

# 24-hour Milk Production Profile

Why and how to use this valuable clinical tool



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# Session outline



- What is a 24-hour milk production profile?
- Original use
- Breastfeeding evidence-based information
- Using as a clinical tool
  - Reasons to use
  - Case studies
- The process

# What is a 24-hour milk production profile?



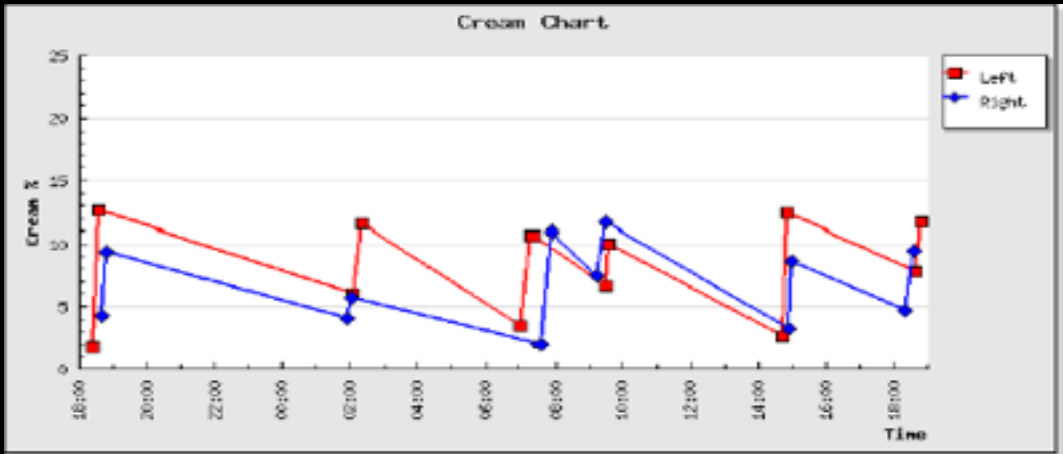
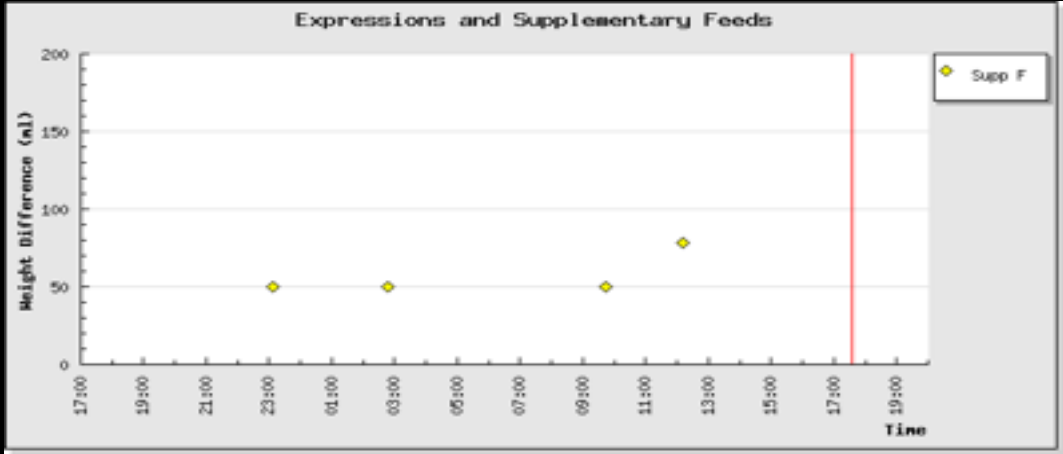
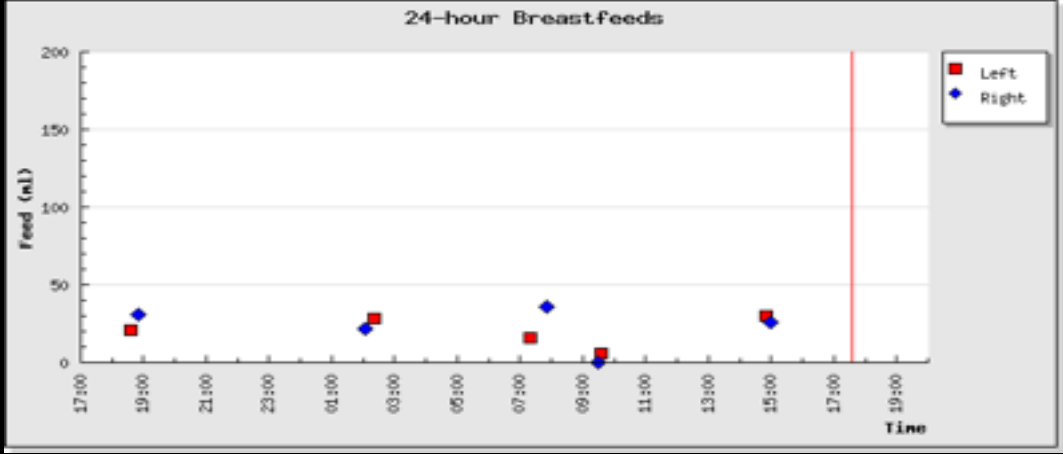
- Mother uses digital scale
  - accurate to 2g
- Weigh baby/milk
  - before and after breastfeeds
  - difference in weight, volume of feed, 1g=1mL
  - expresses and top up feeds
- Record
- Series of consecutive feeds
  - 24-hours



# Originally used



- A research tool
  - Vital for generating evidence based research
- Validated as accurate<sub>Arthur 1987</sub>
  - Measure 24-hour breastmilk production
- With before and after milk samples (1-5mL)
  - Breast storage capacity
  - Available milk
  - % of available milk removed



# Breastfeeding evidence-based information

The normal breastfed baby

# Normal Breastfeeding

Note: The individuality of each dyad must always be considered.

Breastfeeding 7-28 days	Average	Range
<i>Infant age 7-14 days</i>	<i>615mL</i>	<i>485-745mL</i>

Neville 1988



<b>Breastfeeding 1-6 months</b>	<b>Average</b>	<b>Range</b>
<i>Number of breastfeeds</i>	<b>11</b>	<b>6-18</b>
<i>Duration of a breast feed</i>	<b>16</b>	<b>5-37</b>
<i>Duration session* (min)</i>	<b>33</b>	<b>12-67</b>
<i>Storage Capacity (mL)</i>	<b>179</b>	<b>74-382</b>
<i>% of milk removed (mL)</i>	<b>67</b>	<b>43-92</b>
<i>Fat content of milk (g/L)</i>	<b>41</b>	<b>22-62</b>
<i>24-hr Intake breastfeeding (mL)</i>	<b>798</b>	<b>478-1298</b>

#### Session

Kent 2006

- *Feeding from one breast.*
- *Feeding from two breasts if the baby commenced feeding from the second breast within 30 minutes of finishing feeding from the first breast.*
- *A cluster of feeds if the baby feeds again from the first breast within 30 minutes of finishing feeding from the second breast*

## Exclusively Breastfeeding 1 to 6 months

- 30% always have unpaired breastfeeds
- 13% always have paired breastfeeds
- Mostly, sometimes have unpaired, sometimes have paired breastfeeds
- Individual breastfeeds can range from 0 - 240mL



# Exclusively Breastfeeding 1 to 6 months

- 70% right produces more
- Storage capacity:  
mother's breast anatomy  
and infant's appetite
- Babies don't usually  
completely drain the  
breast each feed
  - Average - 67% of the milk available  
in the breast
  - Once a day the breast is drained



# Exclusively Breastfeeding 1 to 6 months

- Fat content: low full breast, high drained breast
  - The baby gets enough fat: many small feeds or few large feeds
- Most babies feed at night, even up to 6 months old
- A wide range in normal breastfeeding behaviour



# Exclusively Breastfeeding 1 to 6 months

- Average 11 breasts a day (range 6-18)
  - 8 sessions/day (4-13)
  - Amount from 1 breast 75mL (30-135mL)
  - 101mL session (54-234mL)
- Night feeds largest (20% total)
- Rate of milk synthesis relates to degree of fullness
- Time taken 12-67 min
  - Not related to volume
- Time to next feed not related to volume of previous feed



# Clinical use

24-hour Milk Production Profile  
(not collecting milk samples)

# The Normal Breastfeeding Relationship

- Provides a comfortable and satisfying nurturing experience for both the mother and her baby
- Enables optimal growth and development of baby
- Provides innate immune protection for the baby during the breastfeeding period
- Facilitates mutually beneficial physical, cognitive and emotional interaction for mother and baby

# The Four Key Domains

## Pain/Discomfort

- Provides a comfortable and satisfying nurturing experience for both the mother and her baby

## Milk Supply

- Enables optimal growth and development of baby

## Baby's Health

- Provides innate immune protection for the baby during the breastfeeding period

## Maternal Concerns

- Facilitates mutually beneficial physical, cognitive and emotional interaction for mother and baby



- Diagnose
- Manage
- Monitor
- Reassure

<b>Breastfeeding 1-6 months</b>	<b>Average</b>	<b>Range</b>
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- *Feeding from one breast.*
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# Information gained



- Frequency of feeds
- Duration of feeds
- Amount taken each feed (mL)
- Milk production each breast (mL)

# Why use?

- Low milk supply
  - not knowing - self reported reason stop breastfeeding. Li 2008
- Health professionals
  - supply accurate breastfeeding information. Hegney 2008
- Mothers and lactation consultants
  - cannot accurately estimate milk intake by observation. Meier 1998



# Breastfeeding problems

Commonly:

Problem orientated  
response:

- Wait and see
- Weight drops
- Bilirubin levels rise
- Mother insists

Time sensitive  
intervention:

Prevention is better than  
cure

- Doesn't further  
compromise the baby
- Helps ensure optimal  
milk supply

# Provides accurate clinical information for the LC



- A true assessment of intake from the breast
- A true assessment of maternal milk supply

*If appropriate:*

- Volume expressed
- Intake of EBM/formula

And its easy to perform

# 4 key breastfeeding elements

- Maternal concerns
- Milk supply
- Baby
- Pain/discomfort

# Maternal Concerns



- Anxious, poor past experience
- “Difficult feeder” baby pulling off and refusing to feed – in fact a quick feed



