

Basic Ventilation Workshop

**The Salford Innovation Forum
Unit 117, 51 Frederick Road, Salford, Lancashire, M6 6FP**

Wednesday 14th April 2010

This is a practically based course, aimed at individuals who are actively involved in providing ventilatory care to neonates, including Consultants, SpR's and ANNP's.

Faculty:

**Professor Simon Mitchell
Consultant Neonatologist
St. Mary's Hospital, Manchester**

**Lynn Bowe
Neonatal Nurse Manager
Royal Oldham Hospital, Lancashire**

**Dr Natasha Maddock
Consultant Neonatologist
Salford Royal Hospital, Lancashire**

**Dr Michelle Parr
Consultant Neonatologist
St. Mary's Hospital, Manchester**

**Dr Srabani Samanta
Consultant Neonatologist
St Mary's Hospital, Manchester**

**Dr Suresh Victor
Clinical Lecturer and Honorary Consultant Neonatologist
St Mary's Hospital, Manchester**

Basic Ventilation Workshop

The Programme

08.30 - Registration – Tea/ Coffee

09.15 - Welcome – Prof Simon Mitchell

Morning Lectures

09.30 - Basic lung physiology:
Dr Natasha Maddock & Dr Michelle Parr

Pulmonary development
Lung mechanics
Surfactant

10.30 -Tea and Coffee

11.00 - Principles of ventilation:
Dr Srabani Samanta & Prof Simon Mitchell

Ventilation & lung mechanics
Time cycled pressure limited ventilation (IMV, SIMV, Assist control)
Flow cycled ventilation (pressure support ventilation)

12.00 - CPAP & non-invasive respiratory support:
Dr Suresh Victor & Lynn Bowe

Nasal CPAP, Biphasic support
High Flow nasal cannula (Vapotherm)

13.00 - Lunch

14.00 Afternoon Workshops – 2 x 30 mins.

1. Basic Pulmonary graphics monitoring
Prof Simon Mitchell
2. Clinical scenarios in neonatal ventilation
Dr Suresh Victor

15.00 Workshop 3 – Clinical applications:
(Please choose one of the 30 mins. workshops below to attend)

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|---------------------------------|--------------------|
| 1. SLE - 5000 | Dr Michelle Parr |
| 2. GE Healthcare - Engstrom | Dr Srabani Samanta |
| 3. Carefusion - VIP Bird / Avea | Dr Natasha Maddock |

15.30 - Coffee

16.00 - Summary and Close – Prof Simon Mitchell

*This educational meeting is organised and sponsored by Chiesi Ltd.
Date of preparation: February 2010 CHCUR20100049*