

Advanced Multi-disciplinary Ventilation Study Day
Programme

2nd October 2013

Walsall Manor Learning and Conference Centre, Route 301,

Walsall Manor Hospital, Moat Road, Walsall, WS2 9PS

Aim

The aim of the ventilation study day is to enhance the knowledge base around innovative ventilation techniques and management pertinent to the multidisciplinary team.

Objectives for the day

- To enhance and increase knowledge of lung physiology and development
- To develop an awareness of the need for echocardiography of the ventilated baby
- To gain an understanding of different and innovative ventilation and resuscitation techniques utilised within the NICU setting
- To learn strategies of management of babies with respiratory failure and long term consequences of ventilation

Teaching Methods

Plenary

Workshops

Audience

All Neonatal staff required to care for Ventilated babies who have previously attended the Basics in Ventilation Study Day held by SSBCNN.

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| 8.30 – 8.55 | Coffee and Registration | |
| 8.55 – 9.00 | Introduction | Lynsey Clarke, Practice Educator (SSBC Newborn Network) |
| 9.00 – 10.00 | Advanced Physiology & Lung Development | Dr. Rob Negrine, Consultant Neonatologist (Birmingham Women's Hospital) |
| 10.00 – 10.30 | Patent Ductus Arteriosus / Manipulating Cardiac Function to Improve Ventilation | Dr. David Roden, Neonatologist with an Interest in Cardiology (University Hospital of North Staffordshire) |
| 10.30 – 11.00 | HFOV | Dr. Rob Negrine, Consultant Neonatologist (Birmingham Women's Hospital) |
| 11.00 – 11.15 | Coffee | |
| 11.15 – 11.45 | Volume-targeted Ventilation | Dr. Sanjeev Deshpande, Consultant Neonatologist (Royal Shrewsbury Hospital) |

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| 11.45 – 12.25 | Oxygen Therapy in Resuscitation and O ₂ Targeting | Dr. Sanjeev Deshpande, Consultant Neonatologist (Royal Shrewsbury Hospital) |
| 12.25 – 13.15 | Lunch | |
| 13.15 – 13.55 | Nitric Oxide | Dr. R. Mumpanemunde, Consultant Neonatologist (Heartlands Hospital) |
| 13.55 – 14.25 | Persistent Pulmonary Hypertension | Dr. Kalyana Gurusamy, Consultant Neonatologist (New Cross Hospital, Wolverhampton) |
| 14:25 – 14:45 | Nasal High Flow Oxygen Therapy | Andrew Pottage (Solus Medical) |
| 14.45 – 15.15 | Tea | |
| 15.15 – 17.00 | Workshops | |
| | 1. Volume Ventilation and Pulmonary Graphs | Robert Stone (SLE) & Dr. Kalyana Gurusamy, Consultant Neonatologist (New Cross Hospital, Wolverhampton) |
| | 2. Closed Suction | Clair Gravener (Kimberly Clark) |
| | 3. High Flow O ₂ | Andrew Pottage (Solus Medical) |
| 17.00 | Evaluation and Close | |