# Diagnosing – milk supply or baby



- Teasing out origin of problem
  - Infant difficulty eg: tongue tie, large nipples
  - Maternal difficulty eg: low/over supply
- Low supply
- Oversupply

# Management – milk supply



- Nipple shield (friend or foe)
  - Is feed more effective with or without
- Supplementary Nursing System
  - Stimulating supply or is pump better
- Supplementary top ups
  - Saves on over topping up < breastmilk intake

# Management – transition/pain



- Transition to full breastfeeding
  - Determine effective feeds/ dropping express sessions
  - Middle of the night feeds
- Nipple pain
  - Reduce breastfeeding time for maternal comfort

# Monitoring



- **Galactagogue use**
  - Before commencing
  - Again when medicated
  - Also weaning down off
- **Nipple shield use**
  - Start trying feeds without to assess the effectiveness of feeds
- **“slow to start” baby**
  - Jaundice, difficult birth, unexplained ineffective feeder

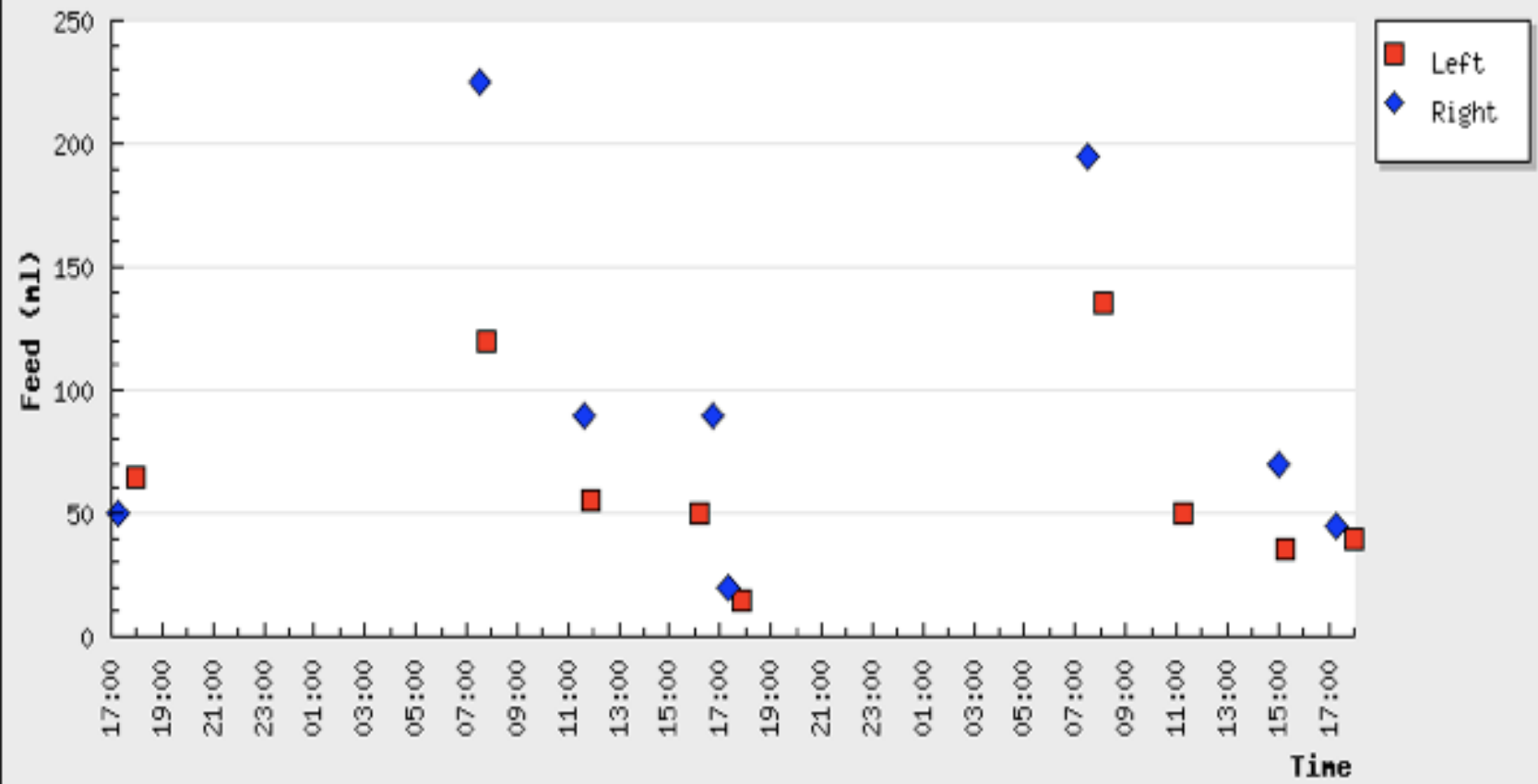
Examples

# Maternal concerns



Case Presentation:  
Worried mother, thought her baby was not feeding  
enough times a day: unusual pattern

24 Hr Feeds Chart





# Milk supply/baby



## Case Presentation:

- Healthy term boy
- Presented day 16
  - “fussing” at feeds
  - Extended time between feeds
- Giving EBM
  - Worried “nipple confusion”
- Previously successfully breastfed



# Assessment



- 143g below birthweight
- Oral cavity appeared normal
- Mother - no pain
- Breastfeed
  - Appeared non nutritive sucking
- Test weigh R 8mL, L 4mL
- Post feed express 60mL
  - EBM fed via teat (suction required)

## 24-hour milk production profile

No. of breastfeeds, 11 (6-18)	14
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### *Duration of breastfeeding, min 16 (5-37)*

left	12
------	----

<i>right</i>	<b>14</b>
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Average volume of a breastfeed, mL 75 (30-135)	
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<i>left</i>	<b>4</b>
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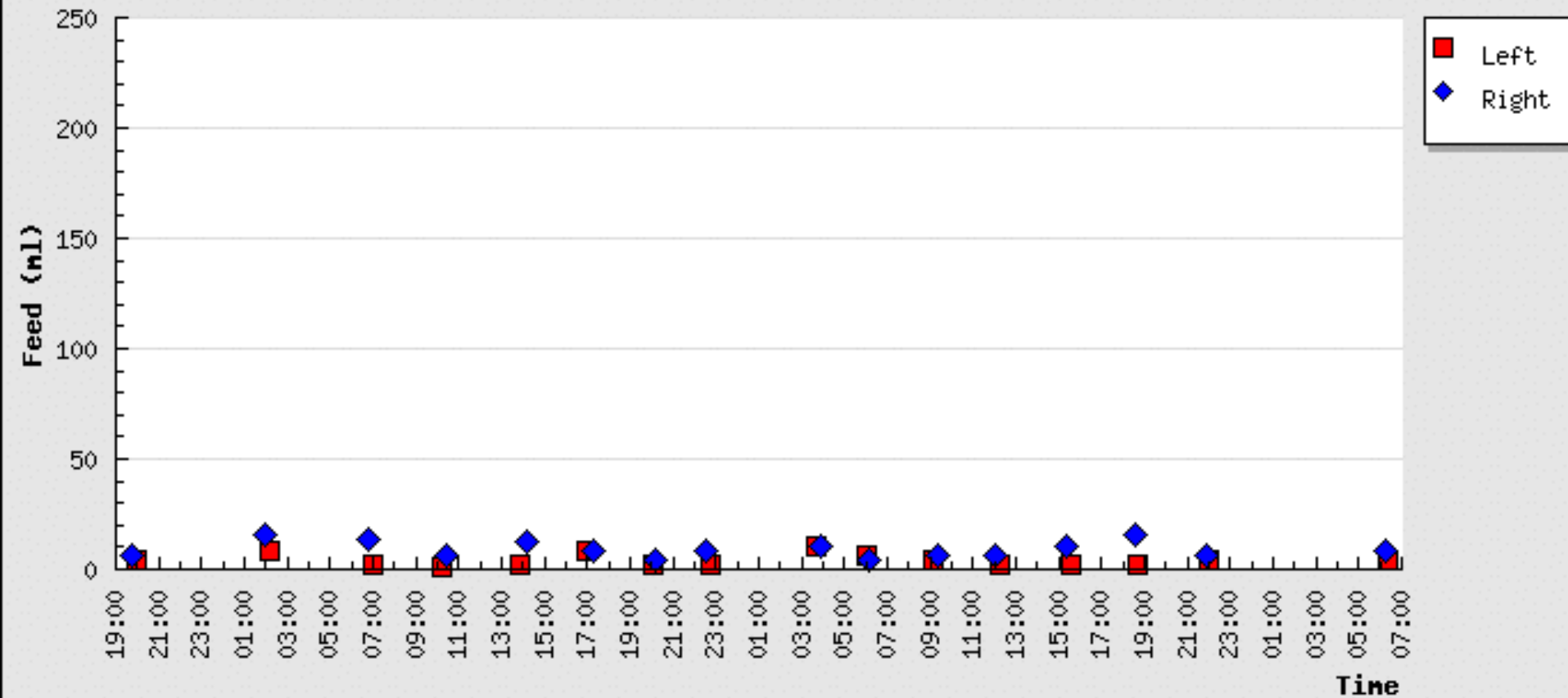
right	10
-------	----

<b>Total breastfeed, mL/24h 798 (478-1298)</b>	<b>78</b>
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Total expressed and bottle fed, mL	272
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<b>Total intake, mL</b>	<b>350</b>
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### 24 Hr Feeds Chart



# 24 hour Milk Production Profile Interpretation



- Poor milk transfer by infant
- Diminished maternal milk supply
- Ongoing plan
- Continue expressing 6-8/day
- Top up after breastfeeds
- Domperidone 20mg/8 hourly

# Over following 2 weeks



- Milk supply dramatically improved
- Infant weight gain (382g/week)
- ? infant transfer problem
- Perform 2<sup>nd</sup> 24-hour milk production profile
  - Reassess milk production
  - Infant transfer rate

## 24-hour milk production profile

Infant age, weeks	2.5	6
No. of breastfeeds, 11 (6-18)	14	12
<i>Duration of breastfeeding, min 16 (5-37)</i>		
left	12	6
<i>right</i>	<b>14</b>	<b>9</b>
Average volume of a breastfeed, mL 75 (30-135)		
<i>left</i>	<b>4</b>	<b>7</b>
right	10	23
<i>Total breastfeed, mL/24h 798 (478-1298)</i>	<b>78</b>	<b>190</b>
Total expressed and bottle fed, mL	272	1064
<i>Total intake, mL</i>	<b>350</b>	<b>1254</b>

# 2<sup>nd</sup> 24-hour Milk Production Profile



- Maternal milk supply recovered
- Infant 24 hour intake
  - Confirmed infant related “problem”
- Mother ready to give up breastfeeding (bottle expressed milk)
- Where to from here?



