

5th King's J P Paediatric Respiratory Conference, London

Pre-Conference Masterclass: 02.04.2019

Interpreting Oximetry in Children : Controversies and Consensus – new dimensions to explore

8.30	Registration
9.15 am	Welcome & Introductions
9.30 am	<p>Dr Neil Gibson, Consultant Respiratory Paediatrician, Royal Hospital for Children, Glasgow</p> <p>Oximetry – the advantages and pitfalls of using oximetry as part of a clinical service</p> <p>This session will aim to cover:</p> <ul style="list-style-type: none">• Understanding normal oximetry parameters in healthy children• The indications for oximetry.• The strengths and limitations of oximetry
10.00 am	<p>Dr Eleanor Sprosen, Consultant ENT surgeon, Queen Alexandra Hospital, Portsmouth</p> <p>Establishing an investigative pathway for managing children with OSA referred to the ENT service in the DGH / secondary care</p> <p>This session will aim to cover:</p> <ul style="list-style-type: none">• The role of history taking, sleep questionnaires, video recording and pulse oximetry in children referred to the ENT service being considered for adenotonsillectomy• Using a pathway to determine high risk populations and factors that affect placement of children undergoing adenotonsillectomy
10.30	<p>Dr Hazel Evans, Consultant Respiratory Paediatrician, Southampton Children's Hospital</p> <p>Using oximetry to measure intermittent hypoxia in preterm and term infants</p> <p>This session will aim to cover:</p> <ul style="list-style-type: none">• Normal oximetry parameters in neonates and infants• Evidence relating to the impact of oxygen desaturations in preterm infants
11.00	Coffee break and networking

11.30 am	<p>Dr Jayesh Bhatt, Nottingham University Hospitals NHS Trust</p> <p>Weaning infants with BPD from oxygen using oximetry as a weaning tool</p> <p>This session will aim to provide an understanding of:</p> <ul style="list-style-type: none"> • the role of oxygen saturation monitoring in a clinical service particularly in relation to infants with bronchopulmonary dysplasia • How saturation monitoring can we used to wean infants out of oxygen
12:00	<p>Dr Colin Wallis, Consultant Paediatrician, Great Ormond Street Hospital, London</p> <p>The NICU infant with BPD who fails to wean off ventilatory support</p> <p>This session aims to cover:</p> <ul style="list-style-type: none"> • Reasons why infants fail to wean off oxygen and CPAP • Are there non-respiratory factors that prevent/slow the weaning process • How can those infants that are tricky to wean be best managed
12:30	Lunch and networking
13.30	<p>Community and nursing perspective : Mary Palframan Parental perspective : Mr and Mrs Pritchard</p> <p>Impact of having oxygen in the home</p> <p>This session aims to cover:</p> <ul style="list-style-type: none"> • the impact of oxygen in the home on families • the role of the neonatal nurses practitioners in setting up oxygen in the home and supporting families
14.00	<p>Dr Johanna Gavlak, Senior Sleep Physiologist, Southampton Children’s Hospital</p> <p>Setting up a Home Oximetry Service</p> <p>This session will aim to cover:</p> <ul style="list-style-type: none"> • the practicalities of setting up a home oximetry service • how a home oximetry service can be integrated into a clinical service
14:30	<p>Dr Johanna Gavlak, Southampton Chidren’s Hospital, Dr Ruth Kingshott Sheffield Children’s Hospital, Dr Kylie Russo Great Ormond Street Hospital</p> <p>How to Interpret Oximetry Traces with Worked Examples</p> <p>This session will aim to demonstrate</p> <ul style="list-style-type: none"> • a methodical way to interpret oximetry traces • how to use clinical information to help interpret studies • how to set up oximeters to achieve high quality accurate data

15.00	Tea break and Networking
15.30	Dr Hazel Evans, Dr Jayesh Bhatt, Dr Johanna Gavlak Interactive Quiz
16.00	Dr Jayesh Bhatt, Dr Hazel Evans, Dr Johanna Gavlak Trouble Shooting and Question/Discussion
16:30	Dr Johanna Gavlak, Senior Sleep Physiologist, Southampton Children's Hospital Hand on session with oximeters and live analysis This sessions aims to provide small hands on sessions on: <ul style="list-style-type: none"> • how to set up oximeters • getting the most out of the software
16.55	Close