

# Paediatric non-invasive ventilation

## All you've wanted to ask

### Programme

Date | Wednesday 26th July 2017

Location | The Royal Brompton Hospital, Sydney Street, London SW3 6NP

Audience | Trainees, consultants and AHPs with an interest in Paediatric Respiratory Medicine and non-invasive ventilation

RCPCH has approved this activity for CPD in accordance with the current RCPCH CPD guidelines

**Course cost: £100**

**Booking form:** <http://www.rbht.nhs.uk/healthprofessionals/education/paediatric-non-invasive-ventilation-all-youve-wanted-to-ask/>

08:45	<i>Registration</i>	
09.00	Welcome and Introduction	Dr Hui-Leng Tan Royal Brompton Hospital
09:05	The physiology and assessment of sleep disordered breathing: ventilator modes and settings	Dr Michelle Chatwin Royal Brompton Hospital
<b>Non-invasive ventilation in different medical conditions</b>		
09:40	Children with neuromuscular disease	Professor Anita Simonds Royal Brompton Hospital
10:00	Children with central hypoventilation	Dr Elaine Chan Great Ormond Street Hospital for Children
10:20	Children with obstructive sleep apnoea and obesity hypoventilation	Dr Hui-Leng Tan Royal Brompton Hospital
10:50	<i>Break</i>	
11:10	Strategies to encourage adherence	Dr Fran Beresford & Ms Maxine Owens Royal Brompton Hospital
11:50	Transition to adult services	Professor Anita Simonds Royal Brompton Hospital
<b>Pro-con debate:</b>		
12:20	NIV should be started in children with severe cerebral palsy	Dr Mark Rosenthal Royal Brompton Hospital
12:40	NIV should not be started in children with severe cerebral palsy	Dr Francois Abel Great Ormond Street Hospital for Children
13:00	<i>Lunch</i>	
<b>Afternoon workshops (groups rotate through all stations)</b>		
14:00	To include: <ul style="list-style-type: none"> <li>• Clinical scenarios and troubleshooting</li> <li>• Selection of masks, headgear and ventilation devices</li> <li>• Cough assist and airway clearance techniques</li> </ul>	
	<i>Break</i>	
<b>Keynote lecture</b>		
16:30	Ethical issues in non-invasive ventilation	Professor Andy Bush Royal Brompton Hospital
17:00	<i>Close</i>	

## Learning Aim

This study day will provide delegates with an overview of paediatric non-invasive ventilation.

## Learning objectives

By the end of this course, delegates will:

- Develop a clinical approach for the investigation and management of non-invasive ventilation in a range of medical conditions such as obesity, neuromuscular disease and central hypoventilation
- Understand how to select appropriate interfaces, modes and ventilators and optimise adherence
- Be able to troubleshoot common problems with non-invasive ventilation
- Be more familiar with using devices, such as high flow oxygen therapy, cough assist and Hayek jacket
- Understand some of the ethical issues involved in this field and be able to apply this to their practice