BIOLOGICAL NURTURING, or NATURAL BREASTFEEDING POSITION: Mothers & Babies (and You) Will Love It!

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Objectives

- Discuss the innate mammal newborn feeding behaviour
- · Describe the 'biological nurturing' concept
- · Describe the 'natural breastfeeding position'

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PLAN

- Introduction
- Resources
- Innate mammal newborn feeding behaviour
- · Recent discovery for human infant
- Principles of 'Biological Nurturing'
- The 'Natural Breastfeeding Position' approach
- Conclusion

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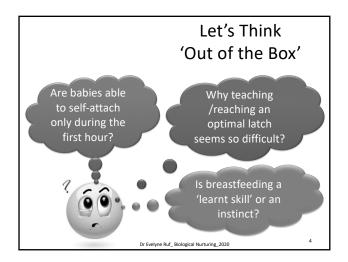
Just After Birth

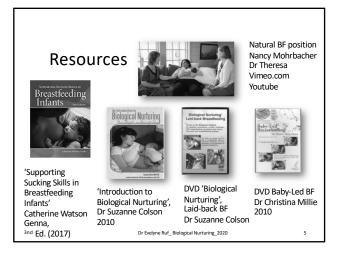


cempt breast crawl, UNICEF Indic

• Breast crawl and self-attachment

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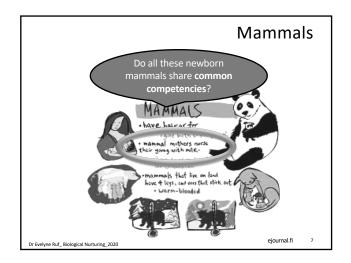




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Innate Mammalian Newborn Behaviours (in Non-Human Mammals)

From species to species, the immediate postnatal behaviours of all mammalian newborns are remarkably similar:

Short period of recovery

Then searches for the teat

Finds it without maternal assistance

➤ Initiates feeding.

Newborn Baby Grey Kangaroo-Attenborough-Life of Mammals-BBC



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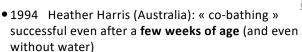
Role of the Linea Nigra???



ΞS

Recent Descriptions for Human Infant

- 1987 Ann-Marie Widström (Sweden): ability of the newborn to find and grasp the nipple without maternal participation, in the **first hour of life**
- 1990 Righard & Alade (Sweden):
 « self-attachment » in the first hour
 of life, if no interruption in skin-to skin contact → BFHI step 4



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More recently... Beyond Birth

- 2001 Christine Smillie (USA): this instinct exists for pre-terms and full-terms infants, probably persisting for at least a year or much longer
 - → 'Baby-Led Breastfeeding, or mother-Baby Dance'





Baby-Led Breastfeeding DVD

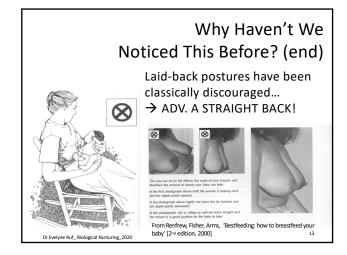
• 2005 Suzanne Colson (UK): new paradigm: 'Biological Nurturing®- laid back breastfeeding'.

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Why Haven't We Noticed This Before?

- Poor expectation of infant's competency
- Common interruption of the beginning of the feeding sequence (cultural inclination to restrain and protect newborn head movements) while attempting to force the end of the sequence (latch)
- →Infant anxiety, stress, neurobehavioral disorganization, and LATCHING STRUGGLE

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Biological Nurturing®

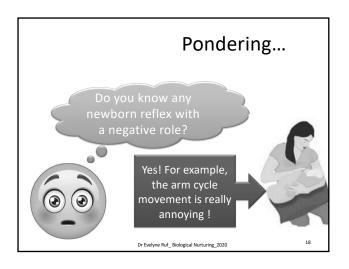
- Dr Suzanne Colson (UK), RM, PhD
- More than 35 years of clinical experience with breastfeeding mothers
- Began as a LLL Leader/lactation consultant in France (with Michel Odent) → midwife
- Her PhD thesis (2005): 'The Mechanisms of Biological Nurturing'. Has observed primitive neonatal reflexes (PNRs) during feeding (54 mother/infant pairs).