# Tongue tie



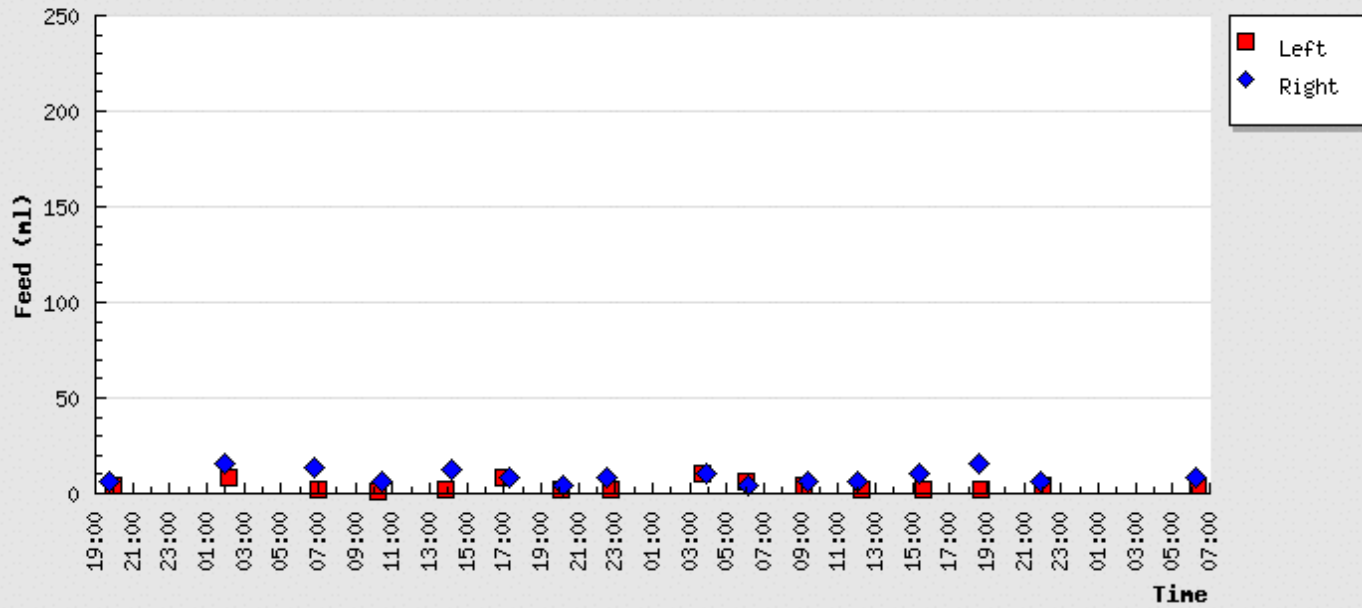
- Congenital developmental variant
- Sublingual frenulum, short, thick or tight
- Limits tongue mobility
- Sometimes no abnormality seen
- 1-10% incidence



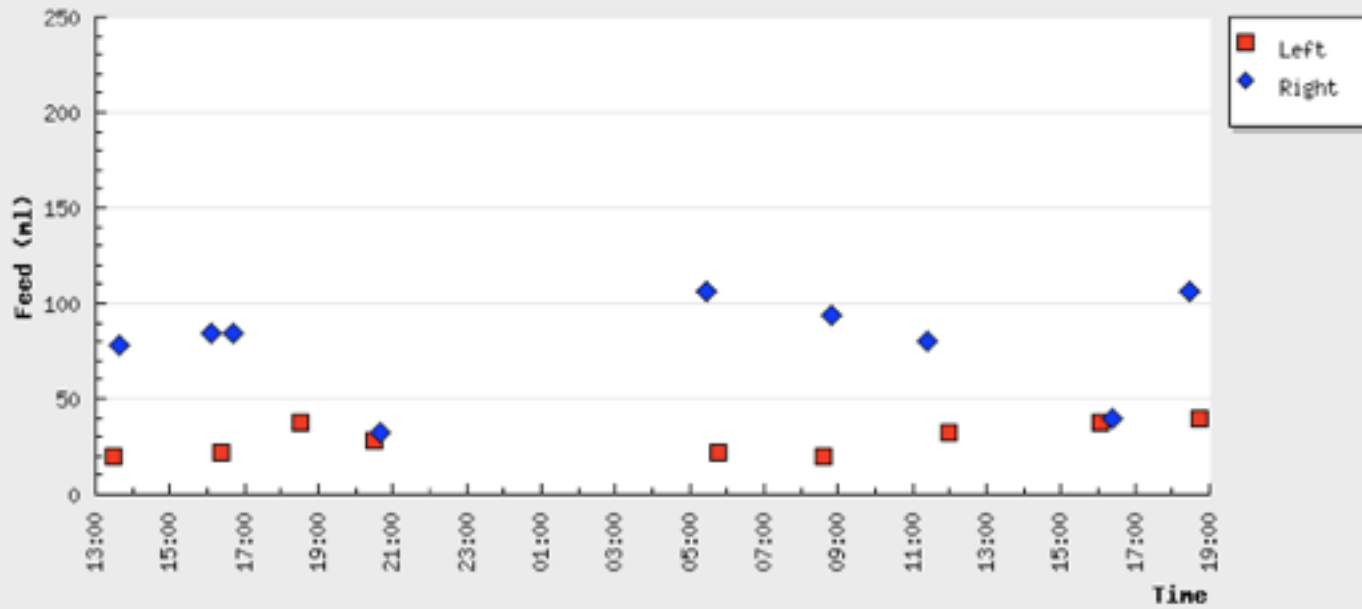
## 24-hour milk production profile

<b>Infant age, weeks</b>	<b>2.5</b>	<b>6</b>	<b>7.5</b>
No. of breastfeeds, 11 (6-18)	14	12	14
<b><i>Duration of breastfeeding, min 16 (5-37)</i></b>			
left	12	6	12
<b><i>right</i></b>	<b>14</b>	<b>9</b>	<b>19</b>
<b>Average volume of a breastfeed, mL 75 (30-135)</b>			
<b><i>left</i></b>	<b>4</b>	<b>7</b>	<b>26</b>
right	10	23	80
<b><i>Total breastfeed, mL/24h 798 (478-1298)</i></b>	<b>78</b>	<b>190</b>	<b>810</b>
Total expressed and bottle fed, mL	272	1064	78
<b><i>Total intake, mL</i></b>	<b>350</b>	<b>1254</b>	<b>888</b>

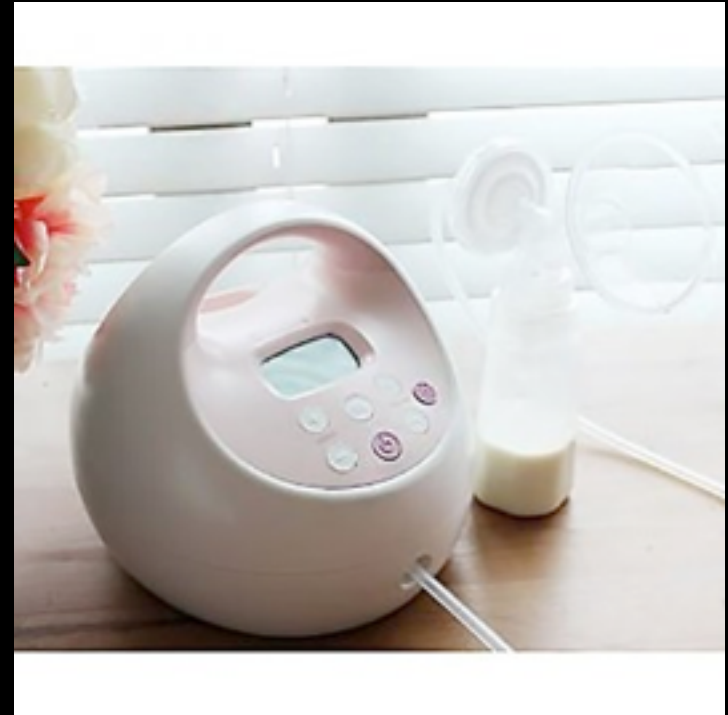
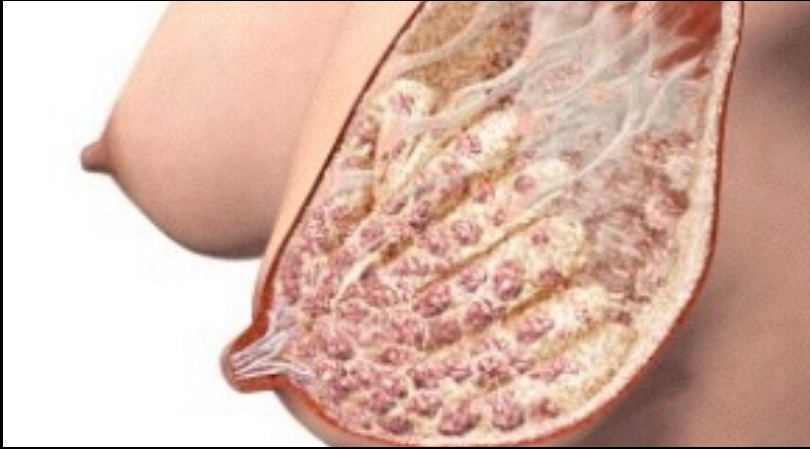
24 Hr Feeds Chart



24 Hr Feeds Chart



# Milk supply management



## Case Presentation

Really wanted to BF, antenatal visit, anxious

Low supply with first baby: could only produce  $\frac{1}{2}$  baby's needs

Plan:

Early intervention and rigorous expressing regime to stimulate good milk supply. First 2 weeks important

