Rapid Access for Patients Imminent Delivery (RAPID) Project
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Introduction
Best available evidence shows that the decision to delivery interval (DDI) and emergency caesarean section (CS) should be no more than 30-60 minutes if maternal or fetal compromise is to be prevented.

Bentley Health Service (BHS) identified delays in getting Category 1 and 2 patients to theatre for emergency CS. Audit results for Sept 2018 to February 2019, showed that 22 Category 2 patients were over the recommended 60 minutes DDI and two Category 1 patients were over the 30 minute DDI for an emergency CS.

Aim
To decrease DDI for Category 1 CS patients to less than 30 minutes and Category 2 CS patients to less than 60 minutes.

Method
Pretest and posttest data will be analysed after the implementation of comprehensive intervention which includes:

- Staff education using high fidelity simulation scenarios and power point presentations with embedded procedural videos.
- The development of a Standard Operational Procedure (SOP)
- Dedicated flexible theatre
- Assigned emergency theatre team in-hours
- Introduction of new paging distribution group for Category 1 and 2 caesarean sections
- Modifications to theatre infrastructure to create ‘RAPID’ bay
- Streamlined after hours communication processes.

Results
This project is currently underway with final results available by 1 October 2019. Based on prior caesarean section it is anticipated that 40 Category 1 and 2 patients will be involved in this project. Staff have been involved in every step of the change process to ensure adoption of this new intervention.

Conclusion
It is envisaged that the DDI will be decreased significantly with enhanced outcome for both mother and baby.

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