

# INTRODUCTION OF CRITICAL CARE PROMPT IN THE SHSCT

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## INTRODUCTION

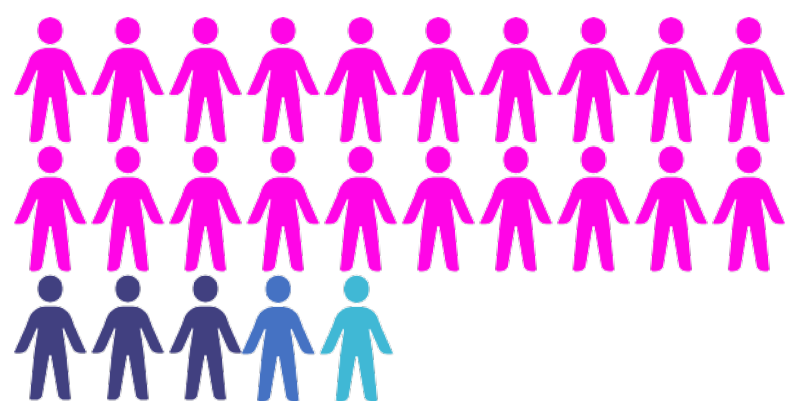
Critical Care Practical Obstetric Multi-Professional Training

This course was introduced in the SHSCT in November 2022. It was introduced on the background of advice from MBRACE-UK (1), the RCOA (2) and departmental feedback regarding education needs.

## HOW?

Beginning in 2022, half day sessions have been delivered every 6 months rotating between CAH and DHH sites. The initial course was comprised of 4 presentations and a practical workshop on arterial line management. Post course feedback is collected to tailor future courses to departmental needs.

## WHO?



- 20 Midwives
- 3 Specialist Midwives
- 1 Critical Care Outreach Nurse
- 1 Obstetric SHO

## INITIAL FEEDBACK AND CHANGES

In the post course feedback participants reported improved confidence in recognising critically ill patients. They highlighted equipment needs in the department to allow them to provide this care. Repeated feedback emphasised that refresher sessions would be welcome. However, they felt that the 4 presentations could be combined into 1.

### Updated course:

One presentation encompassing cardiovascular, respiratory, neurological and infective complications and conditions in pregnant patients.

A practical workshop on managing arterial lines.

A presentation and group discussion on recognising and assessing a critically unwell patient. Further feedback was collected including self-reported confidence scores for key arterial line skills.

“more aware of cardiovascular, respiratory and neurological considerations”

“definitely improved my confidence in providing care to a critically ill patient”

“more aware of risk factors and symptoms which may indicate sepsis”

## ARTERIAL LINE SKILLS CONFIDENCE

### Blood sampling



Pre course



Post course

### Zeroing



Pre course

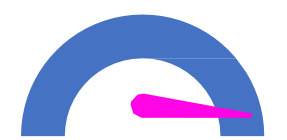


Post course

### Type of flush



Pre course



Post course

## WHAT'S NEXT?

Our next course aims to increase participation of the obstetric medical team. We also aim to move towards simulation-based teaching using a sim-mom.

### References

1. MBRACE-UK, Saving Lives, Improving Mothers Care; Lessons learned to inform maternity care from the UK and Ireland Confidential Enquiries in Maternal Deaths and Morbidity, 2023, Available at: [https://www.npeu.ox.ac.uk/assets/downloads/mbrrace-uk/reports/maternal-report-2023/MBRRACE-UK\\_Maternal\\_Compiled\\_Report\\_2023.pdf](https://www.npeu.ox.ac.uk/assets/downloads/mbrrace-uk/reports/maternal-report-2023/MBRRACE-UK_Maternal_Compiled_Report_2023.pdf)
2. RCOA, Care of the critically ill woman in childbirth; enhanced maternal care, 2018, Available at: <https://www.rcoa.ac.uk/sites/default/files/documents/2020-06/EMC-Guidelines2018.pdf>