## 24-hour milk production profile

**Infant age** *14 days*

No. of breastfeeds, 11 (6-18) 16

***Duration of breastfeeding, min 16 (5-37)***

left and right 11

***Average volume of a breastfeed, mL 75 (30-135)***

left 26

***right*** 33

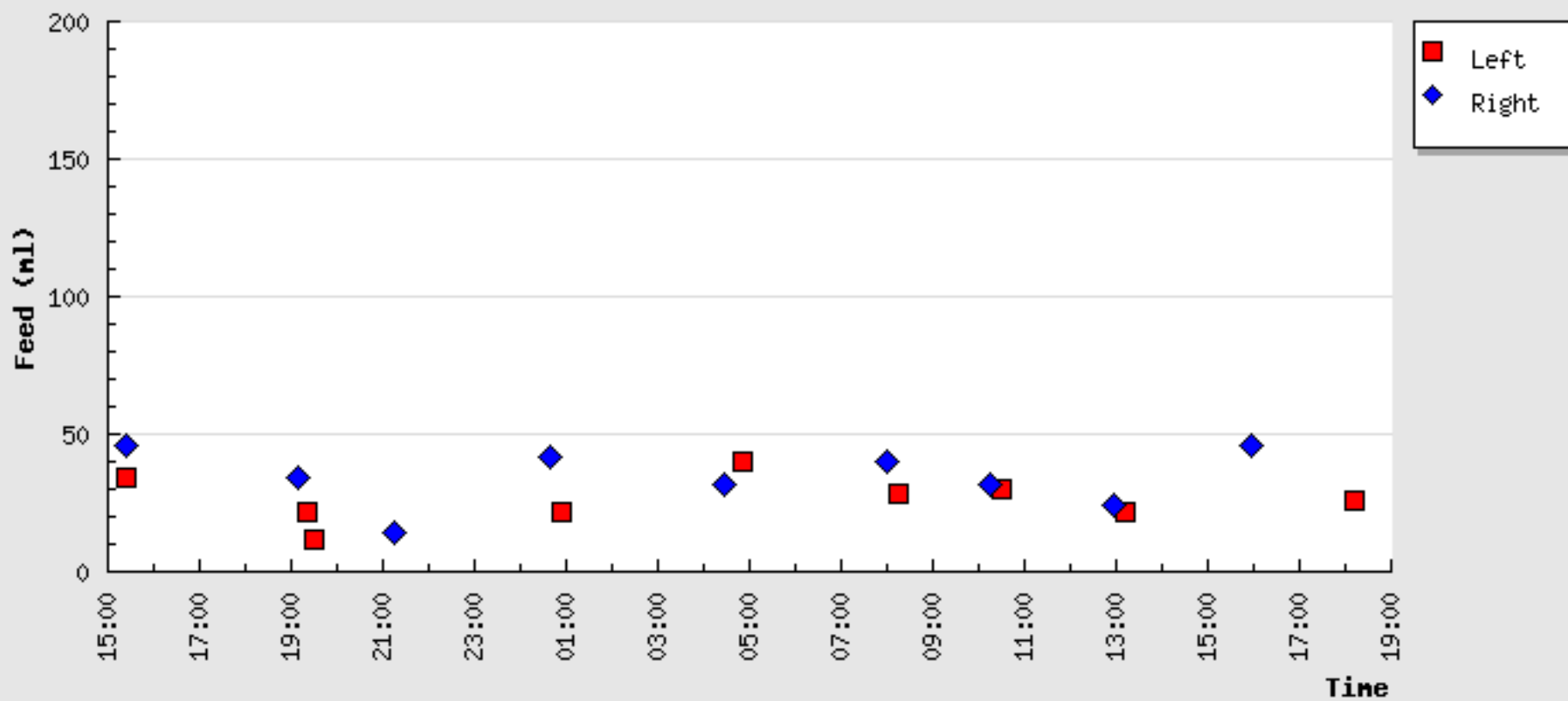
Total breastfeed, mL/24h 614mL (485-675) 474

***Total expressed and bottle fed, mL*** *170 EBM*  
*30 formula*

Total intake, mL 674

***Total milk produced breastfeeding and expressing*** *634*

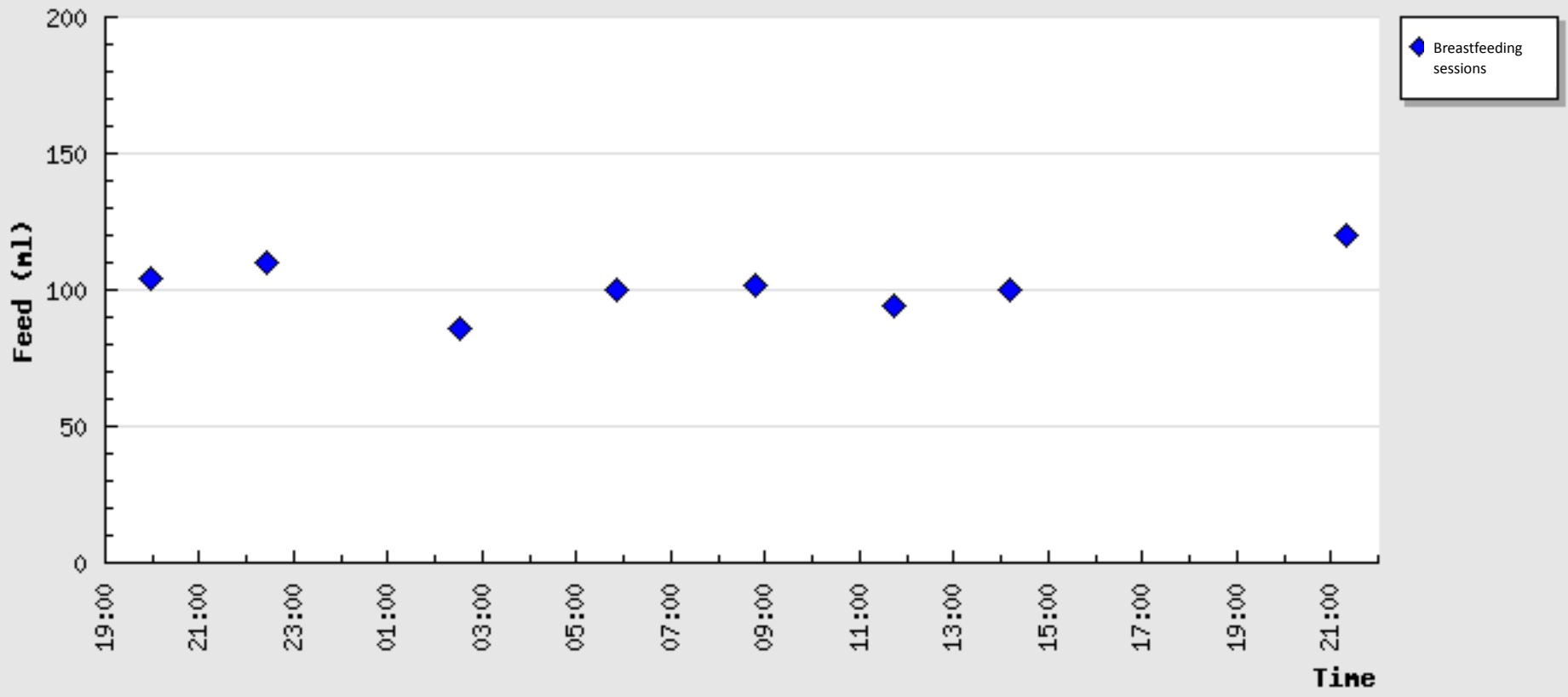
### 24 Hr Feeds Chart



## 24-hour milk production profile

Infant age	2 weeks	4 weeks	
No. of breastfeeds, 11 (6-18)	16	14	
<b><i>Duration of breastfeeding, min 16 (5-37)</i></b>			
left and right	11	18 L&R	
<b><i>Average volume of a breastfeed, mL 75 (30-135)</i></b>			
left	26	99 L&R	
<b><i>right</i></b>	<b>33</b>		
Total breastfeed, mL/24h 614mL (485-675)	474	696	798 (478-1298)
<b><i>Total expressed and bottle fed, mL</i></b>	<b><i>170 EBM</i></b> <b><i>30 formula</i></b>	-	
Total intake, mL	674	696	
<b><i>Total milk produced breastfeeding and expressing</i></b>	<b>634</b>	<b>696</b>	

### 24 Hr Feeds Chart



# Maternal concern, milk supply and baby

## Case presentation

- Week 3 baby had lost weight
- Mo. stated *NO* confidence

## Plan

- Firstly feed baby and build supply
- 24-hour milk production profile to assess
- Rebuild confidence