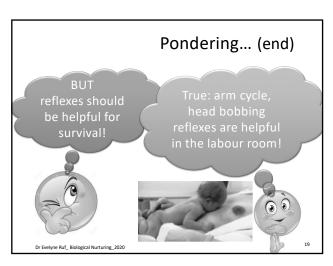
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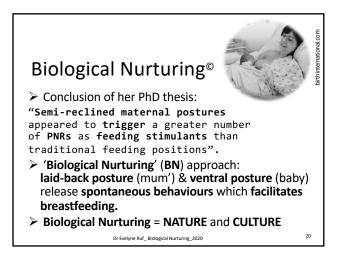
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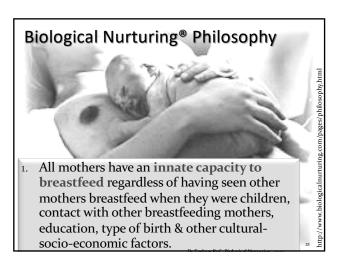
PNRs in the Feeding Context Endogenous (cues) Hand to mouth, Mouth gape Tongue dart/lick Arm cycle, Leg cycle Finger flexion/extension Rhythmic (sustaining) Suck Jaw jerk Swallow Dr Evelyne Ruf_Biological Nurturing_2020

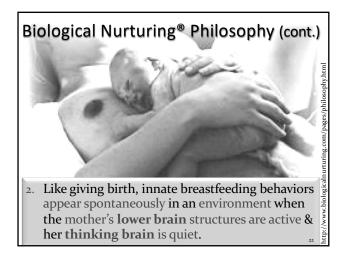
PNRs in the Feeding Context (cont.) From 'Delivery Self-Attachment', Righard & Frantz, 1992) Dr Evelyne Ruf_Biological Nurturing_2020 17

