

Human Donor Banked Breast Milk Patient Survey

BACKGROUND

- Medical indications for newborn nutritional supplementation include excessive weight loss, hyperbilirubinemia, hypoglycemia, and inadequate output
- Mothers of infants requiring medically indicated supplementation with an inadequate milk volume may be faced with the decision to provide additional supplementation
- Research supports the many health benefits of human donor banked breast milk (HDBBM) rather than artificial breast milk (ABM) supplementation including:
 - Healthy gut formation
 - Reduced allergic response & risk of asthma
 - Improved immunology
- Offering HDBBM for medically indicated supplementation:
 - Decreases formula utilization
 - Does not impact the biological mother's rate of providing breast milk
 - Improves exclusive breastfeeding success rates
- Increasing/maintaining the percentage of mothers exclusively breastfeeding fulfills The Joint Commission's perinatal care quality measure of "exclusive breast milk feeding during the newborn's entire hospitalization"

PURPOSE

- Determine perceptions and knowledge of HDBBM of expecting women delivering at Providence St. Joseph, Orange
- Data will be used to develop and conduct ongoing patient education

REFERENCES

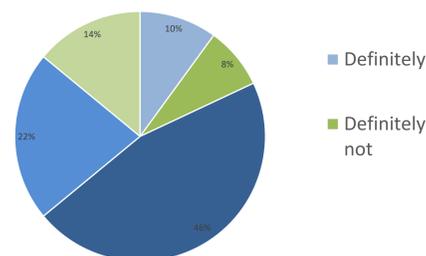
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METHODS

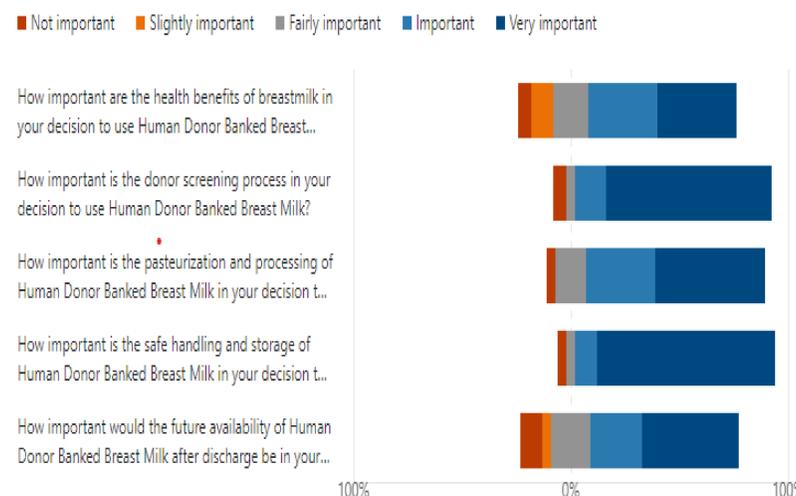
- Design: Evidence-based quality improvement project
- Setting: Maternal Fetal Testing
- Participants: Expectant mothers scheduled for maternal fetal testing prior to delivering at Providence St. Joseph, Orange
- Procedure: Survey 50 mothers to determine patient perceptions and knowledge of HDBBM

RESULTS

How likely would you be to use HDBBM as opposed to formula?



How Important are the following in your decision to use HDBBM if needed



RESULTS

- 86% expect to exclusively breastfeed their newborns
- 52% have never heard of HDBBM
- 82% would consider using HDBBM if supplementation was required
- 68% feel that their significant other will impact their decision to utilize HDBBM

IMPLICATIONS FOR PRACTICE

- The survey identified opportunities for patient education
- Understanding indications and processes for HDBBM will facilitate informed utilization and consent

DISCUSSION

- The survey indicated that 86% of mothers expect to exclusively breastfeed their newborns
- 52% of mothers have never heard of HDBBM
- 82% of mothers would consider using HDBBM instead of formula if medically indicated supplementation is required
- Although friends and family have some influence on the decision to utilize HDBBM, significant others' views and opinions have the greatest impact
- Understanding the health benefits, screening process, pasteurization and processing, safe handling and storage and future availability of HDBBM are important in maternal decision making
- Education regarding HDBBM should be developed to support informed consent for mothers whose newborns require medically indicated supplementation