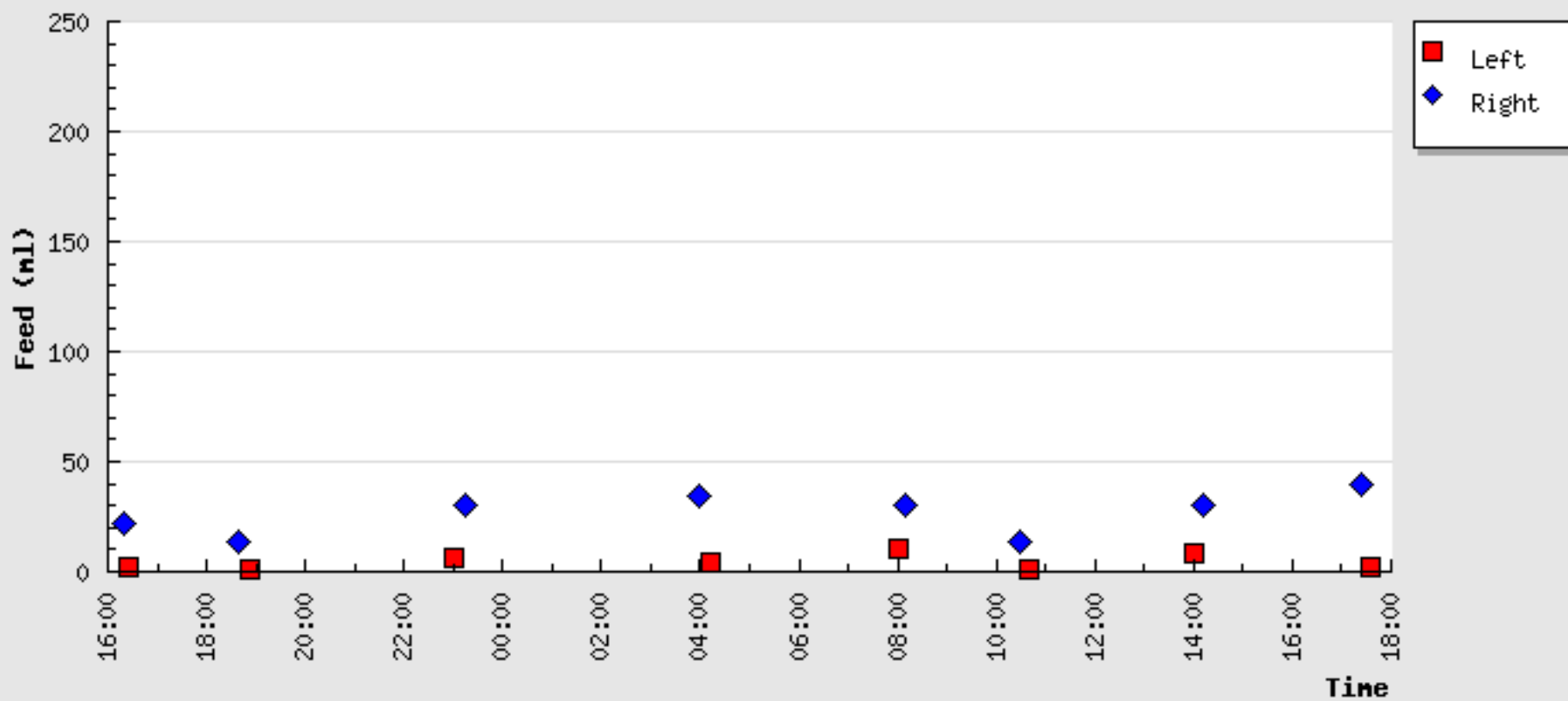




## 24-hour milk production profile

Infant age	3 weeks	
No. of breastfeeds, 11 (6-18)	14	
<i>Duration of breastfeeding, min 16 (5-37)</i>		
left and right	10 & 16	
<i>Average volume of a breastfeed, mL 75 (30-135)</i>		
left	5	
<i>right</i>	25	
Total breastfeed, mL/24h 614mL (485-675)	206	
<i>Total expressed and bottle fed, mL</i>	<i>212 EBM</i> <i>174 formula</i>	
Total intake, mL	592	
<i>Total milk produced breastfeeding and expressing</i>	<i>452</i>	

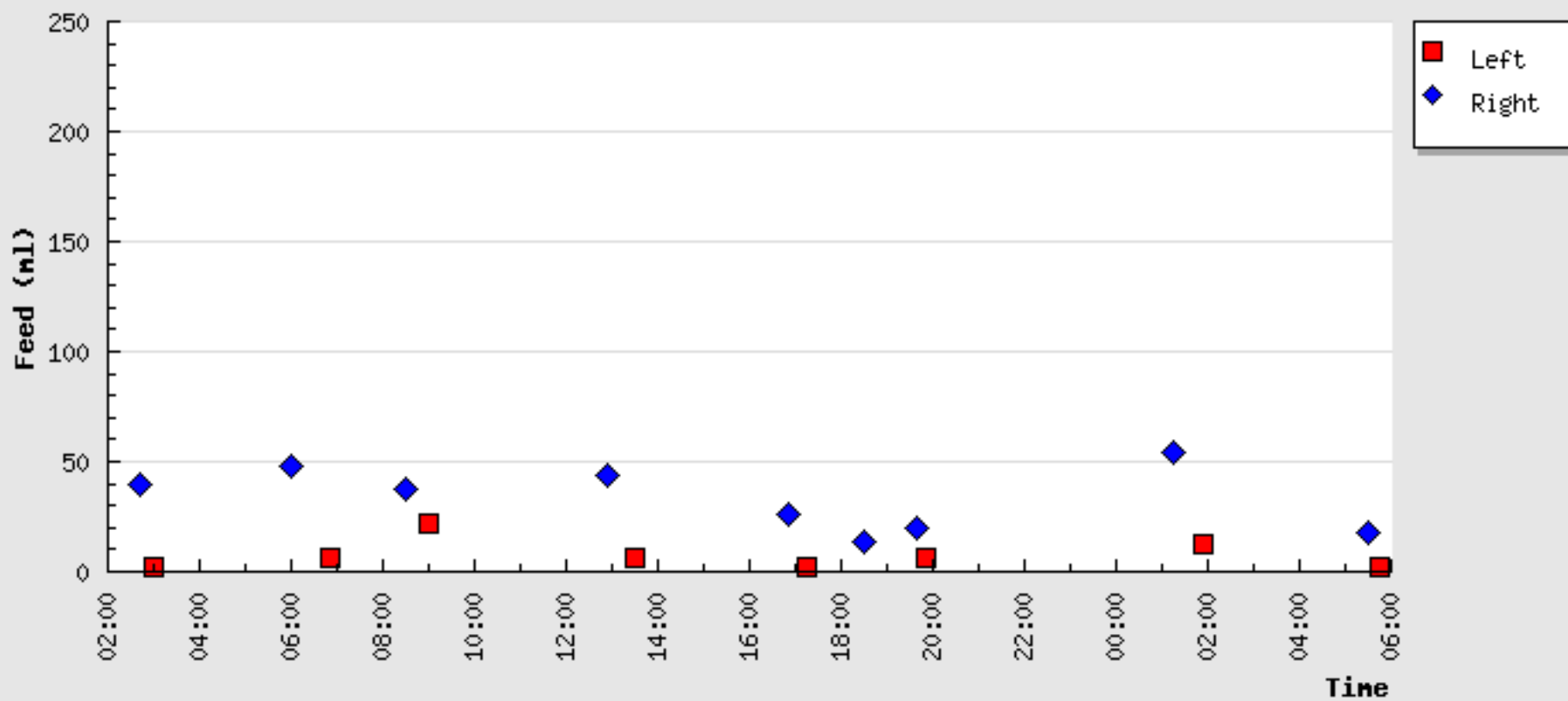
### 24 Hr Feeds Chart



## 24-hour milk production profile

Infant age	3 weeks	6 weeks	
No. of breastfeeds, 11 (6-18)	14	<ul style="list-style-type: none"> <li>Mum not convinced frenotomy would help</li> <li>Continued like this for several weeks</li> </ul>	
<b><i>Duration of breastfeeding, min 16 (5-37)</i></b>			
left and right	10 & 1		
<b><i>Average volume of a breastfeed, mL 75 (30-135)</i></b>			
left	5	8	
<b><i>right</i></b>	<b>25</b>	<b>36</b>	
Total breastfeed, mL/24h 614mL (485-675)	206	340	798 (478-1298)
<b><i>Total expressed and bottle fed, mL</i></b>	<b>212EBM 174 formula</b>	<b>192</b>	
Total intake, mL	592	532	
<b><i>Total milk produced breastfeeding and expressing</i></b>	<b>452</b>	<b>962</b>	

### 24 Hr Feeds Chart



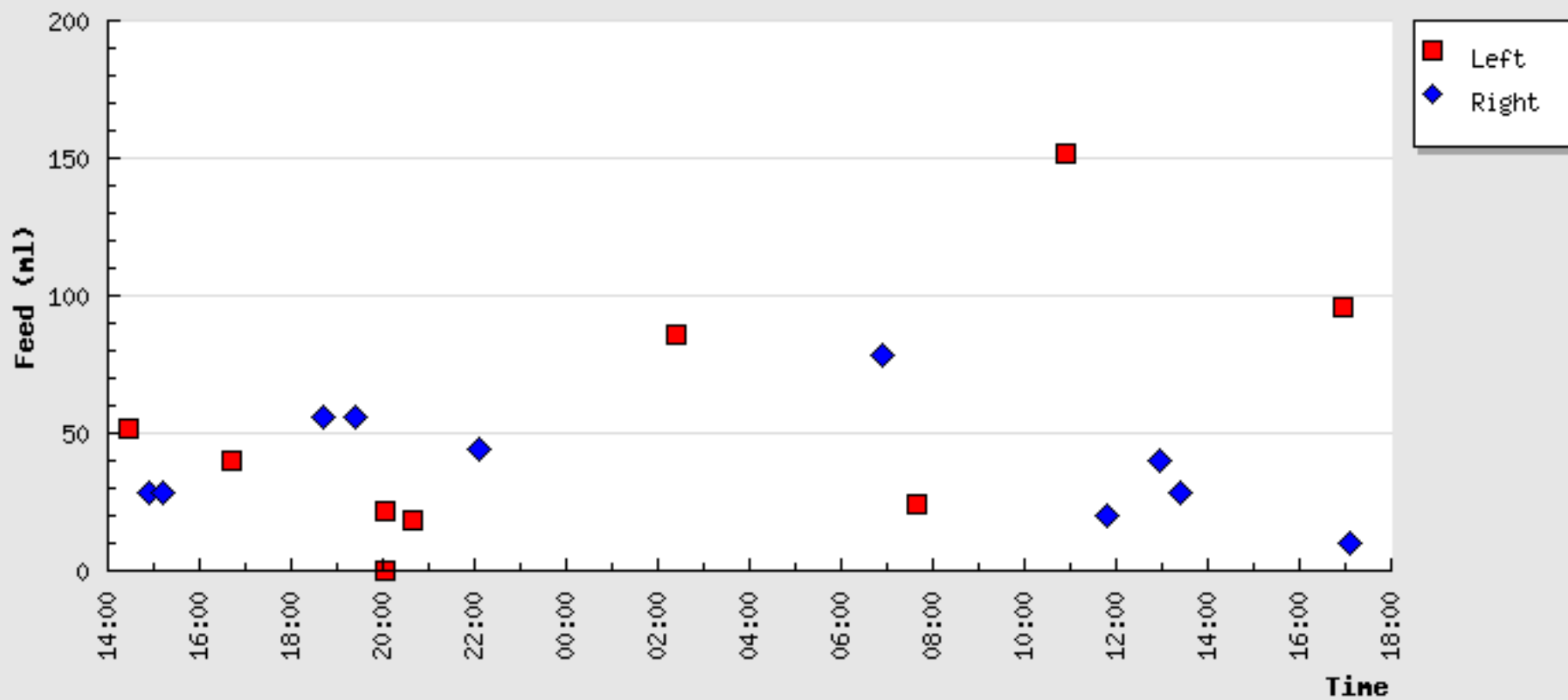
- At 8 weeks had frenotomy - some improvement
- Mo. Requested 2<sup>nd</sup> frenotomy
  - She was now convinced it would make a difference
- 2 weeks later full breastfeeding



