

5th King's John Price Paediatric Respiratory Conference, London

Bush House, 30 Aldwych, London WC2B 4BG

PRE-CONFERENCE WORKSHOP / MASTERCLASS (02.04.2019)

Acute NIV Workshop

The Course

The course aims to provide the attendees both with wide knowledge on the subject of non-invasive ventilation and the appropriate skills to implement the technique in their own units.

Non-invasive ventilation (NIV) has been widely used for some time in paediatrics for chronic conditions, including in the home setting. In recent years, non-invasive ventilation has been used increasingly in the acute setting, both as a safe alternative in selected cases to invasive ventilation in the paediatric intensive care setting, but also more and more in the delivery of high dependency care in general paediatric settings. The 2014 document by RCPCH and PICS, "High Dependency Care For Children - Time To Move On", sets out the recommendation that district general hospitals should be able to provide acute non-invasive ventilation for up to 48 hours.

Over 10 years, the Spanish Paediatric Intensive Care Society (SECIP) respiratory working group, developed workshops and courses to educate and promote safe NIV for acute patient care.

In the workshops, the attendees will rotate through two skill stations to become familiar with the importance of appropriate indications, interface and ventilator choice, mode selection and settings, patient monitoring etc. Additionally, analysis of NIV failure will be explained with interactive clinical cases during skill stations.

Invited Faculty:

Dr. Martí Pons-Odena, PICU Consultant, University Hospital Sant Joan de Déu, Barcelona, Spain.

Dr Lynda Verhulst, PICU Consultant, King's College Hospital NHS Foundation Trust, London.

The workshop will cover:

- Physiology
- Skill stations
- Modes of ventilation
- How to start non invasive ventilation
- Ventilation curves
- Synchrony
- Humidification
- Monitoring and predictive factors of failure

Who should attend:

- Paediatricians & Neonatologists
- Paediatric Pulmonologists
- Paediatric Intensivists
- Nurses
- Physiotherapists

Note: access to the online course which accompanies the 2-day ESPNIC Course “NIV for Neonates Children in Acute Settings” is optional and available at an additional cost of £110.00. To benefit the most from the course’s hands on learning, course attendees will benefit to read the online material prior to attendance and to pass a pre-course online exam.

Maximum delegate size:

12 - [please note, this session must be pre-booked. Places will be allocated on a first come, first served basis.

Duration:

1 day: 9am to 16.50pm

Programme:

8:30 - 9:00	Registration
9:00 - 9:30	Lecture: Theoretical Background Understanding the basic concepts of NIV.
9:30 - 10:15	Introducing the Material Introducing ventilators, circuits and interfaces.
10:15 – 10:45	Coffee Break
10:30 – 13:00	Skill Stations: NIV in Children Common Paediatric NIV scenarios in hospital (max 6 attendees per skill station)
13:00 – 14:00	Lunch Break
14:00 – 15:00	Skill Stations: NIV in Children Common Paediatric NIV scenarios in hospital (max 6 attendees per skill station)
15:00 – 15:30	Lecture: Importance and Basics of Asynchrony
15:30 – 16:45	Skill Stations: NIV in Infants Common Paediatric NIV scenarios in hospital in infants
16:50	End of the Workshop
17:00	Main Conference Opening Ceremony Main conference welcome presentations, poster walk and drinks reception

