



Mother's Own Milk (MOM) Initiative

August 2017 Learning Session:

MOM NICU Journeys

Part II

Partnering to Improve Health Care Quality
for Mothers and Babies



Welcome!

- **Please enter your Audio PIN on your phone or we will be unable to un-mute you for discussion.**
- If you have a question, please enter it in the Question box or Raise your hand to be un-muted.
- This webinar is being recorded.
- Please provide feedback on our post-webinar survey.

Agenda

8/3/2017

- 👤 Project Announcements
- 👤 Sharing our Journey
 - 👤 Naples Community Hospital
 - 👤 Florida Hospital Tampa
 - 👤 Morton Plant Mease
 - 👤 Brandon Regional Hospital
 - 👤 Tampa General Hospital
 - 👤 Johns Hopkins All Children's Hospital
- 👤 Q&A and Discussion

Announcements

- 👶 Please Save the Date!
- 👶 MOM Webinars: Sharing your NICU Journey!
 - 👶 South Florida Region 9/7/17 1-2pm

Data Submission

- 👶 **Please try to submit your data on a rolling basis, e.g. on the day of the infant's 'initial disposition'**
- 👶 **Reminder: Data for the previous month is due by the 1st of the month!**
For example: Your June data was due July 1st.

August is National Breastfeeding Month!

<http://www.usbreastfeeding.org/nbm>

Happy World Breastfeeding Week!

August 1-7

<http://worldbreastfeedingweek.org/>

<http://biglatchon.org/>

August 25-31

<http://blackbreastfeedingweek.org/>



Hospital Grade Pumps

- 👉 Are your Medicaid mothers able to obtain their hospital grade pumps?
- 👉 Most are telling us they are not. **AHCA Needs to know!**
- 👉 https://apps.ahca.myflorida.com/smmc_cirts/
- 👉 http://flbreastfeeding.org/pdf/final_medicaidbreast_pumpalert.pdf

Announcements

- 👉 *Need assistance with providing your NICU staff breastfeeding education?*
- 👉 Remember that training materials and videos are available to help guide the nursing staff that attended the Breastfeeding Resource Nurse Master training last summer with Diane Spatz.
- 👉 Let us know if you need help accessing the box account.

Announcements

- 👶 Don't Forget: Free Personalized On-site Consultations for your unit!
- 👶 Contact Ivonne at ihernand@health.usf.edu to schedule!



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Today's Topic:

SHARING OUR NICU JOURNEY! CENTRAL/WEST FLORIDA REGION



Our MOM Initiative

Naples Community Hospital System
Catherine Ravelo MSN, RN, CNML

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Where We Started

- 👶 100% intent to provide MOM documented
- 👶 57% lactation assessment within 24hours
- 👶 93% availability of hospital grade pump
- 👶 29% initial pumping < 6 HOL
- 👶 57% availability of MOM < 72 HOL
- 👶 No baseline data for pumping volumes, nonnutritive sucking, skin to skin

What We've Achieved

- 👶 Improved documentation of pumping volume
- 👶 Improved documentation of skin to skin
- 👶 Improved documentation on Nutritive BF within 7 days of disposition
- 👶 Maintained lactation consultant assessment within 24 hours
- 👶 Maintained documentation of early pumping with hospital grade pump

Challenges Still to Tackle

- 👶 2 Lactation staff resignations over a 2 month period. Currently 2 FTE with new position to be posted soon.
- 👶 Change in culture for bedside RN to offer early skin to skin regardless of respiratory support
- 👶 Need to improve monitoring MOM logs to ensure good supply
- 👶 Need to improve offering nonnutritive nursing and have MD support for practice earlier



Our MOM Initiative

Morton Plant Hospital
Dawn Baltz, MSN, RN, IBCLC

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MPH Baseline Data

- 88% - Intent to provide MOM documented
- 41% - Lactation assessment within 24 hours of NICU admission**
- 24% - Hospital grade pump available at maternal discharge
- 12% - Moms pumping within 6 hours of delivery**
- 53% - MOM available prior to 72 hours of life**
- Pumped milk volume not tracked- unable to obtain baseline

MPH Baseline Data

- Infants having $\geq 50\%$ of feeding volume comprised of MOM on:
 - Day 7- 77%
 - Day 14- 82%
 - Day 28- 60%
 - Infant's initial disposition- 53%
- Non-nutritive breastfeeding documented- 25%
- Skin-to-skin documented prior to 10 DOL- 75%
- Nutritive BF session at within 7 days of infant's initial disposition
 - Yes- 40%
 - No- 53%
 - Not desired by mother- 7%

