricrespiratory.com/registration/

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