

# Enhanced Maternal Care

Care of the Acutely Unwell Woman on the Maternity Unit



## Aim of the Course

To enhance delegate knowledge and confidence in the physiology, early recognition and management of the acutely unwell mother on the maternity unit.

## Objectives

- To be able identify and appropriately escalate the deteriorating patient.
- To be aware of the standards required from staff managing the unwell mother with acute disease in pregnancy.
- To be aware of the effect of 'human factors' on the safe and effective obstetric care of a deteriorating patient.
- To be able to interpret information/results (ABG, ECG) relevant to the unwell patient.
- To be aware of the safe and appropriate use of invasive monitoring in the context of a high-dependency patient.

## Course Content

The course will include lectures, workstations, and group discussions in the following key areas:

- Cardiovascular and respiratory physiology in pregnancy; effective monitoring and management of cardio-respiratory compromise.
- Renal physiology in pregnancy and the importance of urine output.
- Identification and management of maternal sepsis.
- Neurological assessment and management of the obstetric patient.
- Developing an appreciation of the role of 'human factors' in delivering safe and effective care.
- Workstations, including; ECG and ABG interpretation, an overview of the use of invasive monitoring, and case-based discussions.

## Relevant For

Midwives and obstetricians involved with the critical care of the obstetric patient.

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Time	Session	Content
08:30-09:00	Registration, tea and coffee	
<b>Session 1</b>		
09:00-09:05	Welcome and introduction	
09:05-09:20	Maternity critical care background	
09:20-09:50	The role of 'Human Factors' in Enhanced Maternal Care.	
09:50-10:35	Cardiovascular and respiratory physiology	Why do we measure respiratory rate & oxygen saturation? Why do we measure pulse, blood pressure & central venous pressure?
10:35-10:50	Tea and coffee	
<b>Session 2</b>		
10:50-11:20	Neurological assessment of the obstetric patient	
11:20-11:50	Renal physiology	Why do we measure urine output?
11:50-12:20	Obstetric sepsis	
12:20-13:05	Lunch	
<b>Session 3: Group Splits into 3 and Rotate Through Stations</b>		
13:05-13:40		Group A: Transducers/invasive monitoring Group B: Blood gas analysis Group C: ECG Interpretation
13:40-14:15		Group A: ECG Interpretation Group B: Transducers/invasive monitoring Group C: Blood gas analysis
14:15-14:30		<b>Break</b>
14:30-15:05		Group A: Blood gas analysis Group B: ECG Interpretation Group C: Transducers/invasive monitoring
15:05-15:45		Problem based learning - Case Discussions
<b>Session 4: Close of Day</b>		
15:45-16:00	Discussion, Feedback and Final Questions	
16:00	Close	