What We've Achieved

Based on 2017 Data Available

	>1500	<1500	Percentage >1500	Percentage <1500	Baseline
Mother intended to breast feed	60	3	95.2%	4.8%	
Lactation Assessment within 24 hours	51	3	85.0%	100.0%	41%
>24 hours	9	0	15.0%		
Pumping in < 6 hours	34	3	56.7%	100.0%	12%
> 6 hours	28		46.7%		
Availability of MOM <72 hours	50	2	83.3%	66.7%	53%
Availability of hospital grade pump	34	2	56.7%	66.7%	24%
Skin to Skin	57	2	95.0%	66.7%	75%
Non nutritive Breastfeed not desired by mom	44 2	2	73.3% 3.3%	66.7%	25%
Pumped volumes > 500 mls					
DOL 7		1		33.3%	77%
DOL 14		1		33.3%	82%
DOL 28 - one NO one D/C					
Discharge - feeding >50% MOM	28	1	46.7%	33.3%	53%
Nutritive breastfeeding - had one mom who did not want to put to breast	55	2	91.7%	66.7%	40%
Discharged home	59	2	98.3%	66.7%	
Transferred out	1	1	1.7%	33.3%	

What We Achieved

- 👶 Baby Weigh scale for pre and post weights
- 👶 Availability of 2 hospital grade loaner pumps
- 👶 Coordination with WIC for hospital grade loaner pumps
- 👶 Progression of implementation of steps

Challenges Still to Tackle

- 👶 Pumping within 6 hours for all moms.
- 👶 Increasing skin to skin
 - 👶 Not just initially
 - 👶 But getting to several times per day
- 👶 Non nutritive attempts and consistency
- 👶 Documentation of pump volumes
 - 👶 Not all moms keeping logs
 - 👶 Identifying which day to check logs
 - 👶 Writing note in chart
- 👶 Continuing momentum and integrating into culture



Our MOM Initiative

Brandon Regional Hospital

Peggy Penovich BSN, RNC-NIC, IBCLC

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Where We Started

- 👶 We are a 22 bed, Level III NICU.
- 👶 We have a computer system that allows us pull reports for data collection and an informatics professional on our team.
- 👶 Skin to skin and initial pumping documentation was inconsistent.
- 👶 Lack of understanding of benefits of MOM vs. donor milk.
- 👶 40 % of infants were being discharged on any mother's milk in 2015-2016

What We've Achieved

- 👶 We were using donor milk prior to MOMI began.
- 👶 From June 2015 to June 2016, our donor milk use was 123,000 ml and a cost of \$24,020.00.
- 👶 July 2016 to July 2017 our donor milk use decreased to 63,000 ml and a cost of \$7,995.00. (This reflects a change to a FL milk bank.)
- 👶 Forty-nine percent less donor milk is being used.
- 👶 45% of MOMI babies going home on any mother's milk.
- 👶 Improved bedside education of mothers on importance of their breast milk.

Challenges Still to Tackle

- 👶 Difficulty in obtaining rental pumps for use after discharge.
- 👶 Availability of IBCLC's for VLBW moms.
- 👶 Obtaining consent from donor milk when necessary vs. with all admission consents.
- 👶 Initiating pumping within two hours with EVERY mom.
- 👶 Maintaining pumping after one month
- 👶 Increasing percentage of mothers with multiple drug use and no visitation



Our MOM Initiative

Tampa General Hospital
Karen Fugate MSN RNC-NIC, CPHQ

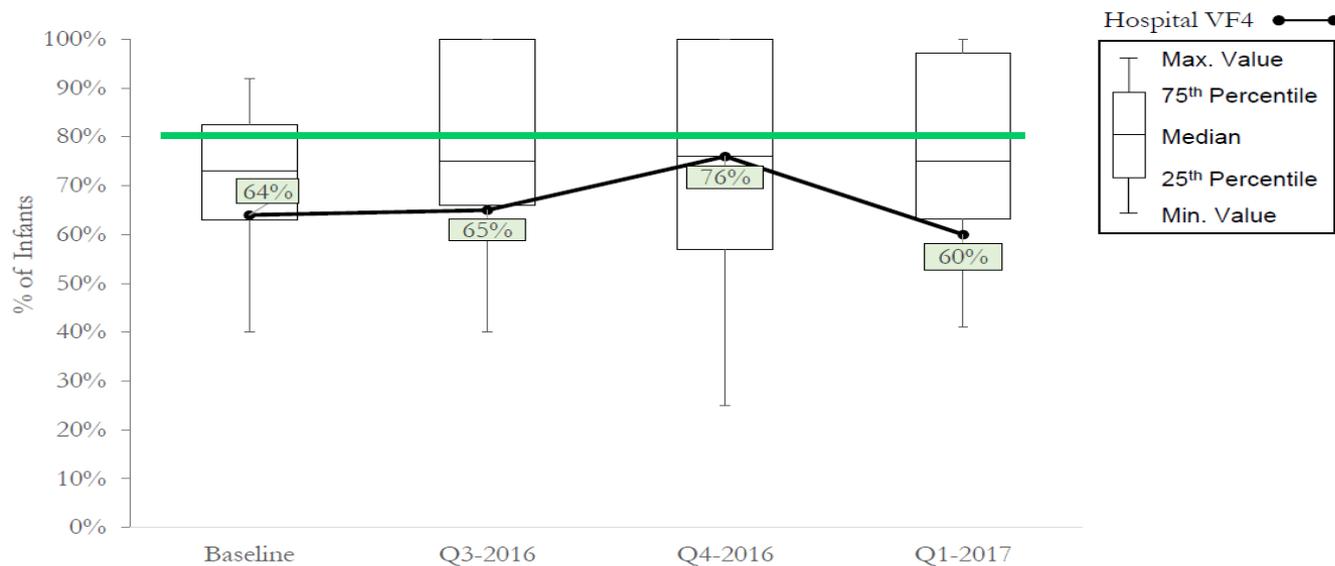
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Where We Started

