



Central CTG Monitoring

Project aim

To implement centralised Cardiotocography (CTG) monitoring to Labour Ward ensuring allowing clinicians to permanently monitor fetal heartrates, improving the chance of discovering abnormalities.

Timeline for delivery

From: October 2022 To: August 2023

Tests for change

- Purchase CTG Only package from Clevermed
- Build two virtual DSS servers
- Purchase 11 moxaboxes
- Install network cables to Labour ward rooms and theatres to allow connection of moxaboxes
- Attach CTG machines to central screen in labour ward office
- Name CTG machines
- CTG machines linked to main screen – ability to split to show all 11 CTG's (if required)
- Data transfer pathways between COSMIC and Badgernet built and tested pre go-live



Project team

- Sahra-Luise Tormos (Digital Transformation Midwife)
- Rob Fisher (Business Change Manager)

Results

The benefits of the scheme is that our staff can now monitor CTG's for the 9 rooms and 2 theatres from a large screen in the Labour Ward Midwife office.

This enables our Obstetricians and Midwives to analyse changes to fetal heart rates during labour and institute timely intervention as and when required. This does not substitute 1:1 Midwife observations with our women, but does provide the team with constant, real-time updates and therefore safety of all of our women on Labour Ward.

Learning and next steps

Awareness and understanding of IT infrastructure and the lead times to build e.g. we found the trust had to build two DSS servers and generate cloud storage as well as network cable Labour Ward before we could begin testing internal connections, let alone external messaging and testing.

