INFANT FEEDING BEHAVIOURS AND OTHER PATTERNS (SLEEP, ELIMINATION)

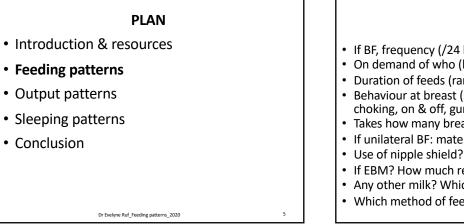
Evelyne Ruf, MD, IBCLC **Lactation Clinic** Family Health Promotion Center, Sharjah

Objectives

- · Describe the 'normal' breastfeeding patterns and its variants
- Describe the 'normal' elimination patterns from birth onwards
- · Describe 'normal' sleeping patterns
- · Discuss the total duration of breastfeeding

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Resources PLAN Introduction & resources Feeding patterns Stooling patterns 'Core Curriculum' Sleeping patterns ILCA 3rd Edition (2013) 'Supporting Sucking Skills' 'BF and Human Lactation' Catherine Watson Genna, Conclusion Jan Riordan & K. Wambach 2nd Ed. (2013) 5th Edition (2016) 'The BF Atlas' Kellymom.com D Wilson-Clav & Hoover. (evidence-based information on 4th Edition (2008) breastfeeding and parenting) and CD from 2nd edition Dr Evelyne Ruf Feeding patterns 2020 Dr Evelvne Ruf Feeding patterns 2020



Feeding Data Collection

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- If BF, frequency (/24 hrs, / day, / night)
- On demand of who (baby, mother, clock)?
- Duration of feeds (range)?
- Behaviour at breast (sleepy, pulling, loud gulping, choking, on & off, gumming, biting?)
- Takes how many breasts per feed?
- If unilateral BF: maternal or infant's preference?
- If EBM? How much received?
- Any other milk? Which type/ Quantity / frequency?
- Which method of feeding?

Feeding Frequency

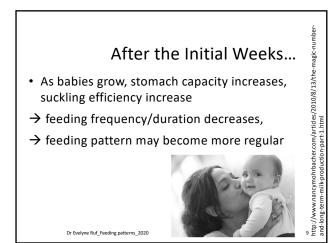
- 'On demand', 'early cues' → difficult for most mothers to give a number
- Newborns until the first 6-8 weeks: most need to feed between 8 to 12 times in 24 hours
 - Avoids/reduces engorgement
 - Establishes good milk production (prolactin receptors)
 - Nourishes an infant with small stomach size to double his weight by 4-6 months
 - Ensures emotional closeness

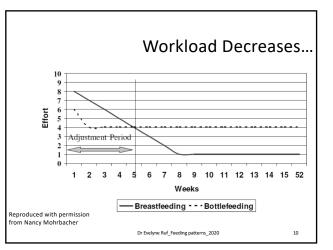
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Duration of Feedings

- Varies between babies (personality, presence of challenge, mother's storage capacity, flow, fatcontent...)
- Varies for the same baby, according to:
 - Age (newborns take usually more time)
 - Hunger, thirst
 - Degree of breast fullness,
 - Time of the day
 - Sleep/awake state
- Anything between 5 to 30 minutes per breast could be 'normal' ...

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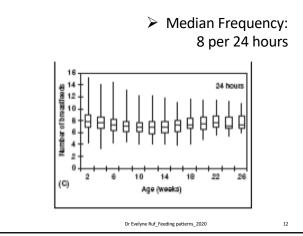


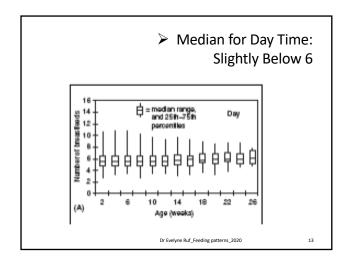
for at least 4 months, and breastfeeding on demand

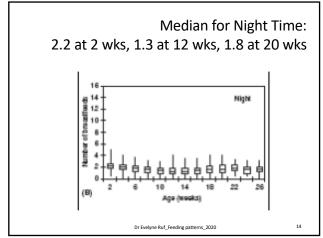
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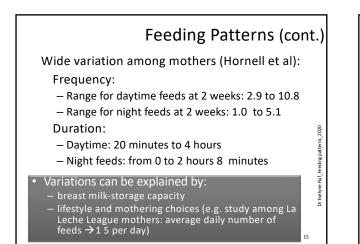
'Breastfeeding & Human Lactation p.107

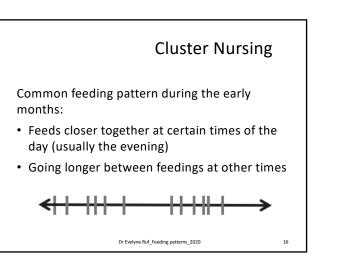
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Growth Spurts

