

NEONATAL RESUSCITATION WEEK



Simulation in Clinical Areas

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Introduction:

- All relevant clinical staff in NMH do Neonatal Resuscitation Programme (NRP) every two years.
- practical skills and knowledge-based course
- clinical staff have very different continuing exposures to neonatal resus depending on their work area.
- Neonatal Resuscitation Committee decided to commence a hospital-wide education and awareness programme to provide

Methods:

- MDT: neonatologist and two neonatal resuscitation CNS, all NRP instructors,
- Seven tailored scenarios with case-based discussions.
- Team outside the canteen at lunchtime both days to maintain high level of awareness hospital-wide

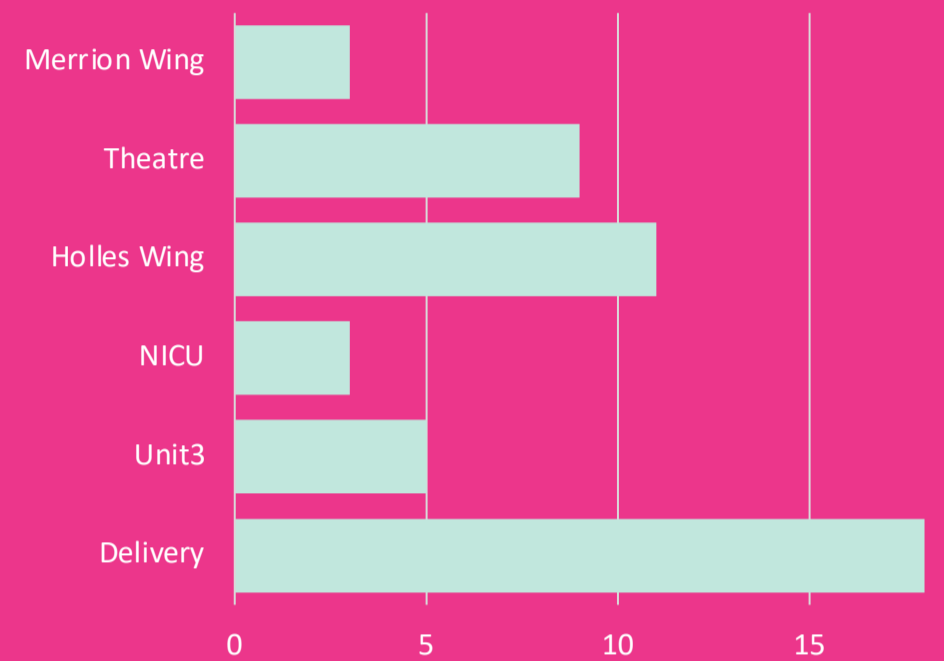
Results:

- 2 days: 49 staff, six clinical areas.
- The ward-based scenarios and case-based discussions tailored specifically to be relevant to the specific clinical area.
- High level of engagement across all hospital staff at the canteen-based information station.
- 48 staff participated in the quiz, and highlighted areas that needed future attention.

Conclusions:

- Opportunity to participate in scenarios in departments with little regular exposure:
 - skill enhancement, highlight awareness, reduce anxiety
- Feedback positive, great staff engagement
- Delivering targeted training at ward level = **relevant, targeted, accessible and useful**

Participants



Neonatal Resuscitation Quiz

- Who developed the Apgar score?
 - A: Belturbet Apgar
 - B: Ballyjamesduff Apgar
 - C: Cootehill Apgar
 - D: Virginia Apgar
- What number do you dial for an emergency within the hospital?
 - A: 3333
 - B: 222
 - C: 2222
 - D: 5555
- Where is the neonatal emergency blood kept in the hospital?
 - A: Fridge in ICU1 in NICU
 - B: Fridge in Theatre
 - C: Fridge in Canteen beside the yoghurts
 - D: Fridge in the haematology lab
- What 3 rapid evaluation questions do we ask ourselves immediately after a baby is born?
 - A: Pink?, Moving?, Secretions?
 - B: Term?, Breathing or crying?, Male or Female?
 - C: Pink?, Term? What's baby's name?,
 - D: Term?, Tone?, Breathing or crying?
- What piece of equipment do we use to access babies after birth and provide warmth?
 - A: Resuscitaire warmer
 - B: Incubator
 - C: The mothers' bed
 - D: Car seat
- Positive pressure ventilation that moves the baby's chest is the single most important tool in neonatal resuscitation.
 - True
 - False
- How many positive pressure ventilation breaths per minute do we give?
 - A: 10-20
 - B: 40-60
 - C: 80-100
- Why do we place a preterm baby <32weeks in a polyethylene sandwich bag immediately after being born?
 - A: because they look cute
 - B: to stop them moving too much
 - C: to help reduce heat loss through evaporation
- When do we start PPV?
 - A: If the baby is not breathing or is gasping
 - B: If the baby has laboured breathing
 - C: If the baby is crying
- Place the Spo2 monitor probe on the baby's right wrist.
 - True
 - False

National Maternity Hospital
Neonatal Resuscitation Committee

NEONATAL RESUSCITATION WEEK



August
24th & 25th

Supporting learning,
maintaining skills

