Providing Donor Breast Milk for Premature Infants.

Emilee N. Carr BSN, RN
*Lehigh Valley Health Network*, emilee_n.carr@lvhn.org

Mary K. Kline BSN, RN
*Lehigh Valley Health Network*, Mary_K.Kline@lvhn.org

Michelle N. Lanzarone BSN, RN
*Lehigh Valley Health Network*, michelle_n.lanzarone@lvhn.org

Follow this and additional works at: [https://scholarlyworks.lvhn.org/patient-care-services-nursing](https://scholarlyworks.lvhn.org/patient-care-services-nursing)

Part of the Nursing Commons

**Published In/Presented At**

This Poster is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact LibraryServices@lvhn.org.
Providing Donor Breast Milk for Premature Infants

Emilee Carr, BSN, RN, Katie Kline, BSN, RN, Michelle Lanzarone, BSN, RN
Lehigh Valley Health Network, Allentown, Pennsylvania

BACKGROUND & SIGNIFICANCE

- Currently, donor breast milk (DBM) is not available for infants in the Neonatal Intensive Care Unit (NICU) at Lehigh Valley Health Network.
- Infants in the NICU are fed formula if they do not have access to, or adequate amounts of, maternal breast milk.

REFERENCES:


EVIDENCE

- The American Association of Pediatrics (AAP) recommends donor human milk instead of formula for preterm infants when mother’s own milk is unavailable.
- One out of every 33 infants that are fed formula will develop Necrotizing Entercocolitis (NEC).
- The rates of NEC are markedly lower when infants are fed human milk as opposed to formula.
- Donor breast milk is associated with a significantly lower incidence of NEC.

SUMMARY

- Donor breast milk is associated with a significantly lower incidence of NEC.
- One out of every 33 infants that are fed formula will develop Necrotizing Entercocolitis (NEC).
- Donor breast milk is associated with a significantly lower incidence of NEC.

PURPOSE

- Collate and present evidence that shows donor breast milk is associated with a significantly lower risk of NEC.
- Investigate the amount of formula use in NICU infants weighing <1,500 grams at birth during their first two weeks of life.
- Estimate the amount of donor breast milk (mL) that would need to be purchased per month to support a donor milk initiative at Lehigh Valley Health Network.

DATA

The amount of formula (mL) fed to infants weighing less than 1,500 grams in the NICU

<table>
<thead>
<tr>
<th>Nov-15</th>
<th>Dec-15</th>
<th>Jan-16</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,570</td>
<td>1,098</td>
<td>944</td>
</tr>
</tbody>
</table>

Amount of formula fed per month in the NICU (mL)

NEXT STEPS

- In the defined population, development of a donor breast milk program at Lehigh Valley Health Network.

REFERENCE:

- In the defined population, development of a donor breast milk program at Lehigh Valley Health Network.

© 2017 Lehigh Valley Health Network