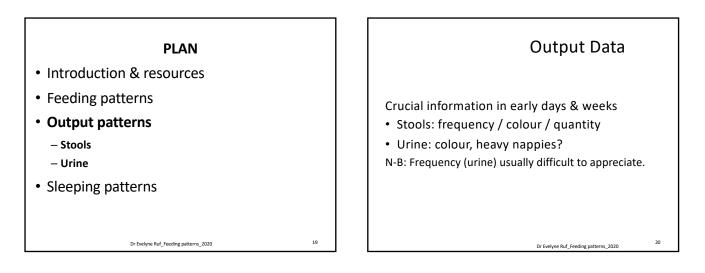
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- Also called 'frequency days'
- Babies seem more hungry, need to feed more often
- Common times for growth spurts:
 - the first few days at home
 - around 7-10 days, 2-3 weeks, 4-6 weeks,
 - 3 months, 4 months, 6 months and 9 months (+/-).
- Usual duration: 2 3 days (sometimes 1 week)

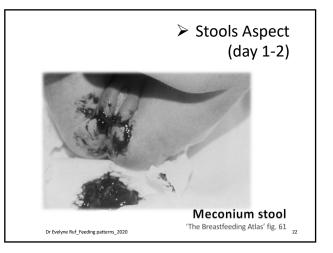
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The 'Magic Number'

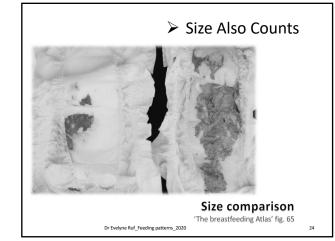
- Between 1 and 6 months: amount of milk per day babies need stays remarkably stable (on average between 750-1050 mL per day).
- 'Magic number' (Nancy Mohrbacher): number of times each day a mother's breasts need to be well drained of milk to keep her milk production stable.
- Due to differences in breast storage capacity, some mothers' "magic number" may be as few as 4-5 or as many as 9-10.

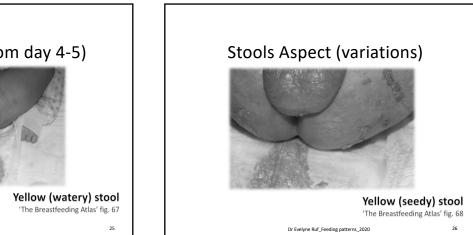


Output Patterns			
Day	Milk Intake/Day (ml)	Voids (min.)	Stools (min.)
1	5-100 (aver. 30)	1 wet diaper	1 black tarry stool
2	10 -120 colostrum	2 wet	1-2 black tarry
3	200	3 wet	Some green stools
4	400	4 wet	4 loose yellow
5	600 +	6 wet	3-4+ yellow
6 da 6 mo	550 – 950 ; average 750	6 + wet	3-5+ yellow or 1/several days (after 3 weeks)
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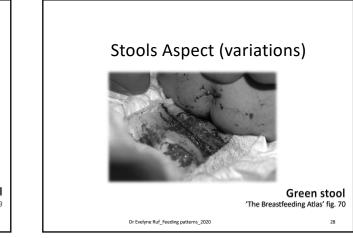


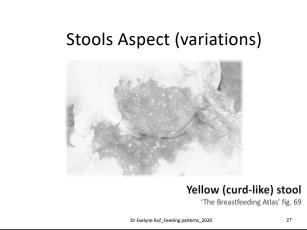


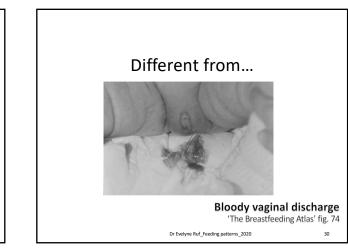


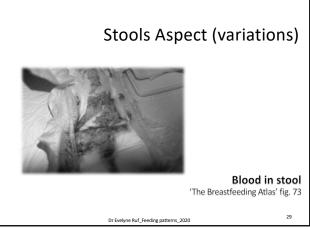


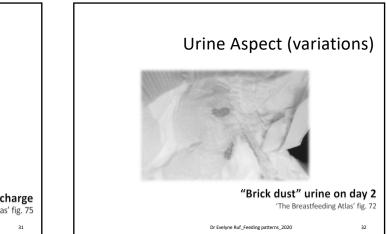


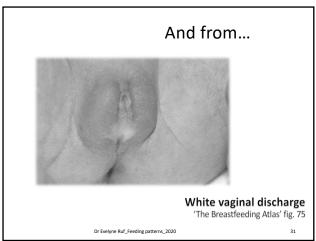


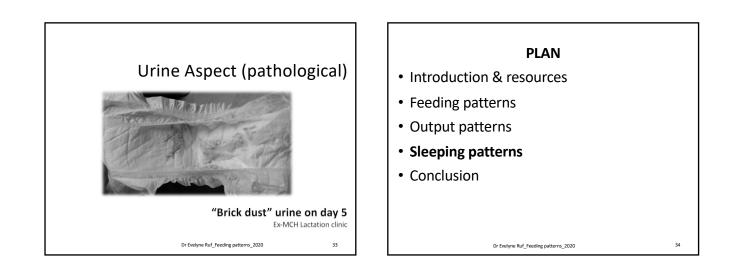












What is 'Normal'?

