


Children's Hospital
London Health Sciences Centre

Supporting Mother and Baby Towards
Successful Breastfeeding From Hospital to Home

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Objectives


1. Understand the maturation of the infant suck and identify various sucking patterns.
2. Review latch and techniques to support transfer of milk from mother to infant.
3. Review infant feeding stress cues.
4. Discuss strategies to support mother's milk production.
5. Discuss decision-making when choosing a nipple to support infant breastfeeding.



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Case Study

- Infant girl born at 29 weeks 1 day – 900grams
- HUS, BPD, ROP, Sepsis, NEC – Negative
- CPAP, RA at 4 days
- Transferred at 30 weeks on full feeds of EBM/HMF
- Initiated breastfeeding at 32 weeks with transfer of small amounts
- Bottles introduced as transition slowed
- 36 weeks refusing to suck/sleepy
- Attempts to bottle on ROSS newborn nipple 180/kilogram/day of EBM
- No longer breastfeeding but mother pumping



2

Nipple Selection



**Similac
Slow Flow**



**Similac
Newborn**



**Medela
Nipple
Shield**

Nipple Selection



**Medela
SpecialNeeds®
Feeder**



**Bionix Controlled
Flow Infant Feeder**

CARE PLAN - Initial Plan

- Feed by Nasogastric tube only for the next 48 hours
- Adjust feeding to 140ml/kg/day (EBM with 2pkg of Human Milk Fortifier in 50cc of EBM)
- Observe infant for cueing
- Review plans with mother on rounds
- Offer non-nutritive sucking with soother

48 Hours – 72 Hours

- Introduce breastfeeding when infant is cueing otherwise continue nasogastric tube feeds
- Available rooming for the mother
- Assess the volume transferred by scale

Discharge

- Frequent weight checks-consider a loaner scale, doctors office nurse weighing baby
- Follow-up support-involve Public Health nurse
- Top up feeds with Neosure to meet infants required volumes

References

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- Kenner K, McGrath JM., NANN. *Developmental Care of Newborns & Infants*. 2nd Edition. Mosby: 2010.

Websites

- Medela
<http://www.medelabreastfeedingus.com/products/breastfeeding-devices/83/specialneeds-feeder>
- Bionix
http://www.bionix.com/MED_Pages/ControlledFlow.html