$\geq 50\%$ of feeding volume = MOM on DOL 14

Fig 3. % of infants having $\geq 50\%$ of feeding volume comprised of MOM on DOL 14



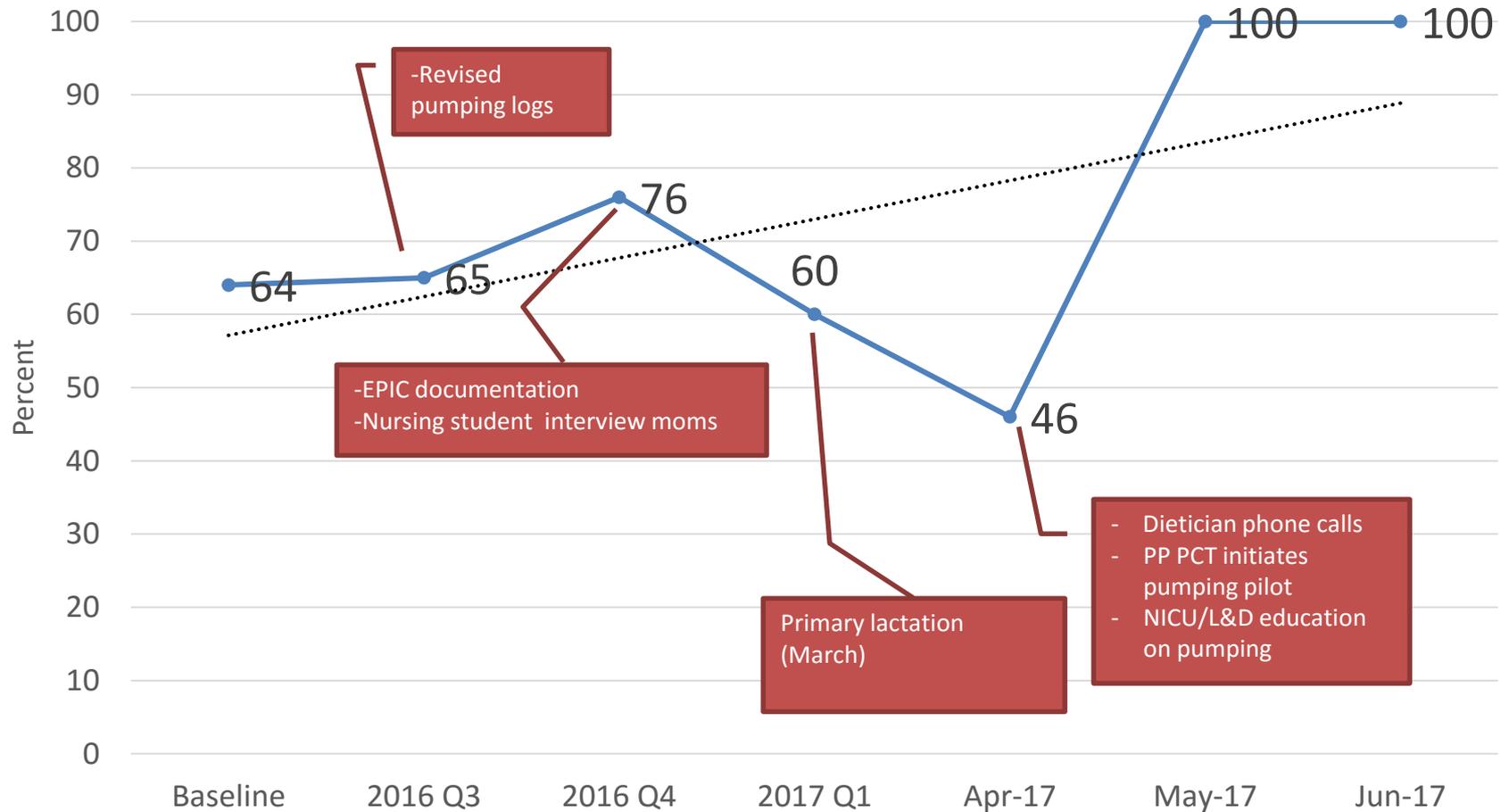
Goal Line: —

Denominator: Only infants whose mother intended to provide MOM



What We've Achieved

≥ 50% of feeding volume = MOM on DOL 14

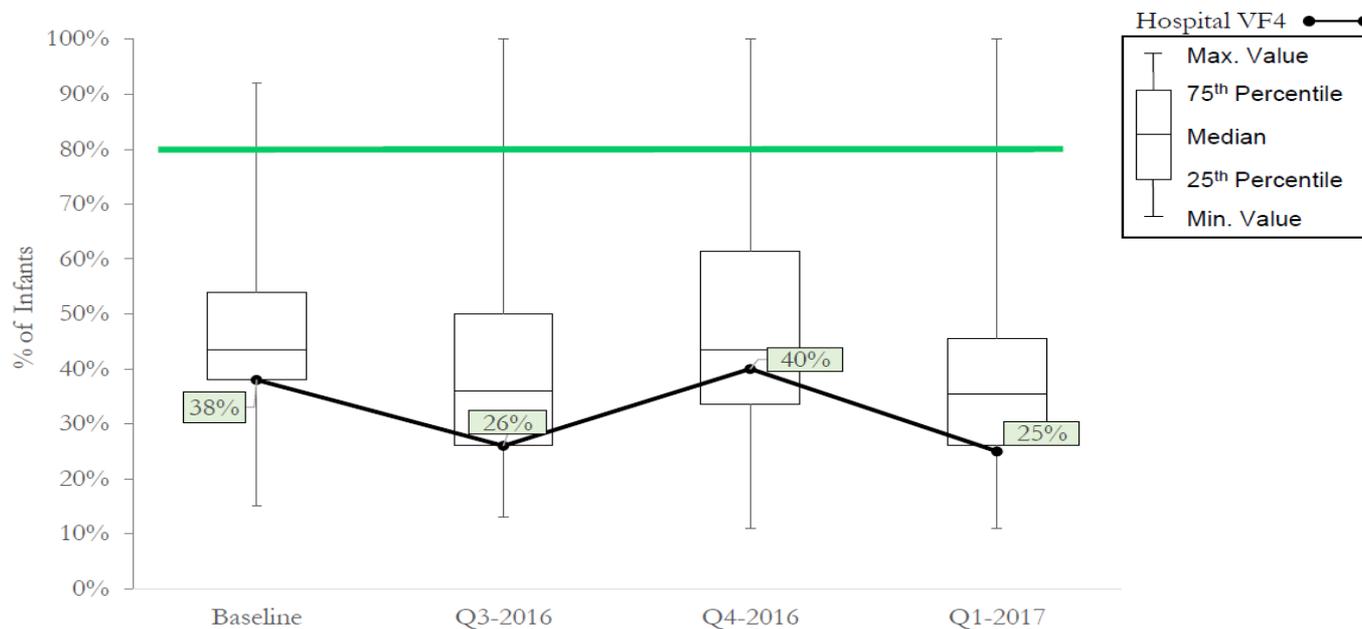


How we improved

- 👶 Pumping logs – revised and added to starter kits
- 👶 Added documentation – pumping sessions and 24 hr volume to EPIC
- 👶 Pump education for L&D staff -moms on MgSO4
- 👶 Pump education for NICU staff – “initiation” vs. “maintenance”
- 👶 PP PCT pilot – developed education and competencies to assist with 1st pump session
- 👶 **Primary lactation**
- 👶 **Dieticians place phone DOL 5-7, then weekly**

Challenges Still to Tackle

Fig 4. % of infants having $\geq 50\%$ of feeding volume comprised of MOM on initial disposition



Goal Line: 

Denominator: Only infants whose mother intended to provide MOM



“My mom pumps for me”

 My mom is working hard to make enough milk for me.