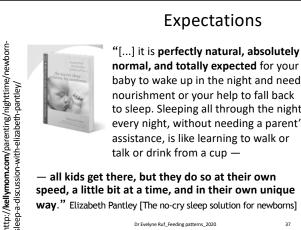
- Wide range of normal (like between adults)
- Many factors play a role
- Similarities:
 - Newborns: sleep around 15 to 18 hours from 24 hours
 - With 6 to 8 of these hours during day time
 - 'Happily awake span': 45 minutes to an h our or two at a time
- Realistic expectations: night feeds are normal
 - Babies have small stomach capacity
 - Breastmilk is easy to digest
 - Immature sleep system (need help to get asleep)

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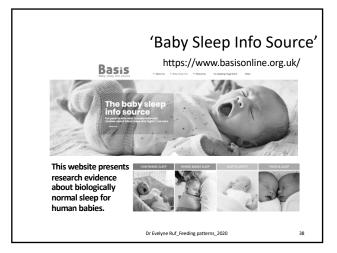
Sleep Deprivation

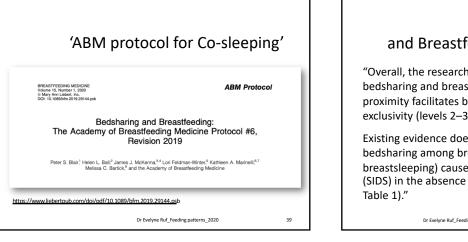
- · One of the biggest challenges for parents
- Many myths, misconceptions, unrealistic expectations (sleeping through the night...)
- \rightarrow multitude of 'sleep-training' methods (letting baby cry more and more until he gives up...)
- Other more physiologic strategies can help parents to cope better...
- E.g.: observing sleeping cues, co-sleeping

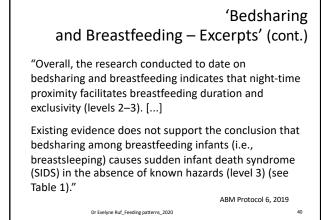
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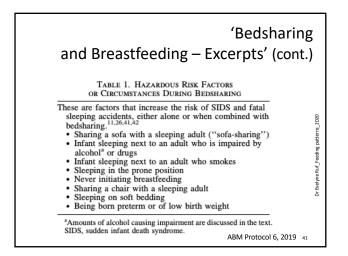


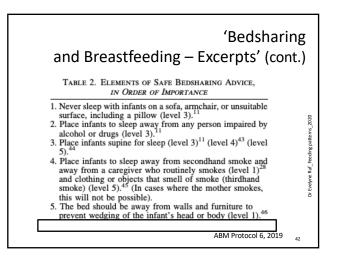
baby to wake up in the night and need to sleep. Sleeping all through the night, every night, without needing a parent's

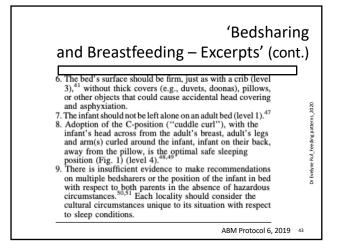


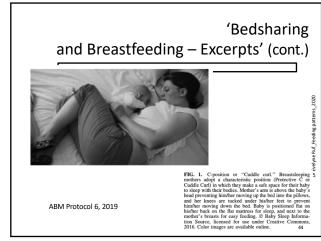


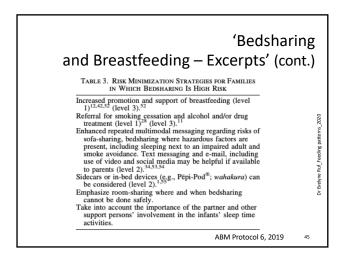


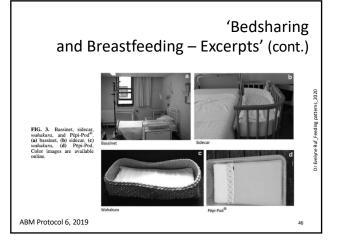


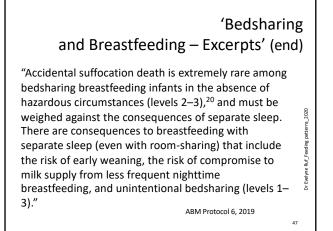


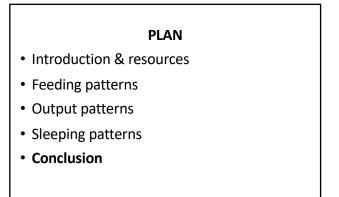












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So Many Individual Variations

- Knowledge of most common patterns useful
- Empowering mothers to trust their baby and their body (e.g. on demand feeding)
- In the same time, basic red flags should be wellknown by mothers: constant feeding, decreased stools or urine, sleepiness,...
- At the end of a consultation, we should be able to empower the mother (either through reassurance or through management plan).

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