## 24-hour milk production profile

Infant age	3 weeks	6 weeks	10 weeks
No. of breastfeeds, 11 (6-18)	14	15	19
<b><i>Duration of breastfeeding, min 16 (5-37)</i></b>			
left and right	10 & 16	12 & 15	
<b><i>Average volume of a breastfeed, mL 75 (30-135)</i></b>			
left	5	8	54
<b><i>right</i></b>	<b>25</b>	<b>36</b>	<b>39</b>
Total breastfeed, mL/24h 798 (478-1298)	206	340	878
<b><i>Total expressed and bottle fed, mL</i></b>	<b>212 EBM</b> <b>174 formula</b>	<b>192</b>	<b>0</b>
Total intake, mL	592	532	878
<b><i>Total milk produced breastfeeding and expressing</i></b>	<b>452</b>	<b>962</b>	<b>878</b>

### 24 Hr Feeds Chart



# Milk supply management

## Case presentation

- Baby not gaining weight
- No expressing

## Plan

- Commence expressing
- Double expressing, old equipment
- Then improved pump system





## 24-hour milk production profile

*No. of breastfeeds, 11 (6-18)*

**12**

Duration of breastfeeding, min 16 (5-37)

*left*

**16**

right

**23**

*Average volume of a breastfeed, mL 75 (30-135)*

left

**54**

*right*

**36**

Total breastfeed, mL/24h 798 (478-1298)

**536**

*Total expressed and bottle fed, mL*

**60 EBM**

**290**

Total intake, mL

**886**

*Total Milk produced by breasts*

**540**

## 24-hour milk production profile

<b><i>No. of breastfeeds, 11 (6-18)</i></b>	<b><i>12</i></b>	<b><i>20</i></b>
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Duration of breastfeeding, min 16 (5-37)

<b><i>left</i></b>	<b><i>16</i></b>	<b><i>13</i></b>
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right	23	18
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***Average volume of a breastfeed, mL 75 (30-135)***

left	54	25
------	----	----

<b><i>right</i></b>	<b><i>36</i></b>	<b><i>38</i></b>
---------------------	------------------	------------------

Total breastfeed, mL/24h 798 (478-1298)	536	634
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<b><i>Total expressed and bottle fed, mL</i></b>	<b><i>60 EBM</i></b>	<b><i>100 EBM</i></b>
	<b><i>290 Form</i></b>	

Total intake, mL	886	834
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<b><i>Total Milk produced by breasts</i></b>	<b><i>540</i></b>	<b><i>708</i></b>
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# Monitoring

## Case presentation

- 6 week old baby at times would not breastfeed unless using a nipple shield
- Mother was concerned – had only read “bad press” re nipple shield.





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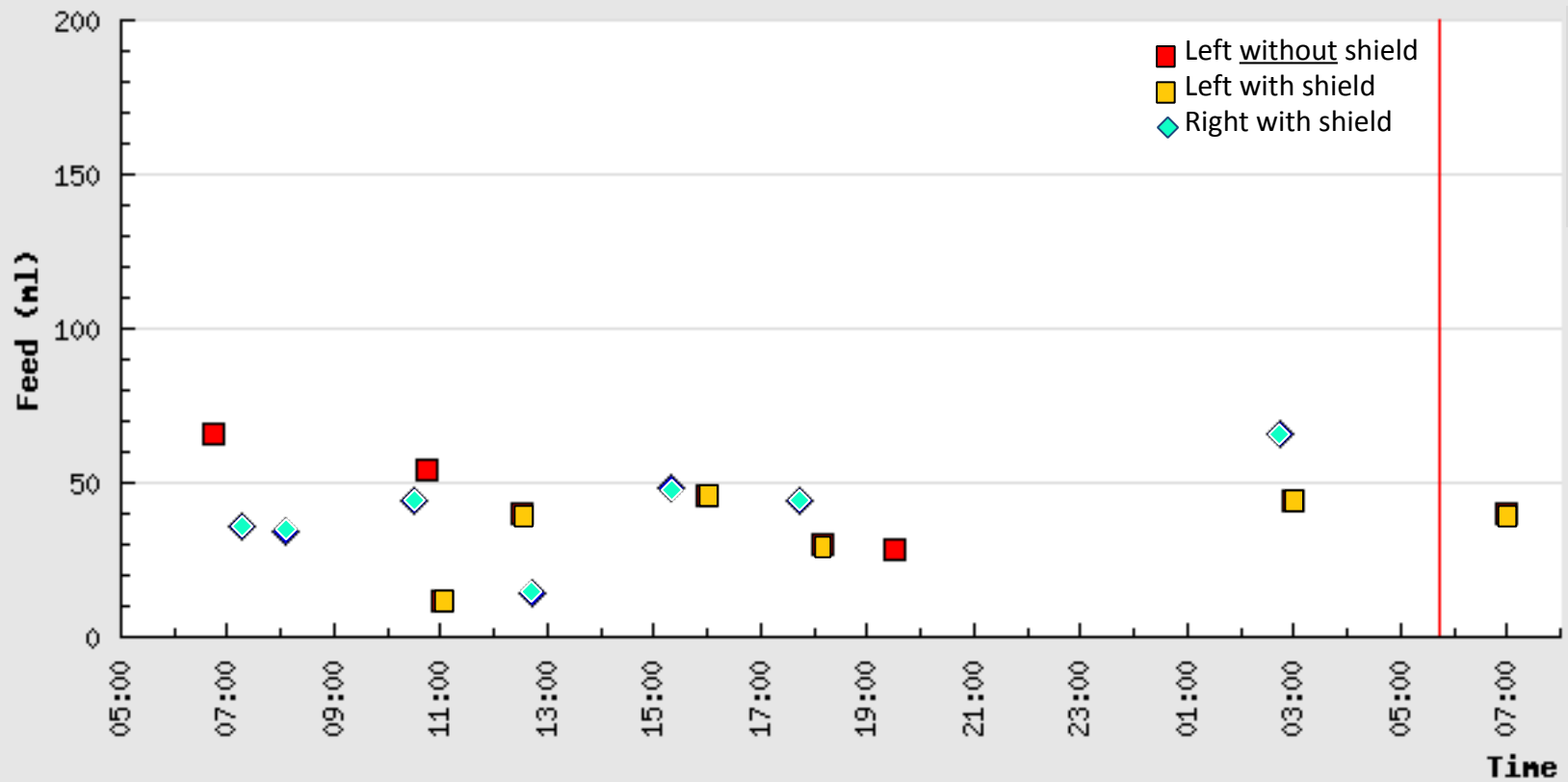
CRICOS Provider Code: 001250

Delivery Ground Fir (Goods Receipt), Bayliss  
Building, Entry No. 4, Fairway, Nedlands

### CG-S 24-h Milk Profile - 06 March 2011

		Population	
		Average	Range
<b>Number of Breastfeeds</b>			
Left	8		
Right	7	11	6 - 18
<b>Total</b>	<b>15</b>		
<b>Average Breastfeed (ml)</b>			
Left	40		
Right	41	75	30 - 135
<b>Average Breastfeed Duration (min)</b>			
Left	16		
Right	17	16	5 - 37
<b>24-h Production (mL)</b>			
Left	378		
Right	311	798	478 - 1298
<b>Total</b>	<b>689</b>		
<b>24-h Milk Intake Breastfeeding (mL)</b>			
Left	320		
Right	286		
<b>Total</b>	<b>606</b>	<b>798</b>	<b>478 - 1298</b>
<b>Total Milk Intake - Breastfeeding and Supplementary Feeds (mL)</b>			<b>606</b>
<b>Total Milk Produced by Breasts - Breastfeeding and Expressions (mL)</b>			<b>606</b>

## 24-hour Breastfeeds



**Notes on nipple shield use:**

Left breast 4 feeds without the nipple shield total: 214 mL

Left breast 5 feeds with the nipple shield total: 172 mL

Right breast 7 feeds with the nipple shield total: 286 mL

Biggest feeds in 24 hours 66mL: 2 with the nipple shield, 1 without

**Summary:** if your baby is more comfortable using the shield at feeds there appears to be no reason to not use it as she can get good quantities of milk when using it.

As you can see by your results she is getting a good total volume of milk with lots of frequent feeds.

