



Enhanced Maternal Care: Introducing a new course designed around maternal critical care for midwifery staff

#teamNORTH

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INTRODUCTION

- Critical illness in the pregnant and postnatal population is becoming increasingly common, due to factors including advanced maternal age, obesity, and other associated comorbidities.
- Recommendations for standard of care of critically ill parturients are outlined in the 2018 Report 'Care of the critically ill woman in childbirth; enhanced maternal care.' [1]
- Our maternity unit provides Level 2 care for many of these patients on delivery suite.
- The PROMPT course provided by NHSCT does not include the CiPP course [2]
- The midwifery staff highlighted the need for additional training in providing enhanced maternal care.

OBJECTIVES

- Meet the local needs of training, particularly for newly qualified midwives.
- Extend the training provided by the PROMPT course.
- Improve confidence in identification of the sick parturient and delivering higher level of care.

COURSE DESIGN

- Half day pilot course
- **Multidisciplinary team including:**
 - Practice Development Midwife
 - Midwifery Sister
 - Senior Gynaecology Nurse
 - Simulation Fellow
 - Consultant Obstetrician
 - Anaesthesia Specialty Doctor
 - Anaesthesia and ICM Trainee
 - Consultant Anaesthetist



• Course layout

- *Introductory lecture*
- 4 workshops
 - Nasogastric Tube insertion
 - ABCDE assessment
 - Identification and escalation of the sick pregnant or postpartum lady
 - Arterial Line management and ABG interpretation
- *Simulated scenarios*
 - Sepsis
 - Acute pulmonary oedema and HELLP syndrome

FEEDBACK

- 15 midwives attended. They completed a pre- and post-course evaluation to assess their own knowledge, skills and confidence,
- There was 100% improvement in self-assessed knowledge and confidence.
- 100% rated the course as "Excellent".

"Very well organised and useful in practice"

"A really safe learning environment"

"All midwives should complete this course"

DISCUSSION

Given the extremely positive feedback from candidates and faculty, we plan to progress by running this course bi-annually in the NHSCT.

We plan to develop this as a full day course with further workshops and simulated scenarios.

We are considering making it a multidisciplinary course, available to all team members,



REFERENCES

1. Royal College of Anaesthetists. Care of the critically ill woman in childbirth; Enhanced Maternal Care. 2018
2. The PROMPT CiPP Editorial Team 2019. Critical Care PROMPT Course Handbook. Cambridge University Press