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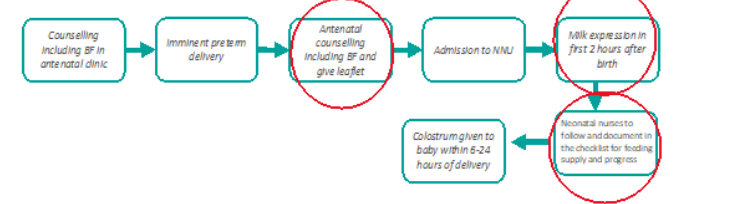
BACKGROUND

Early administration of maternal milk is crucial to preterm babies to reduce morbidity and mortality. In our unit, only 2 out of 8 babies receive milk within 24 hours age.

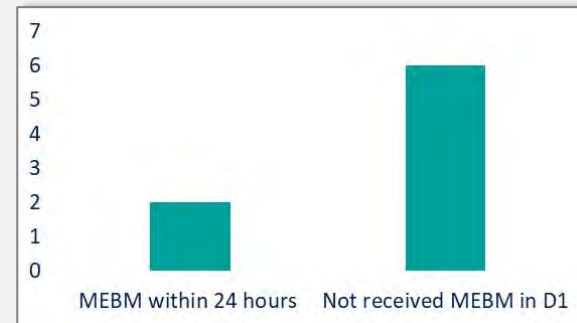
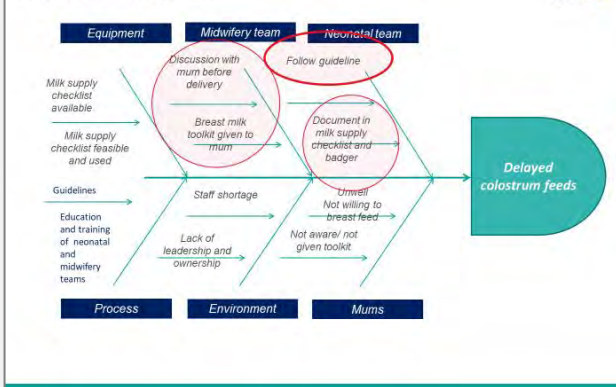
The national association of perinatal medicine has set standards to provide colostrum to preterm babies born less than 34 weeks within 24 hours of birth and ideally within 6 hours of age. In our Hospital, we score low in achieving early initiation of breast milk feeding compared to the national standard.

DIAGNOSTICS

High level Process map



Fishbone diagram



Reasons for delayed colostrum feeds



AIM & MEASUREMENT DEFINITION

Chosen measure

- 1: Have all our preterm babies(34 weeks or less) received maternal milk within 24 hours?
- 2: Have we achieved 100% compliance to using maternal milk supply checklist?

Inclusions

All babies< 34 weeks admitted to the neonatal unit

Exclusions

Babies transferred out immediately after delivery
Preterm babies admitted from other hospitals
Contraindications to breast feeding ie drug use or certain infections

Sampling method & frequency

Prospective data collection from medical notes to include all preterm babies (34 weeks and less)

CHANGE IDEAS

- Standardise use of milk supply checklist by neonatal nurses
- Deliver teaching about the project and improvement ideas
- Involve both neonatal and midwifery teams
- Provide colostrum packs in delivery suites and postnatal wards
- Counselling and providing colostrum packs in antenatal and preterm clinics

Checklist for Milk Supply & Progress to Oral Feeding (parent or parent)

Date of Birth: _____ Generation: _____

To be completed within 2 hours of admission

1. Has the importance of colostrum/breast milk been discussed with parents?
2. Has the Mother received a breast-feeding pack?
3. Has the Mother received a breast-feeding pack?
4. Has the Mother received a breast-feeding pack?

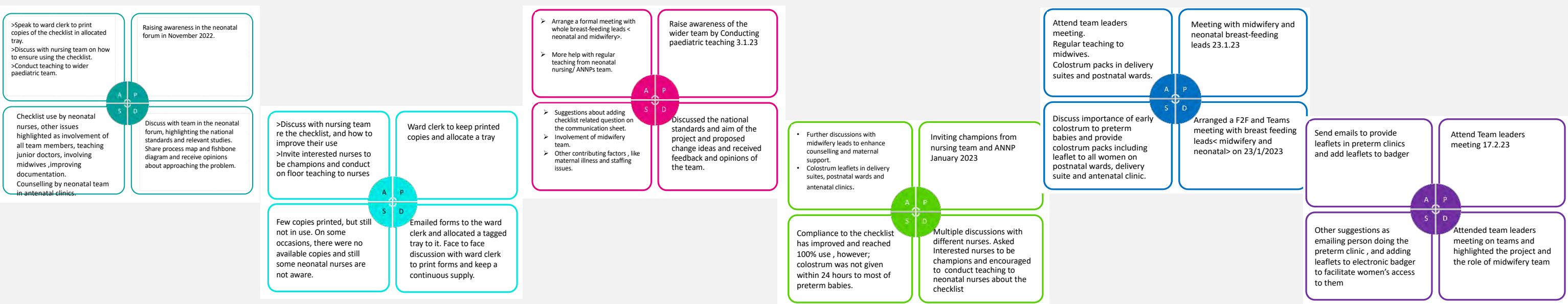
To be completed within 24 - 48 hrs post-delivery/admission