# Baby/ milk supply monitoring

- Seen by LC, who suggested expressing and topping up: mo. wanted 2<sup>nd</sup> opinion
  - She felt baby should just BF
  - PH anxiety
  - Felt stressed after LC visit
- No tongue tie
- No other reason found
- “slow to start” baby
- I agreed with 1<sup>st</sup> LC
- Hired double pump
- Hired scales

## 24-hour milk production profile

Infant age *2.5 weeks*

No. of breastfeeds, 11 (6-18) 15

*Duration of breastfeeding, min 16 (5-37)* 30

left and right

*Average volume of a breastfeed, mL 75 (30-135)*

left 4

*right* 27

Total breastfeed, mL/24h 798 (478-1298) 244

*EBM top up, mL* 412

Total intake, mL 656

*Total milk produced breastfeeding and expressing* 676



# Monitoring

- 1<sup>st</sup> 24 hour milk production mo.
  - Evidence 1<sup>st</sup> LC - good advice



## 24-hour milk production profile

Infant age	2.5 weeks	4.5 weeks	
No. of breastfeeds, 11 (6-18)	15	11	
<b><i>Duration of breastfeeding, min 16 (5-37)</i></b>	<b>30</b>	<b>20</b>	
left and right			
<b><i>Average volume of a breastfeed, mL 75 (30-135)</i></b>			
left	4	21	
<b><i>right</i></b>	<b>27</b>	<b>49</b>	
Total breastfeed, mL/24h 798 (478-1298)	244	398	
<b><i>EBM top up, mL</i></b>	<b>412</b>	<b>259</b>	
Total intake, mL	656	657	
<b><i>Total milk produced breastfeeding and expressing</i></b>	<b>676</b>	<b>840</b>	

# Monitoring

- 1<sup>st</sup> 24 hour milk production mo.
  - Evidence 1<sup>st</sup> LC - good advice
  - 2<sup>nd</sup> 24 hour showed good progress



## 24-hour milk production profile

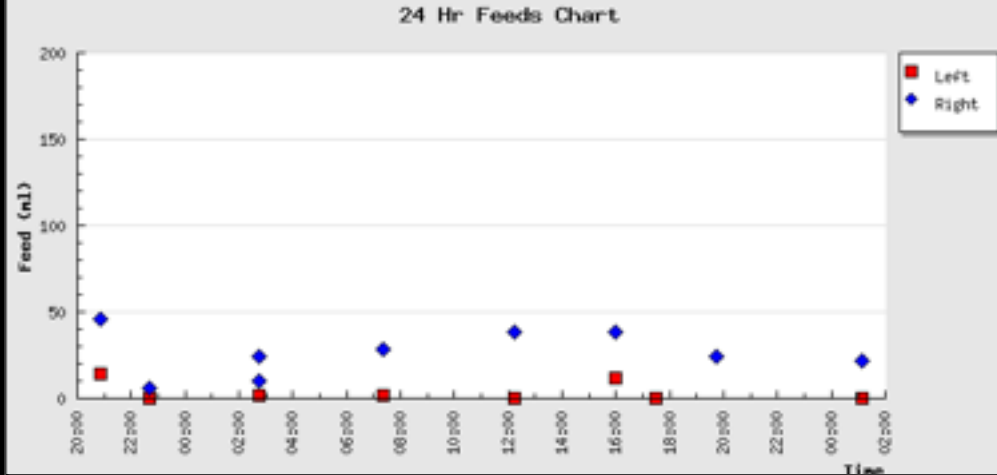
Infant age	2.5 weeks	4.5 weeks	7 weeks
No. of breastfeeds, 11 (6-18)	15	11	10
<b>Duration of breastfeeding, min 16 (5-37)</b>	<b>30</b>	<b>20</b>	<b>28</b>
left and right			
<b>Average volume of a breastfeed, mL 75 (30-135)</b>			
left	4	21	38
<b>right</b>	<b>27</b>	<b>49</b>	<b>66</b>
Total breastfeed, mL/24h 798 (478-1298)	244	398	520
<b>EBM top up, mL</b>	<b>412</b>	<b>259</b>	<b>0</b>
Total intake, mL	656	657	520
<b>Total milk produced breastfeeding and expressing</b>	<b>676</b>	<b>840</b>	<b>520</b>

# Monitoring

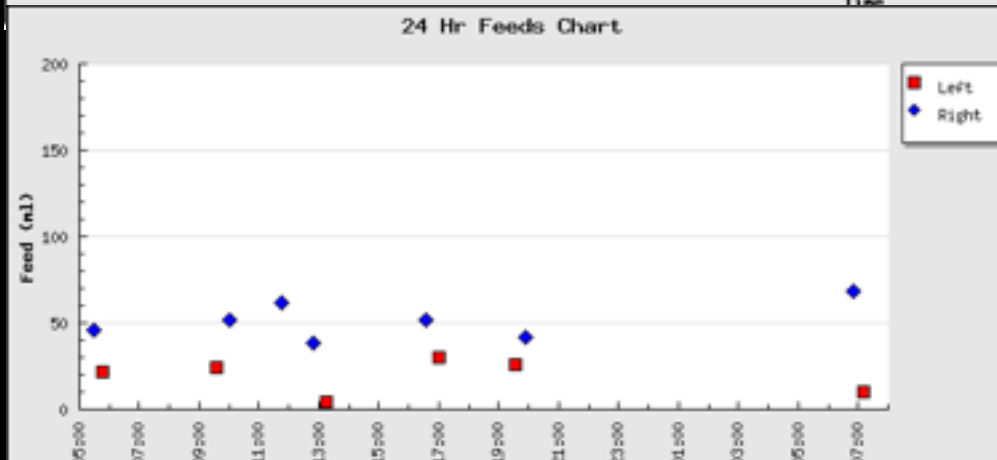
- 1<sup>st</sup> 24 hour milk production mo.
  - Evidence 1<sup>st</sup> LC - good advice
  - 2<sup>nd</sup> 24 hour showed good progress
  - 3<sup>rd</sup> confirmed baby now effective



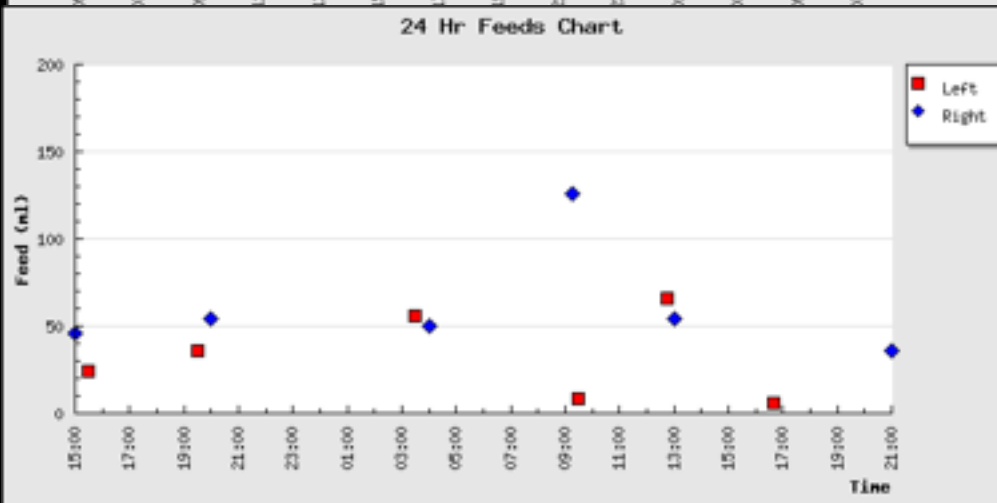
2.5 weeks



4.5 weeks



7 weeks



# 24-hour Milk Production Profile - maternal confidence

## **Breastmilk Production: perception & measurement.**

### Conclusion

- Objective measurement of breastmilk production did not undermine the confidence of mothers who were already confident.
- When mothers who initially lacked confidence received objective evidence of their normality they gained confidence and would continue to breastfeed.

# The process



- Set scale on flat, level firm surface.
- Have a paper and pen ready to write down weights (or log on to website)
- Check the bubble in the level gauge, adjust scale feet if necessary



# The process

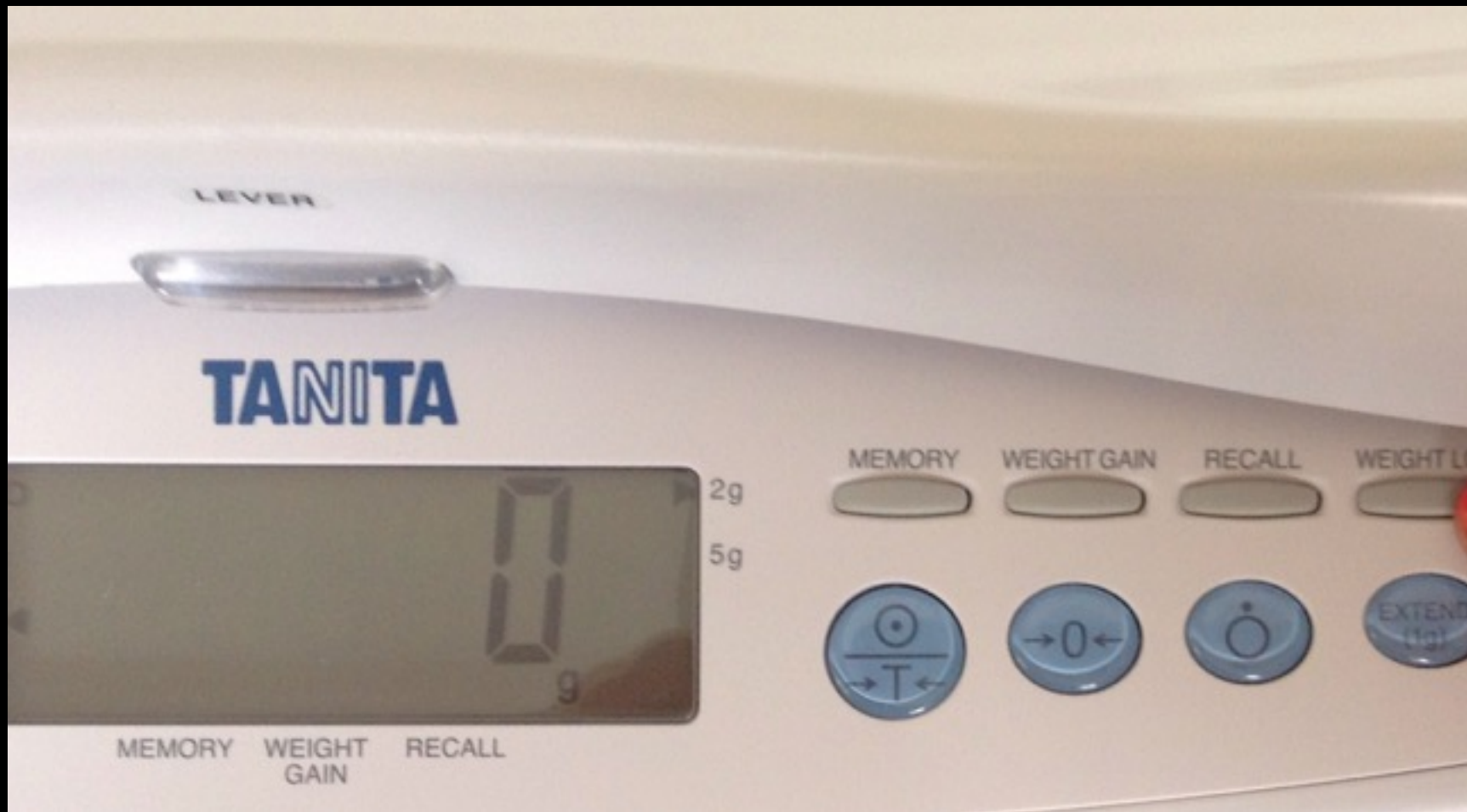


- Press the ON button and wait for it to beep and display 0



- Optional, place a soft cloth on the scales and press the tare button

# The process



- Press the weight lock button so that weight locks and can be put into memory

# The process



- Place baby on the scale, hovering your hand over baby may help to steady a restless baby

