

PROPOSED NETWORK-WIDE AUDIT 2018-19

Background

Dr Shiva Shankar presented his network audit of unplanned extubations at the network audit competition on 23rd May 2018. This demonstrated significant inter-hospital variation in the rate of unplanned extubation and modifications in practice are being made as a result of the audit findings. After this presentation those at the meeting discussed potential topics for the next network-wide audit.

Proposed audit topic for 2018-19

It was agreed to focus on the initiation of breast feeding on neonatal units because SSBC NN units consistently perform below average on the NNAP audit question 'Proportion of babies <33 weeks and not transferred between units who are receiving breast milk at discharge'. It was felt that this audit will complement the existing NNAP and will help units understand whether the poor performance in NNAP relates to low rates of initiation of breast feeding or to inability to sustain breast feeding until discharge. Furthermore the NNAP question excludes a large proportion of babies born <33 weeks gestation as they are transferred between units.

Audit proposal

Audit will include in all babies born at <33 weeks gestation within SSBC NN within the audit window. Data collected will include

- Unit of birth
- Unit of residence at age of 48 hours (rationale: almost all EUTs will have occurred by this time)
- Age first given any milk
- Age first given mother's milk
- Age at which the baby achieved full enteral feeds or 150ml/kg/day, whichever is the least
- Whether the baby received formula milk or donor breast milk before achieving full enteral feeds
- Age baby regained his/her birth weight
- Any documented reasons causing a delay in the introduction of enteral feeds (e.g. suspected NEC)

Logistics

The audit will be led by a neonatal grid trainee at UHNM supported by Dr Kate Palmer. The audit leads in each unit will be asked to identify a lead for their hospital.

Data will be collected prospectively over a 2-3 month period

Results of the audit will be presented at the next network audit competition (probably March 2019)