My name is Jonathan Today is 07/20/17

Every day I need 64 mls of breast milk.

My mom pumps 8 times in 24 hours (goal 8 times).

My mom pumps 1000^{+/-} mls in 24 hours (goal = at least 500 ml in 24 hours by day 7 and beyond).

I am on Breastfeeding Pathway Step number 1

When I am ready, my mom would like to:

- Hold me skin to skin (goal by 10 days of age)
- Practice breastfeeding with empty breasts (non-nutritive breastfeeding)
- Feed me at the breast

My mom tries to come every day to bring fresh milk.

My mom's feeding plan when I go home:
Breast milk Feeding 2 bottle

Message to staff from my mom:
Thank you for all of your hard work and support! You are really appreciated. Please be patient 2 Jonathan !!

 **Crib card**

Step 1: Oral Care

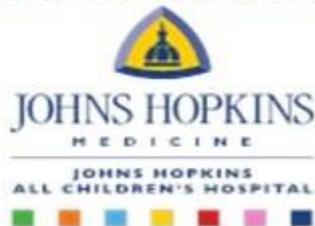
- I'm not quite ready to begin the road to breastfeeding.
- **Mom:** Please pump 8-10 times a day including one time at night.
- **Mom:** Every drop counts. I need your colostrum for oral care. It's like medicine!

