

SMH NICU BREASTFEEDING QI PROJECT

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The Problem

- ▣ The NICU at Strong has demonstrated very low rates of mothers providing human milk to preterm infants <32 weeks and <1500 grams compared to other comparable academic medical centers.
- ▣ In 2008 the NICU started a quality improvement project to target an improvement in our rates of human milk at 2 weeks, 1 month and at dc. Rates at that time were 60% at 2weeks and 39% at time of discharge. Amount of human milk is not quantified.



Accomplishments

- ▣ 2008: Fully funded lactation position 1.5 FTE currently staffed for 1.0FTE with creative coverage.
- ▣ 2009: Creation of educational folders given to mothers on the antepartum floor. Incorporation of the importance of human milk in prenatal consults done by NICU fellows or NICU lactation staff.
- ▣ 2009: Presentations at Finger Lakes Perinatal Forum at local and at the state level poster accepted.
- ▣ 2010: Ability for mother to obtain prescription for Miner Library for additional breastfeeding information

Accomplishments (Part 2)

- ▣ 2009: Mothers providing human milk at 2 weeks up to 70% and at discharge 44%.
- ▣ 2009 Motivational Interviewing Technique taught to several staff who work in lactation role.
- ▣ 2010: Poster at NICU entrance with “catch phrases” such as “pumping for your pumpkin” or “a gift for your baby” that mothers can visibly see and track their pumping progress
- ▣ 2010: NEC rate dropped from 12.9% to 7.5% over the course of the 2 year project.
- ▣ 2011: Poster Abstract submission to APN Forum in Washington DC for podium presentation as QI project.

4th Quarter 2010 Data

- ▣ Human milk at 2 weeks: 78%
- ▣ Human milk at 4 weeks: 75%
- ▣ Human milk at dc: 53%
- ▣ All numbers continue to trend upwards which we are very proud of
- ▣ Need to continue work on maternal and family education along with creative ways to acknowledge and support our mothers
- ▣ Don't forget about the fathers role: courier, cheerleader etc.



Future Goals

- ▣ Part time dedicated lactation support at 0.5 FTE
- ▣ Incorporation of DVD “In Your Hands” onto the Get Well Network for parents to view. This video describes the empowerment of providing human milk from both the maternal and paternal perspective
- ▣ Parent(s) as members of lactation team to support and help families whenever needed similar to the Rush Model
- ▣ Continued analysis of data in regards to NEC rates and nosocomial infection and length of stay compared to similar centers

Questions or Comments