

IMPLEMENTATION OF MATERNAL CRITICAL CARE COMPETENCIES

Our experience at Nottingham University Hospitals
NHS Trust

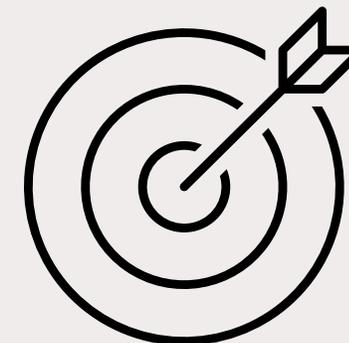
CLARE LLEWELLYN, QUALITY IMPROVEMENT
LEAD, CRITICAL CARE

EVIE CLEGG, CLINICAL NURSE EDUCATOR,
CRITICAL CARE



AIMS

- To improve maternal critical care (MCC) knowledge and skills among critical care (CC) nurses
- To improve women's and their families experience of MCC
- To provide a development opportunity for senior critical care staff
- To support improvement in compliance with GPICS standards for MCC at NUH



FACTORS IMPACTING MCC PATIENT SAFETY

More intrapartum
women requiring CC
input



Critical care unit &
maternity service
location



Changing midwifery
workforce



Balancing critical care
vs maternity care



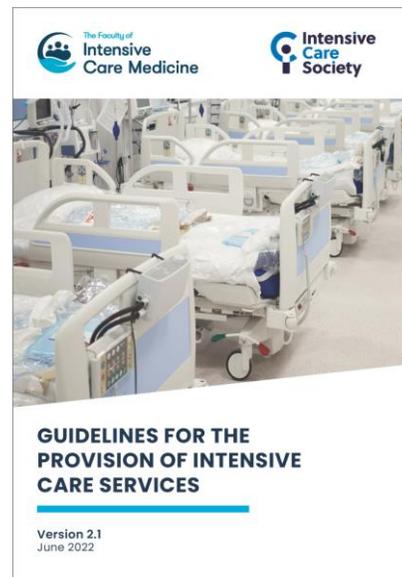
Maternal critical care
regional networks



KEY NATIONAL DOCUMENTS

"It is important to acknowledge that no single specialist or care location has all the skill and knowledge to care for the critically ill obstetric patient" MBRRACE-UK, 2022

"Healthcare professionals looking after critically ill women should undergo regular, cross-specialty, multidisciplinary team training, to encourage sharing of knowledge and skills and to promote teamwork and effective communication"
GPICS V2.1, 2022



PATIENT EXPERIENCE

Delayed bonding

Gaps in memory of
baby's first hours and
days

Difficulty establishing
breastfeeding



Separation from baby

Missing baby's "firsts"

Unexpected critical care
stay

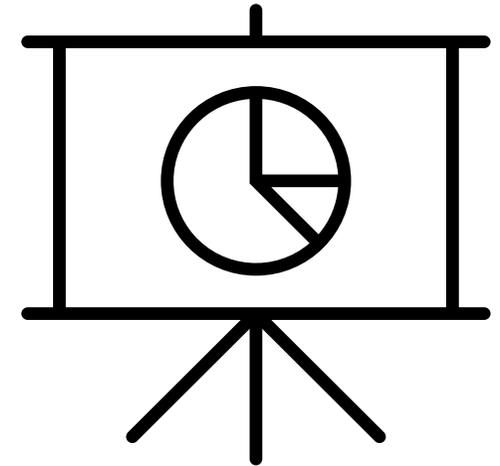
*Potential for long term
psychological harm for women
and their
families* Cranfield et al. 2023

WIDER PROJECT

- Provision of level 2 care on labour suite - 'Dual care' model
- Establishing link team across CC, CCOT & Maternity
- MCC guideline development
- Audit
- Collaboration on inter-professional education
- Patient follow-up
- Patient feedback
- MDT data & case review meetings

RESULTS

- Audit results showed 85.3% compliance with GPICs standards (26 patients Jan – June 2022)
- Pre-programme survey (8 nurses self-rated knowledge & confidence in care of MCC patients):
 - knowledge mean 2.62
 - confidence mean 3.25out of maximum of 6
- Demonstrated the need for MCC education for CC nurses