•Started pilot
7/21



Our MOM Initiative

Johns Hopkins All Children's Hospital



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Where We Started

- 👶 Regional Level IV Center
- 👶 97 Bed NICU
- 👶 BEST (*Breastfeeding Enrichment Support and Teaching*)
Team staffed by IBCLCs: 1987
- 👶 Centralized Milk Prep; 'Mother's Milk Depot': 2009
- 👶 Donor Milk Program: 2012
- 👶 50+ staff trained in 2 day in-house 'Lactation Liaison'
class: 2014-2015
- 👶 Breastfeeding Resource Nurse Master Training: 2016
- 👶 Multidisciplinary staff certified or working toward
CLC and IBCLC certification

Where We Started

- 👶 Eager to work in partnership with FPQC and change culture in our NICU
- 👶 Formed vibrant interdisciplinary taskforce, including ‘in-house’ birth hospital staff & lactation services

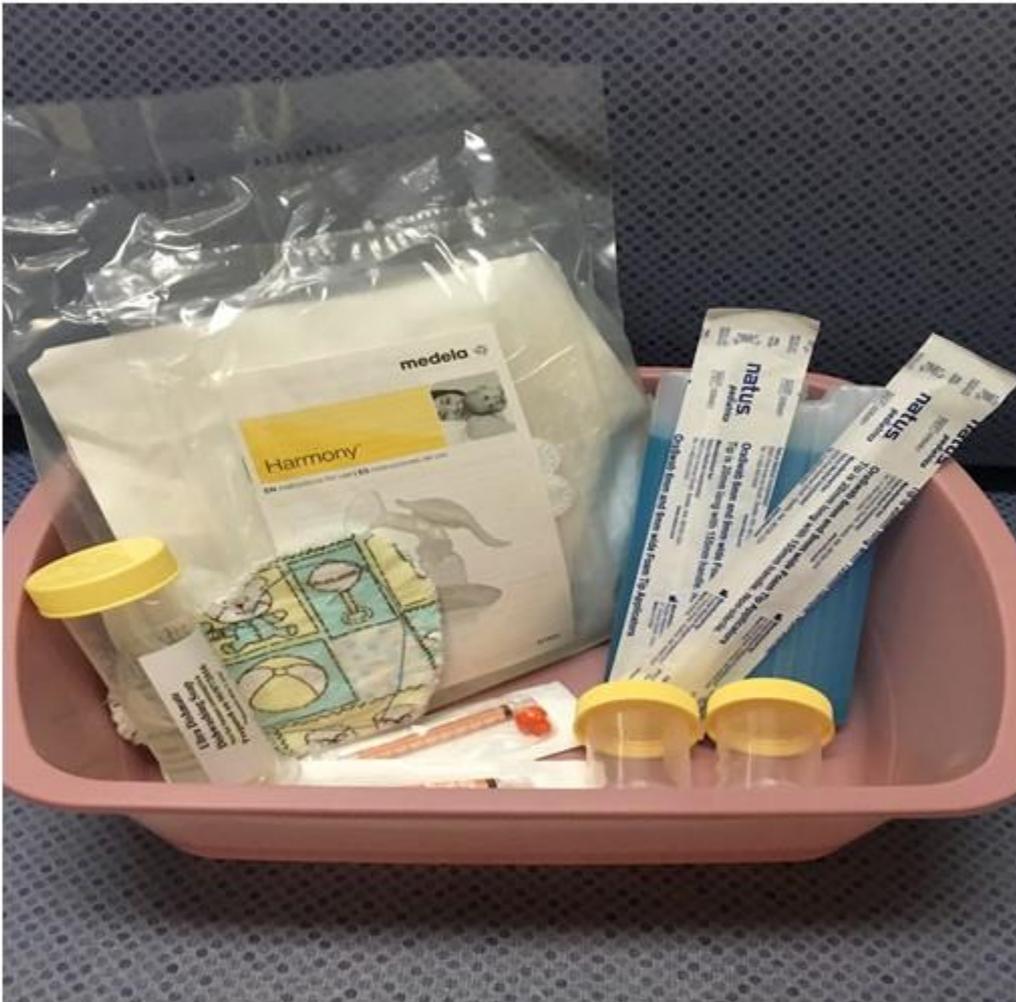
Where We Started

- 👶 Analyzed current processes
- 👶 No standardized process for:
 - 👶 Bedside conversation by interdisciplinary team
 - 👶 Collaboration /communication with referral/birth hospitals
 - 👶 Documentation
 - 👶 Prenatal and post natal education for staff and mothers
- 👶 Practice Guidelines in need of revision, creation, implementation

