



# Learning together: A regional neonatal mortality review panel

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## **AIMS**

- Identify areas of excellent practice.
- Identify areas where management could have been improved.
- To better understand the causes of death within our region.
- To disseminate learning throughout the region to all staff involved in neonatal care.
- To reduce overall neonatal mortality through striving for excellence in care.
- Establish good communication with CDOP panels.

## **METHOD**

- We set up a regional peer review panel to review all neonatal deaths within the Yorkshire and Humber Neonatal ODN (South).
- 9 neonatal units
- Medical and nursing representatives
- Obstetric, transport and surgical representation
- Cases presented
- Peer review and completion of proforma, e.g.

Antenatal care.

Labour and delivery.

Neonatal care pathway for transfer (if applicable).

End of life care and palliative care (if applicable).

Certification including coroner involvement (if applicable).

Postmortem – offered and performed.

Outcome of internal Trust review.

After care bereavement support for parents.

Fed into local CDOP processes

# TAYLORS of Horregote YORKSHIRE TEA Let's have a proper brew

# Mandate

♦ The Kirkup report (Morecombe Bay, 2015) stated that deaths should be 'properly investigated, in order to identify problems and prevent a recurrence'.

# Case Example



We identified a common theme of delays in the emergency administration of blood at birth.

We undertook an extensive education programme:

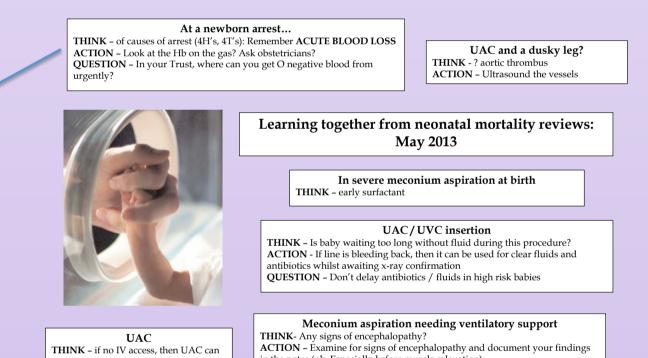
Trust level education & training



Simulation

Network training days

Posters



#### **Opinion:**

- 1. Were there were any modifiable factors that may have changed the outcome?
- 2. Were there any factors that could have improved the quality of care provided?

#### At a newborn arrest..

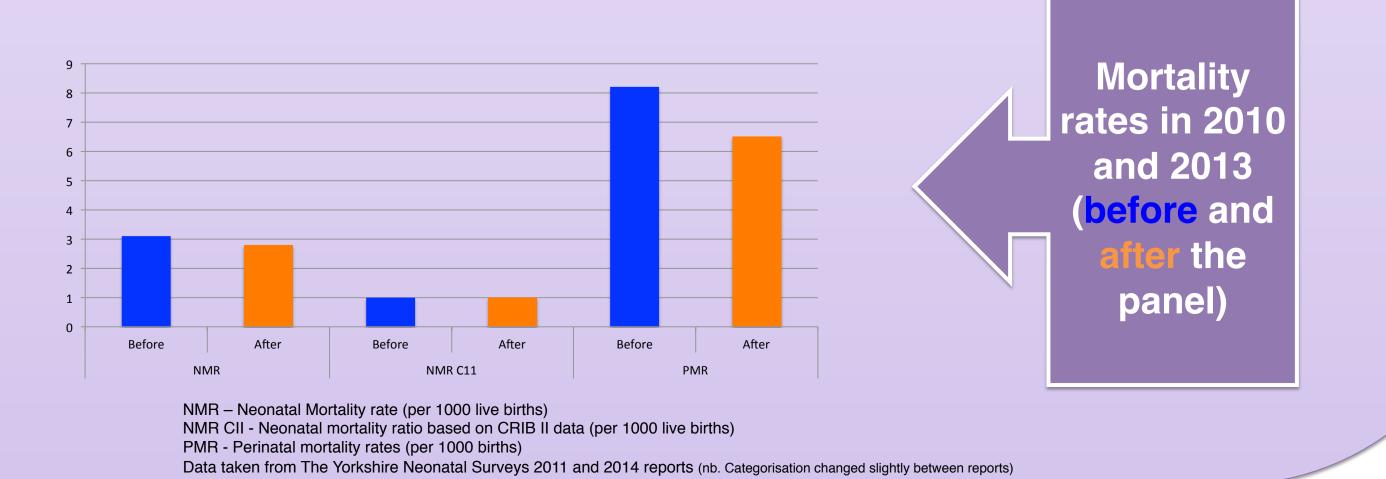
THINK – of causes of arrest (4H's,4T's)
Remember ACUTE BLOOD LOSS
ACTION – Look at the Hb on the gas?
Ask obstetricians?
QUESTION – In your Trust, where can you get O negative blood from urgently?

# RESULTS

Since June 2012 we have had 15 meetings and reviewed 152 deaths.

Outcomes

- Identified many learning points including common themes
- Improved collaboration
- Improved standardisation of care
- ME US YOU
- Disseminated learning through
  - Posters
  - Network training days
  - Simulation
  - Training package development
- Guideline development and review



## CONCLUSIONS

- ♦ Critical reflection and peer review are key tools in improving care.
- ♦ A regional peer review panel allows identification of common themes.
- Education can be implemented network wide allowing collective learning.
- ♦ Collaboration can be improved.
- ♦ Mortality can be reduced.
- We are now replicating this model across the rest of the Neonatal Operational Delivery Network.