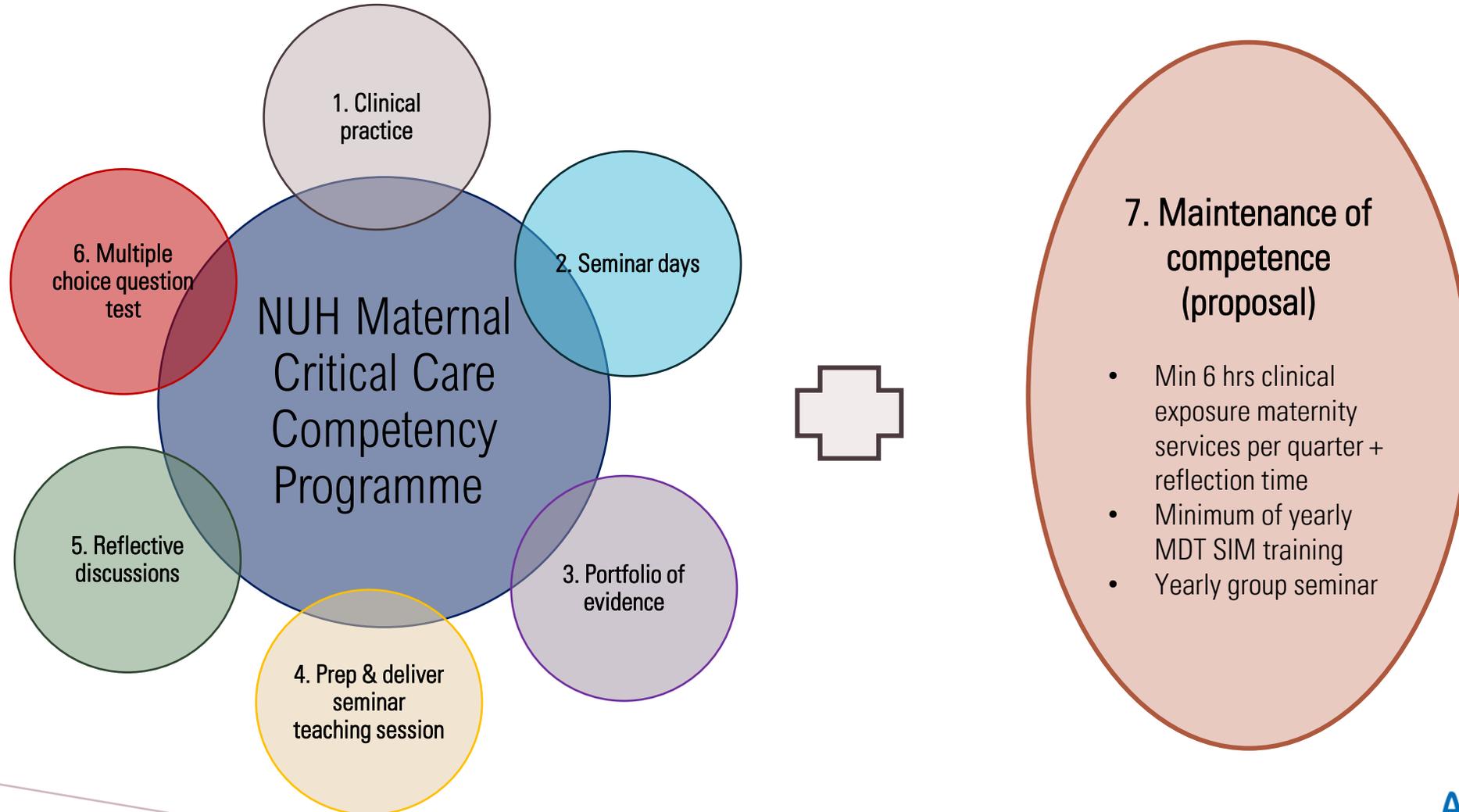
Maternal Specialist Competencies



IMPLICATIONS FOR PRACTICE

- Education needed for CC nurses which can drive improvement in our care of MCC patients
- National Maternal specialist competency document
- How can we implement?
 - *Who has authority to sign off?*
 - *How to gain sufficient clinical exposure to maternity patients/obstetric conditions?*
 - *How to maintain competence?*

THE PROGRAMME OVERVIEW



ANTICIPATED IMPACTS



- Refinement of local MCC guideline through enhanced inter-specialty working
- Improved confidence and knowledge scores among CC nurses
- Improved GPICS compliance in audit
- Improved maternal patient & family experience

Improved patient safety

THANK YOU... ANY QUESTIONS?

Please get in touch!

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With thanks to



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