What We've Achieved

- 👶 Standardized script and prenatal consult form
- 👶 JHACH / Bayfront Baby Place collaboration
- 👶 MOM Bundle
- 👶 MOM Booklet: *'Your Milk is Best Medicine'*
- 👶 Bedside Nursing / ARNP / SN Checklist
- 👶 Standardized Documentation in EMR (in process)
- 👶 Revised existing and developed new guidelines:
 - 👶 KMC
 - 👶 NNB
 - 👶 Test Weights
 - 👶 Oral Care
 - 👶 Discharge Feeding Guidelines

MOM Bundle – Breastfeeding Kit



MOM Bundle

- Hand pump
- Oral Syringes
- Oral Swabs
- Cooler packs
- Colostrum bottles
- Scent cloth
- Pumping log
- Cooler bag
- MOM flyer

Stork Nurse/Bedside/ARNP Checklist

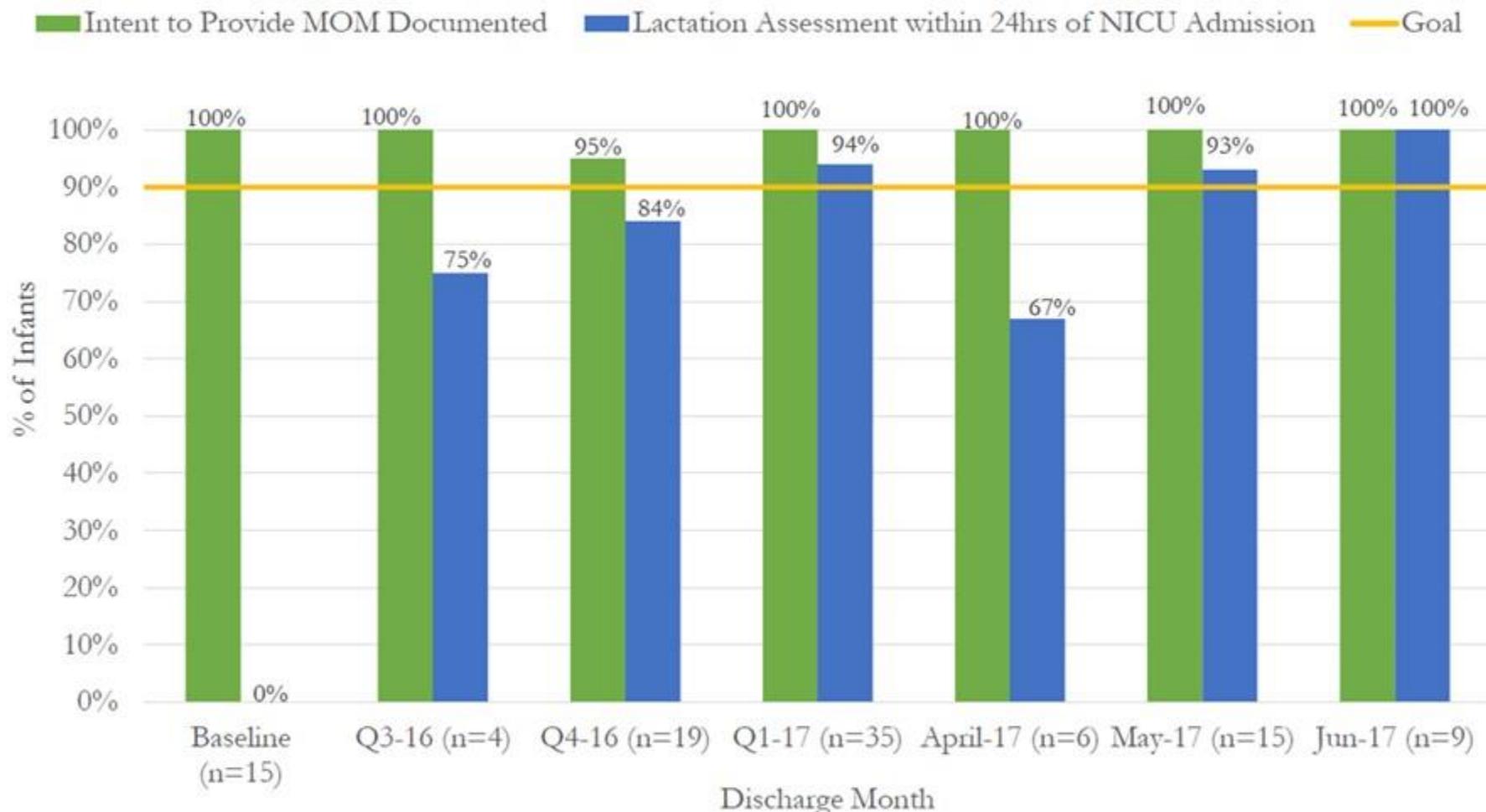
Maternal Education Packet	<input type="checkbox"/>
Hand Expression & Hospital grade breast pump	<input type="checkbox"/>
Timing of Pumping (within 4-6 hours)	<input type="checkbox"/>
Frequency of Pumping - every 2-3 hours (8-10 times/day and at least once at night)	<input type="checkbox"/>
Duration of Pumping (15-20 minutes)	<input type="checkbox"/>
Kangaroo Care (Skin to Skin) Info	<input type="checkbox"/>
Colostrum Collection	<input type="checkbox"/>



