

Aim

Maintain the percentage of NICU infants receiving MOM at discharge or transfer at $\geq 90\%$ by Dec 31, 2024.

*Criteria = patients admitted at ≤ 6 days and discharged at ≤ 119 days who are eligible for enteral feeds.

Importance

- SickKids operates as an exclusive outborn quaternary NICU with mothers having limited direct involvement in the initial days, primarily because they are hospitalized at the delivery facility.
- SickKids' transport team provides initial education and supplies for colostrum collection prior to transfer.
- Inconsistent services and supports exist in referral centers for lactating parents when a sick newborn is transferred.

Lessons Learned

- Documented assessment of parental access to double electric pumps is associated with an increase in administration of any expressed breast milk prior to discharge or transfer.
- The gap that exists between improved assessment of access to the double electric pump and the provision of OIT, identifies a need for heightened focus and protocolization of OIT administration.
- Increased compliance with use of the daily RN rounding tool may enhance daily discussion of OIT administration and skin-to-skin care.
- Improvement observed in administration of any of MOM and not in exclusive MOM may indicate insufficient compliance with skin-to-skin holding and OIT administration.

Implementation

- Participation in a multi-center North American Childrens Hospital Neonatal Consortium (CHNC) QI Project "Home on Milk Every Time (HOME)" - Local Project HOME team established.
- Identifying **local and multicenter** outcome (red), process (blue) and balancing **measures**.

Percent of patients with **any MOM** received 24 hour prior to discharge

Percent of patients with **exclusive MOM** received 24 hour prior to discharge

Documented needs assessment for a **double electric breast pump**

Documented **human milk feeding education** by MD/NP and of RN/LC teams

Documented **OIT administration** within 4 days of admission

% of patients with documented **first oral feed** attempt was done **at breast**

Documented **skin-to-skin care** by 14 days of admission

RN use of daily **nursing rounding tool**

Outcomes

