



# A gap analysis to define the optimal frequency of emergency training at NMH

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## BACKGROUND

The Irish National Maternity Strategy (NMS) mandates emergency training for obstetric/midwifery staff on a 2 yearly basis.

Practical Obstetric Multiprofessional Training (PROMPT) is evidence based simulation for obstetric emergencies. It is associated with improvements in outcomes, knowledge, skill and human factors. PROMPT consists of simulation stations with anaesthetics, obstetrics and midwifery. Stations scenarios consist of eclampsia, postpartum haemorrhage (PPH), sepsis and maternal collapse. PROMPT has been introduced in our unit (the National Maternity Hospital) in 2022.

## AIMS

The aim of this analysis was to define how frequently and with how many the course would need to be run to fulfill the mandated guidelines.

## METHODS

We undertook a gap analysis. Eligible staff were identified including midwives, nurses, obstetricians and anaesthetists. The data was collected and modelled for multiple permutations. The most feasible and practical model was identified.

## RESULTS

There were 481 staff eligible to be included. Of this, 270 were midwifery/nursing, 138 were obstetric and 73 were anaesthetists. Consideration was given to staff rotations, particularly among NCHDs. The model which is most practical and inclusive is PROMPT every 6 weeks, accommodating 15 midwifery/nursing staff, 8 obstetric and 4 anaesthetic staff. This allows 7 staff per station (1 anaesthetic, 1 obstetric and 3-4 nursing/midwifery).



## Conclusion

PROMPT training on a 6 week rolling basis will fulfill the criteria for training as mandated by the NMS.

This has an impact on the staff required to facilitate training and also on rostering of staff and provision of service on training days.