What We've Achieved

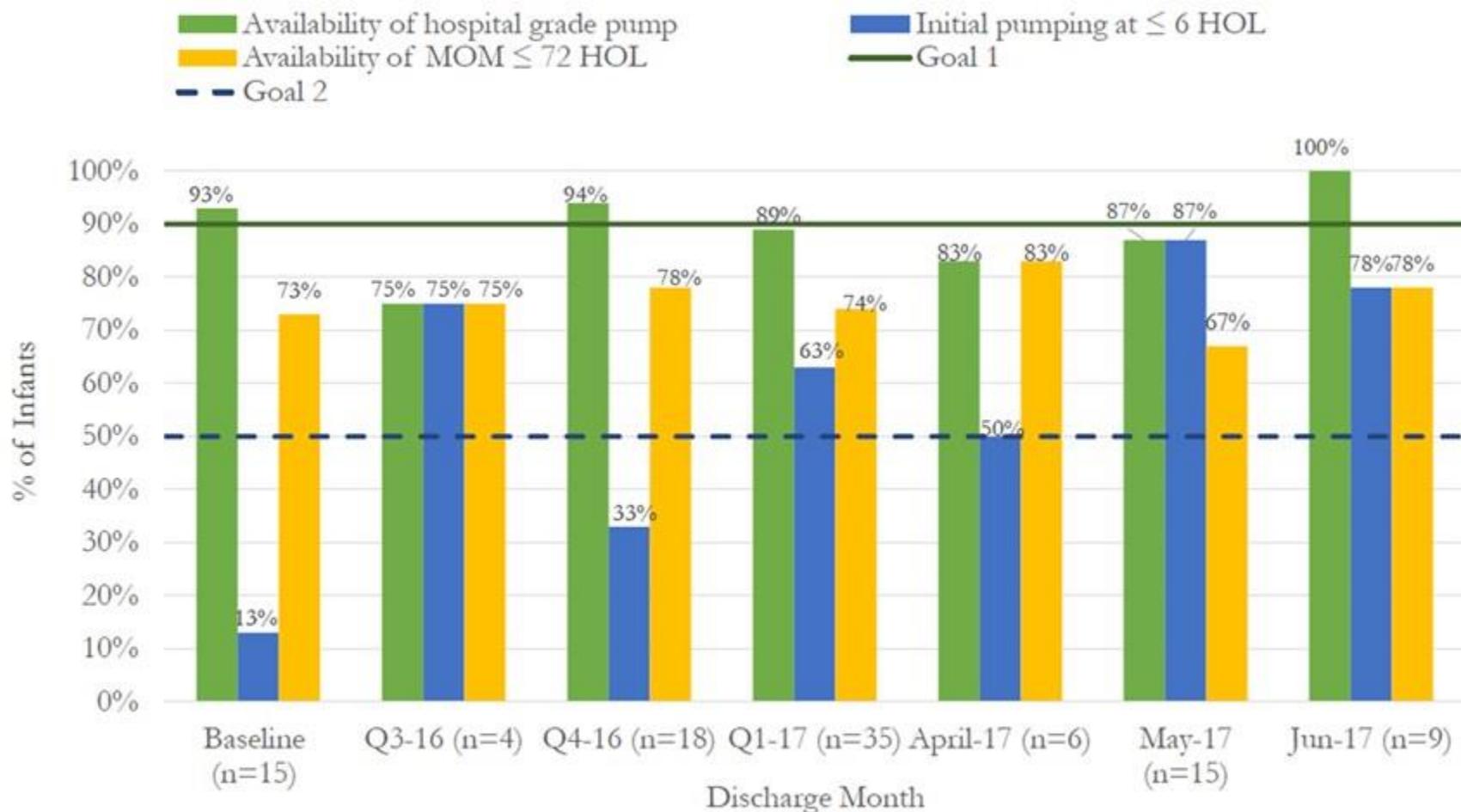
- 👶 Communication plan with outlying hospitals
- 👶 Increased lactation coverage to 7 days a week
- 👶 Redesigned breastfeeding support group (*iPump Club*), utilizing survey from mothers
- 👶 In-house medication resource (*Common Maternal Medications and Breastfeeding*), available for staff members

Fig 1. Intent to provide MOM was documented & Lactation assessment conducted ≤ 24 hours of NICU admission



