

# Neonatal Ventilation Workshop & Respiratory Study Day

13<sup>th</sup> March 2017

Parentcraft Room, Princess Anne Hospital Southampton  
SO16 5YA

**This is a practically based course, aimed at individuals who are actively involved in providing ventilator care to neonates, including Neonatal trainees, Nurses, ANNP's and Neonatal Consultants. Pediatric consultants with a special interest are also welcome.**

## Programme

### **Lectures to include**

- Conventional ventilation , trigger and volume modes
- Non invasive ventilation
- Ventilation during transport
- Chronic lung disease: What's new?
- Postnatal Steroids
- HFOV & HFOV with VG

### **Workshops**

- Simulated Cases
- Ventilator strategies –Case based Discussion
- Volume ventilation
- CPAP, BIPAP
- High flow
- Managing a difficult airway

## Faculty

|                   |                                       |
|-------------------|---------------------------------------|
| Dr M Johnson      | Consultant Neonatologist, Southampton |
| Dr Neelam Gupta   | Consultant Neonatologist, Southampton |
| Ian Chapman       | Senior Technician, NNU, Southampton   |
| Dr Sarah Davidson | Consultant Neonatologist, Southampton |
| Dr Mike Hall      | Consultant Neonatologist, Southampton |
| Dr Robert Ironton | Consultant Neonatologist, Southampton |
| Glandon Jones     | Technician, Southampton               |
| Dr N Gupta        | Consultant Neonatologist, Southampton |
| Dr R Kachroo      | Consultant Neonatologist, Portsmouth  |
| Amy Rushbrook     | Neonatal Grid Trainee                 |
| Dr A Sharma       | Consultant Neonatologist, Southampton |

## Delegate Rate:

**Registration Fee: Nurses £30 Doctors £50 (including refreshments and lunch) Places limited to 24**

**To register and for further information please contact:**

**Alok Sharma [aloksharma@nhs.net](mailto:aloksharma@nhs.net) or go to the WONEP website on [www.wonepedu.com](http://www.wonepedu.com)**

**Course Director: Dr Robert Ironton**

**Programme**

- 08:30 Registration & Coffee
- 08.50 Introduction and Aims
- 09.00 **Evidence based management of RDS-Recent advances & Approach;  
European Guidelines 2016; Non Invasive Surfactant Therapy**  
Dr Amy Rushbrook
- 09.30 **Volume Ventilation-‘The Practicalities’ ‘When It does not Work’  
Suitability, Using SIMV or SIPPV with VG**  
Dr Rahul Kachroo
- 10.00 **Oxygen Therapy in NICUs: ‘How much at Birth’  
‘What limits to target’ ‘At what gestation’**  
Dr Mark Johnson
- 10.30 Tea & Coffee
11. 00 Morning Workshops (3 x 30 min workshops)  
**Workshop 1 – Ventilating the ELBW –Modes. Trigger**  
Dr Mike Hall  
**Workshop 2 - Effective Provision of Delivery Room CPAP**  
Dr Amy Rushbrook  
**Workshop 3 –**
- 12.30 **Lunch**
- 1300 **Steroids for Bronchopulmonary Dysplasia  
Should we be using them? When? How Long? How Much**  
Dr R Ironton
- 13.30 **Optimizing Ventilation Prior to Transport**  
Dr Sarah Davidson

- 14.00     **High Flow Ventilation Therapy and Vapotherm**  
          Dr Neelam Gupta
- 14.30     **Congenital Diaphragmatic Hernia PPHN vs Lung Recruitment;  
          Inotropes & ECMO**  
          Dr Alok Sharma
- 15.10     Coffee**
- 15.30     Afternoon Workshops (3 x 40 min workshops)
- Workshop 1 – Simulation 1  
          Dr Robert Ironton & Dr Alok Sharma
- Workshop 2 – Vapotherm and High Flow  
          Neelam Gupta & Glandon Jones
- Workshop 3 – Simulation 2  
          Dr Sarah Davidson & Dr Amy Rushbrook
- 17.30     Summary and Close**