

Gateshead Health NHS Trust Wave 2

National maternal and neonatal health safety collaborative

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Aim/s

Neonatal Improvement

By April 2019 we aimed to reduce, by 50%, the number of babies being born to diabetic mothers and at risk of developing hypoglycaemia, being separated unnecessarily for blood glucose monitoring



Maternal service improvement

To increase the proportion of patients who are offered a glucose tolerance test (GTT):

At the correct time based on local guidance

Target 63% by March 19



Measurement

- SCORE Survey
- Process mapping of diabetic pathway
- Multidisciplinary discussions and team engagement to improve safety culture
- Engagement with service users.
- PDSA cycles.
- Analysis of term admissions on to SCBU (ATAIN)

PDSAs and achievements

- Reduction in babies separated from mothers for blood glucose analysis – reduction of over 60%
- Introduction of bedside monitoring
- Staff engagement through the facilitation of training and increased awareness.
- Safe, effective and efficient maternity and neonatal care.
- Reduce term admissions admitted to SCBU
- Develop safe and reliable systems, processes and pathways of care.
- Increase job satisfaction

SCORE Survey

- Action plan from maternity Survey developed
- Debrief sessions organised with teams
- Themes identified:
- Local leadership
- Teamwork
- Burnout climate – emotional recovery
- Key challenges around delay in feedback and that teams had moved from areas
- Cultural survey was not well understood by the teams prior to participation

Key challenges of the MatNeo Collaborative so far

- Small Team
- Conflicting and changing priorities – small unit
- Engagement with staff and service users.
- Attendance at meetings

Key successes of the MatNeo Collaborative so far !

- Reduction in babies separated from mothers for blood glucose monitoring by 80%
- Introduction of transitional care and maternity support workers.
- Hypoglycaemia Policy updated.
- Parental involvement, - leaflets produced.
- Employment of Diabetic specialist midwife.
- Golden hour introduced on Labour ward.
- Audit of Labour ward temperatures
- Education of all staff.
- Purchase of blood glucose monitors for postnatal and labour ward
- Increased skin to skin in Labour ward Theatre.

Key successes of the MatNeo Collaborative so far (contd)

The proportion of patients who are offered a glucose tolerance test (GTT) at right time increased to 61%

Electronic maternity records improved around risk factors for diabetes and alerts now on the system

Management plans aligned to risk factors

GTT patient information leaflet developed and will be available on the patient portal



Next steps

- Development of transitional care and to audit patient satisfaction.
- New Hypoglycaemia guidelines to be rolled out.
- Introduction of dextrose gel
- Maternity/neonatal safety champions
- To purchase transcutaneous bilirubinometer.
- Develop key areas for focus around the Score Survey. This will be supported by the HR department
- Continue to develop our electronic maternity records