Denominator: All very low birth weight (VLBW) babies

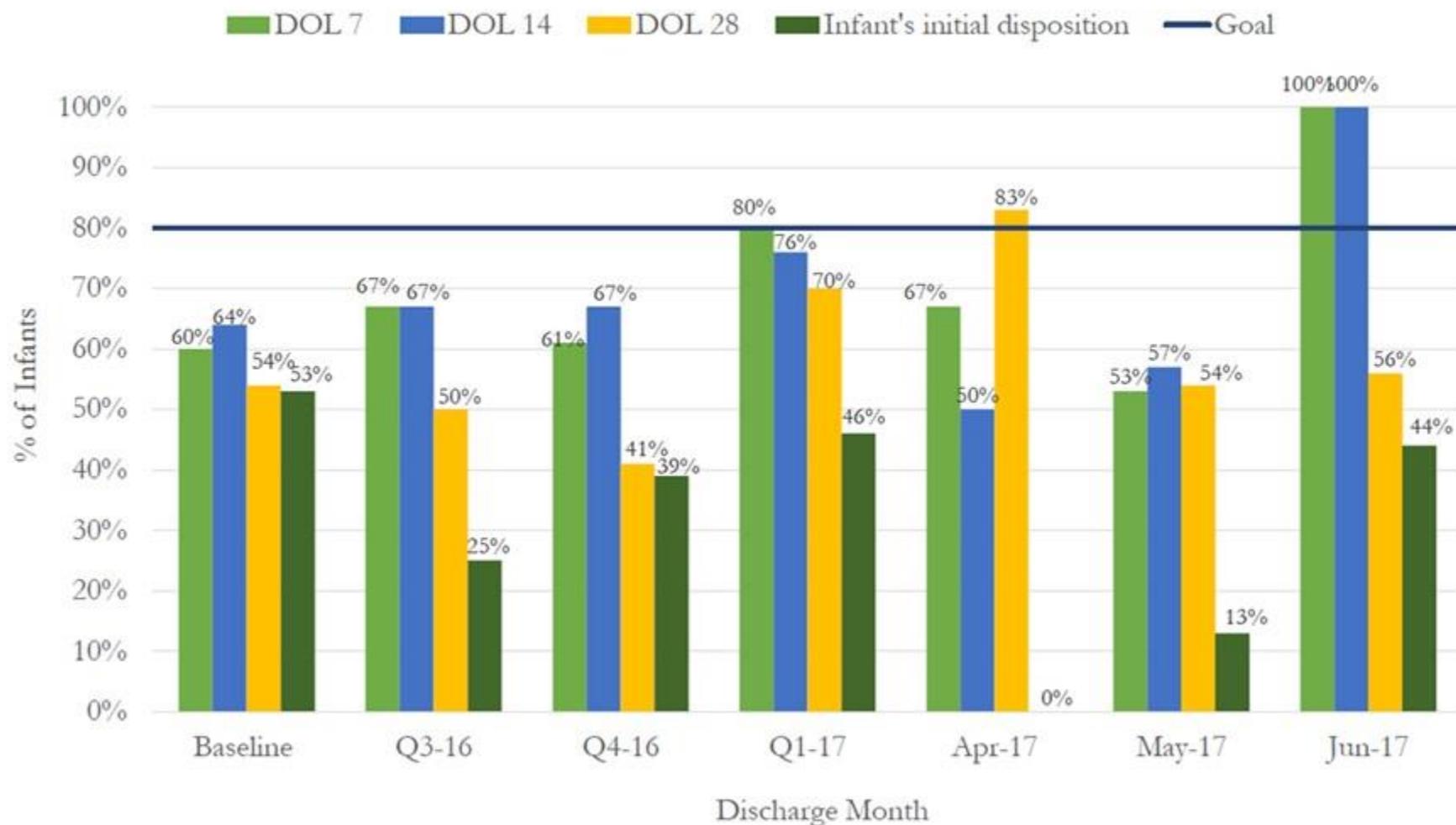
Fig 2. Availability of hospital grade pump at maternal discharge, 1st pumping session \leq 6 HOL, & Availability of MOM \leq 72 HOL



Goal 1: Availability of hospital grade pump; Availability of MOM \leq 72 HOL

Goal 2: Initial pumping at \leq 6 HOL

Fig 5. % of Infants having $\geq 50\%$ of feeding volume comprised of MOM on day 7, 14, 28, & initial disposition



Challenges Still to Tackle

- 👶 Improving maternal milk volumes
- 👶 Improving % of mothers providing >50% MOM at discharge
- 👶 Improving EMR Documentation for NNB
- 👶 Implementing Infant Driven Feeding program (former cue-based feeding program)
- 👶 Empowering and certification of unit RN's and other team members as peer counselors, CLC's, IBCLC's
- 👶 Ongoing collaboration as free standing children's hospital with outlying birth hospitals and community resources



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DISCUSSION AND Q&A

If you have a question, please enter it in the Question box or Raise your hand to be un-muted.

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Questions?

Technical Assistance:

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