# The process



- When the scale beeps press the memory button so the weight is recorded
- Record on data sheet (or enter data on-line)

# Breastfeed





# The process



- After breastfeeding place baby back on the scale
  - not changing any clothing, wraps etc
- Wait for the scale to beep with the new weight
- Press weight gain button
- Write down weight and weight gain (or enter data on-line)

# On-line data entry, calculation and report for 24-h milk profile

- Email  
[Jacqueline.Kent@uwa.edu.au](mailto:Jacqueline.Kent@uwa.edu.au)
- With mother's name, email address, sex and date of birth of infant

# Procedure

1. Mother is emailed user ID and password and web address
2. Mother logs in, consents to participation in **nominated study** (currently 'Evidence for improvement in milk production by breastfeeding mothers')
3. Mother enters weight of baby before and after breastfeed or supplementary feed, and each expression, for 24 hours
4. Mother clicks on 'Mark as completed' and admin is notified
5. Admin checks entered data and clicks 'Submit and calculate'
6. Admin emails results to mother and requesting LC



# Enter your readings

Add Feed

Submitted

## Add new feed data:

*Please do not click any link, or leave this page while filling in the data.  
If you leave this page before clicking the "SUBMIT" button, you will loose your data*

**Note:** The data for before and after feed needs to be submitted together.

	Date	Time(hh:mm)	B/E/S	L/R	Weight	Comments(Optional)
Before Feed	<input type="text" value="06/02/201"/>	<input type="text" value="16"/> <input type="text" value="00"/>	<input checked="" type="radio"/> Breastfeed <input type="radio"/> Expressed <input type="radio"/> Supplementary	<input checked="" type="radio"/> L <input type="radio"/> R	<input type="text" value="3500"/>	<input type="text"/>
After Feed	<input type="text" value="06/02/201"/>	<input type="text" value="16"/> <input type="text" value="10"/>			<input type="text" value="3550"/>	<input type="text"/>

Submit



S.No.	Date and Time	B/A	Feed Type	L/R	E/F	Weight	Weight Gain	% Cream	Comments
1	07:57 Wed 28th Jan 15	B		L		4260			
2	08:15 Wed 28th Jan 15	A	B	L		4308	48		
3	08:19 Wed 28th Jan 15	B		R		4308			
4	08:28 Wed 28th Jan 15	A	B	R		4314	6		
5	09:53 Wed 28th Jan 15	B		R		4260			
6	10:15 Wed 28th Jan 15	A	B	R		4318	58		
7	10:13 Wed 28th Jan 15	B		L		4318			
8	10:35 Wed 28th Jan 15	A	B	L		4344	26		
9	12:10 Wed 28th Jan 15	B		L		4250			
10	12:31 Wed 28th Jan 15	A	B	L		4314	64		
11	12:38 Wed 28th Jan 15	B		R		4306			
12	12:50 Wed 28th Jan 15	A	B	R		4320	14		
	13:07 Wed 28th Jan 15	B			E	4292			
	13:20 Wed 28th Jan 15	A	S		E	4322	30		
13	13:40 Wed 28th Jan 15	B		R		4264			
14	13:50 Wed 28th Jan 15	A	B	R		4278	14		
15	14:55 Wed 28th Jan 15	B		L		4252			
16	15:08 Wed 28th Jan 15	A	B	L		4288	36		
17	15:11 Wed 28th Jan 15	B		R		4272			
18	15:20 Wed 28th Jan 15	A	B	R		4294	22		
19	18:19 Wed 28th Jan 15	B		L		4276			
20	18:35 Wed 28th Jan 15	A	B	L		4340	64		
21	18:41 Wed 28th Jan 15	B		R		4314			
22	18:52 Wed 28th Jan 15	A	B	R		4340	26		
23	19:05 Wed 28th Jan 15	B		L		0			
	19:23 Wed 28th Jan 15		E				40		

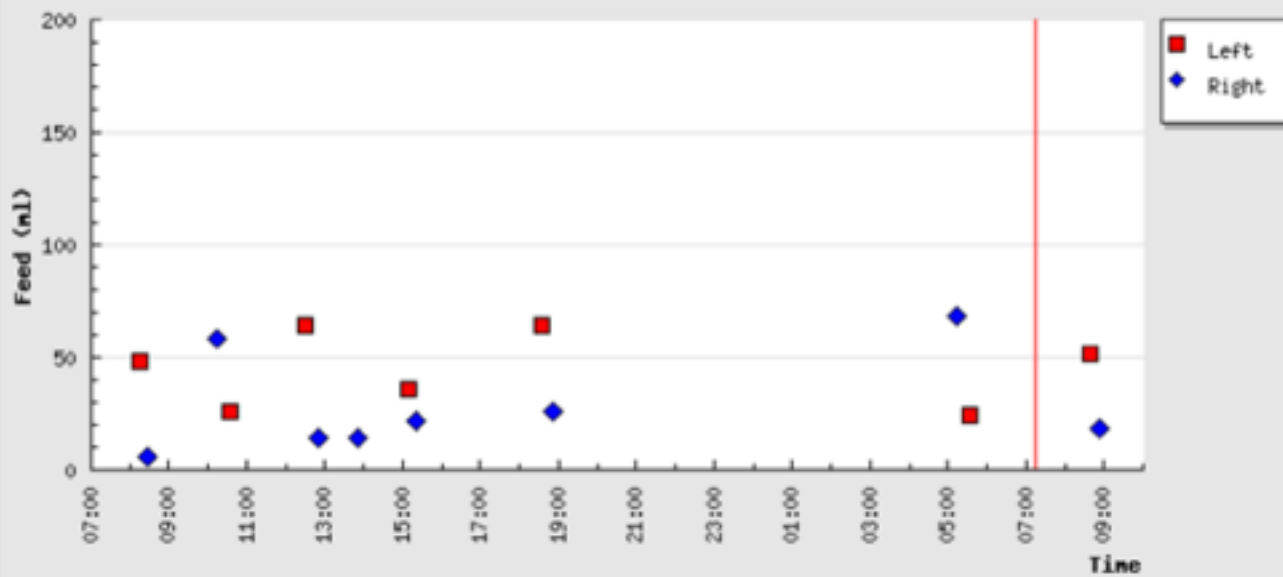


**Results for Mother ID : 15010**

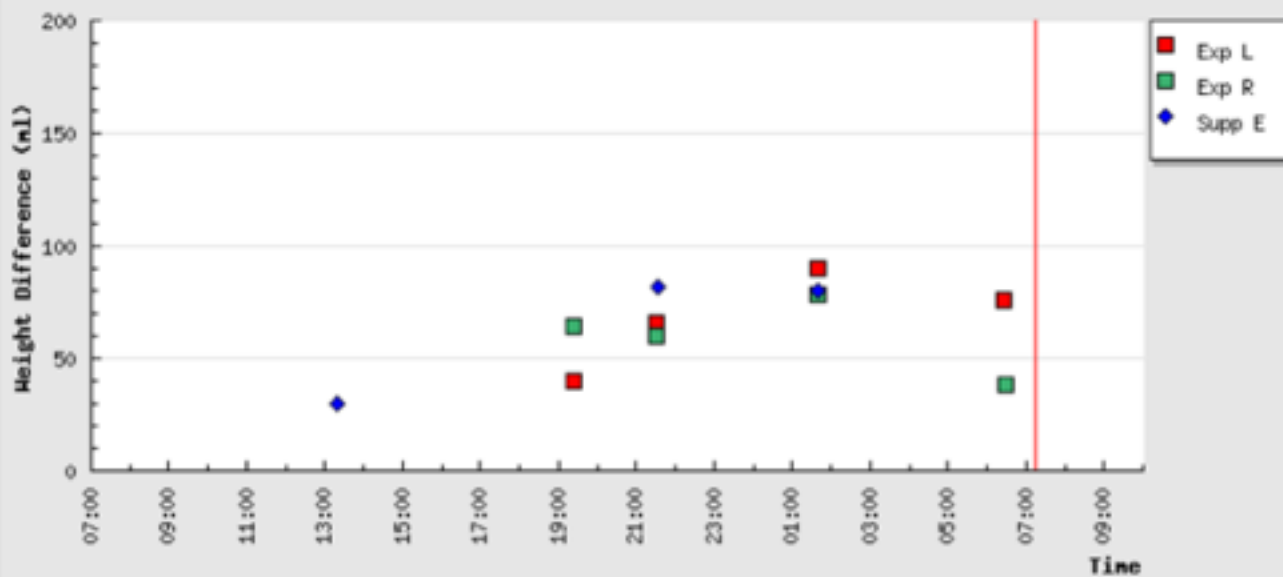
**15010 - 24-h Milk Profile - 28 January 2015**

		Population	
		Average	Range
<b>Number of Breastfeeds</b>			
Left	6		
Right	7	11	6 - 18
<b>Total</b>	<b>13</b>		
<b>Average Breastfeed (ml)</b>			
Left	44		
Right	30	75	30 - 135
<b>Average Breastfeed Duration (min)</b>			
Left	17		
Right	13	16	5 - 37
<b>24-h Milk Intake Breastfeeding (mL)</b>			
Left	262		
Right	208		
<b>Total</b>	<b>470</b>	<b>798</b>	<b>478 - 1298</b>
<b>Expressed (mL)</b>			
Left	272		
Right	240		
<b>Total</b>	<b>512</b>		
<b>Supplementary Feeds (mL)</b>			
EBM (mL)	192		
Formula (mL)	0		
<b>Total Milk Intake - Breastfeeding and Supplementary Feeds (mL)</b>		662	
<b>Total Milk Produced by Breasts - Breastfeeding and Expressions (mL)</b>		982	

24-hour Breastfeeds



Expressions and Supplementary Feeds



# Thank you

## Questions?