1. Can the baby have an oral feed?
2. Is the Mother now using a double electric breast pump?
3. Has the Mother received a breast-feeding pack?
4. Has the Mother received a breast-feeding pack?
5. Date & sign when parents have received the following information:

Check milk volumes DAILY (see attachment)

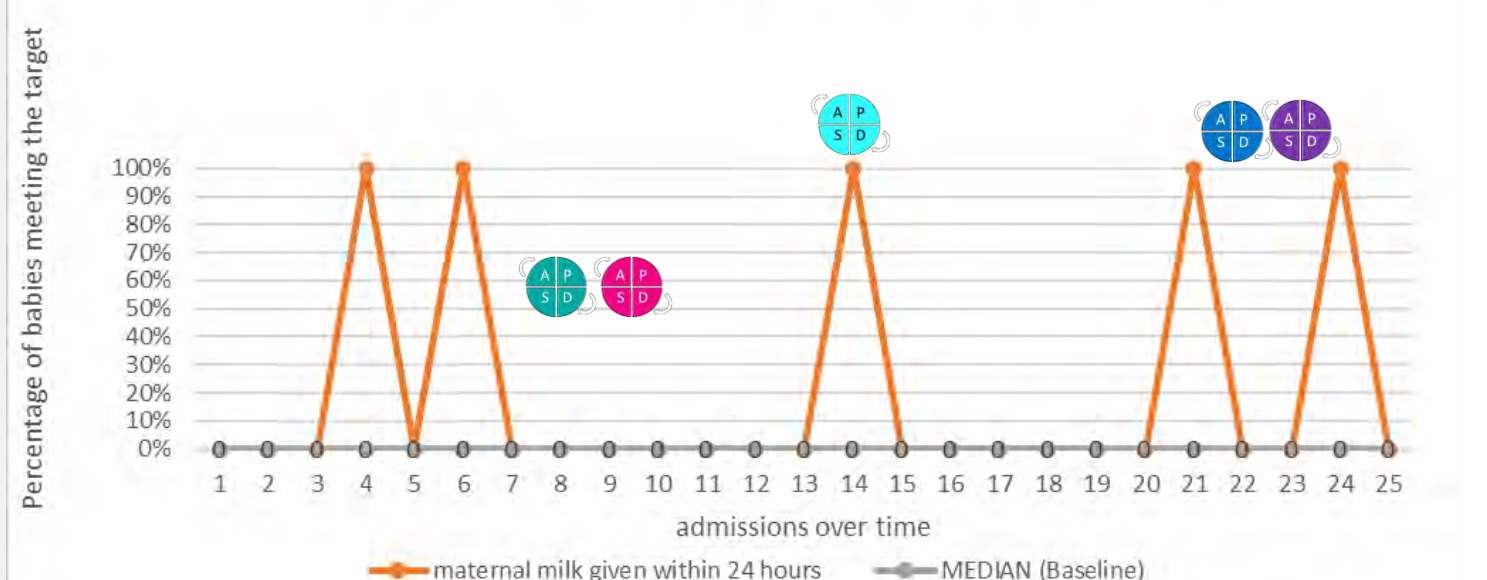
Complete the attached chart with the Mother DAILY for the first two weeks.

PDSA cycles



RUN CHART

Giving maternal milk in the first 24 hours of admission



REFLECTIONS & LEARNING

Perseverance and ongoing teaching are very crucial to encourage others follow your change idea.

Sustaining any change is even more difficult: I Learnt the Importance of encouraging enthusiastic team members to be champions and participate in raising awareness

Small PDSA cycles are very important and effective way of testing your measures to find most effective change ideas

For this project, serial PDSA cycles demonstrated the importance of engaging other wider teams, rather than relying on checklist as main change idea!