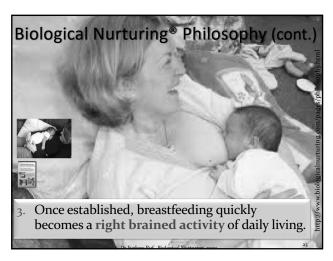


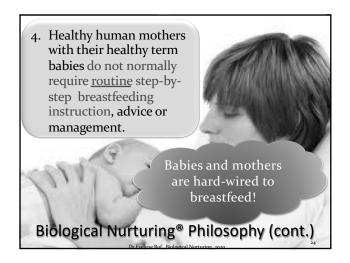


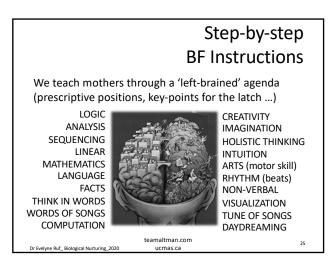


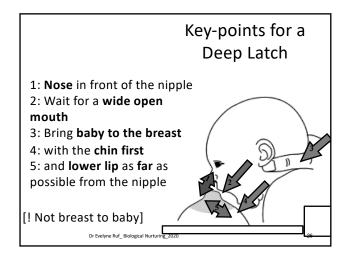


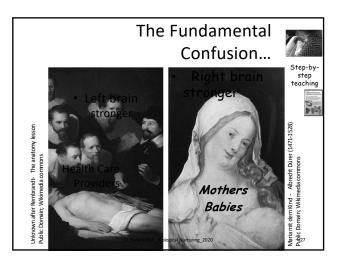


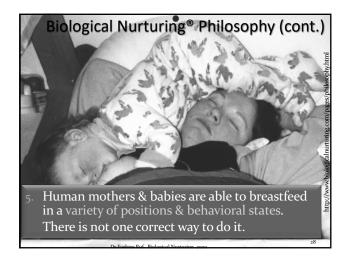


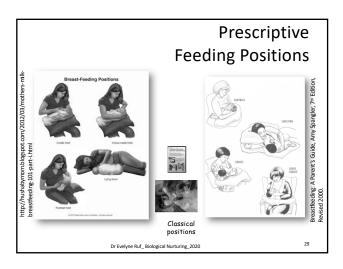


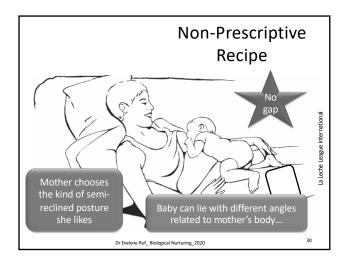


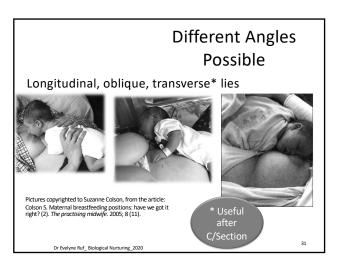


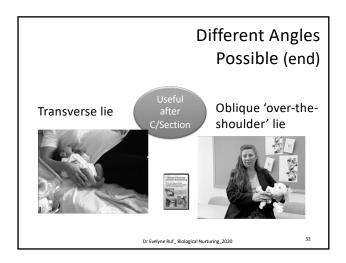






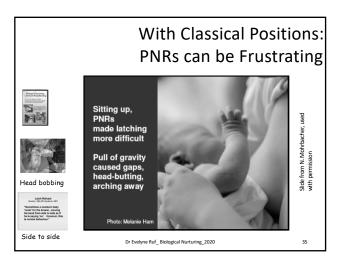


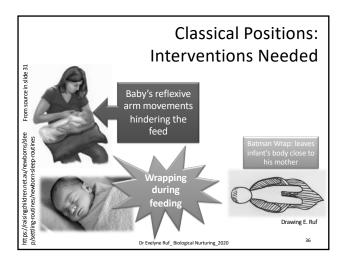


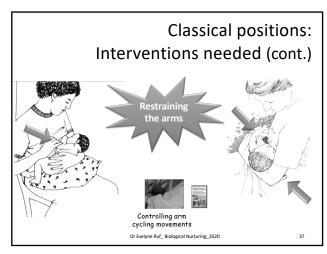


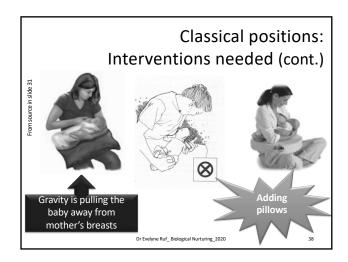


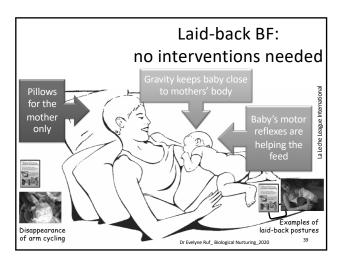




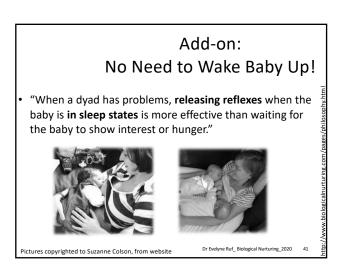


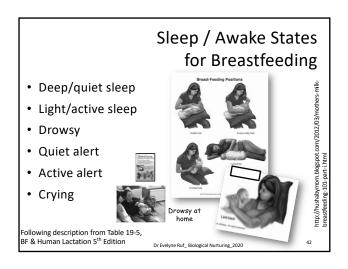








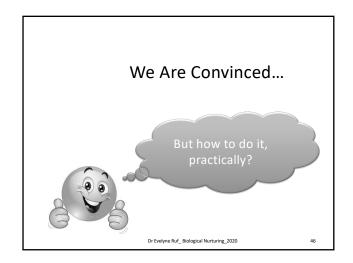














"Recipe for nurturing" (cont.)

- Layer the first three ingredients on a bed or armchair starting with the pillows, placing your baby tummy down, on top.
- Sift through your own positions to find the most





2007

"Recipe for nurturing" (cont.)

- Add skin-to-skin contact, if desired... [...]
- Stir in the desired amount of privacy.
- Gently fold in hugs and kisses. Gaze and cuddle. Stroke and whisper. Leave in this warm draught-free place for at least 45 minutes.
- Check temperature frequently. Do not chill.





Colson. 10(9)

"Recipe for nurturing" (end)

- \checkmark As baby nuzzles and latches on and off, no one but you can save how long to savour. [...]
- ✓ Sprinkle with cupfuls of love, laughter and lullabies.



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Biological Nurturing[©]: A Paradigm Shift for Lactation Clinicians



'Natural Breastfeeding Position'

- Easier name than 'Biological Nurturing ©'
- First-line position for the first 40 days p.p.
- So comfortable that mothers & babies will love BF
- So simple key points that HCPs will love guiding mothers:
 - √ 'Adjust your body'
 - √ 'Adjust your baby'
 - √ 'Adjust your breast' (optional)



1. 'Adjust Your Body'

- Comfortable reclined position: all body parts relaxed (including the head)
 - > At home: sofa, armchair, recliner, bed







1. 'Adjust Your Body' (cont.)

- · Comfortable reclined position:
 - > Hospital: bed (adjustable angle), armchair
 - ➤ Clinic: recliner, armchair







Pictures from Lactation Clinic, FHPC SH

1. 'Adjust Your Body' (end)

- · Comfortable reclined position:
 - > More reclined if large breasts
 - > Less reclined when socializing





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2. 'Adjust Your Baby'

- Completely facing mother's body ('frog' position)
 - ➤ Ventral surface, arms, knees, feet act as 'GPS'
 - → if these body parts are in contact and stable on mother's body, PRNs are stimulated



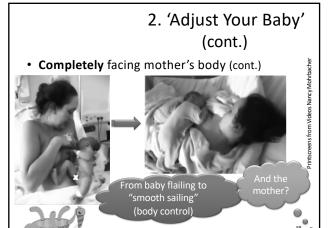


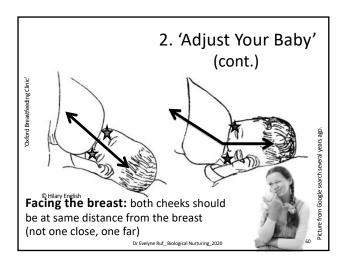


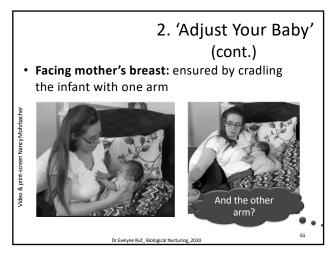
2. 'Adjust Your Baby' (cont.)

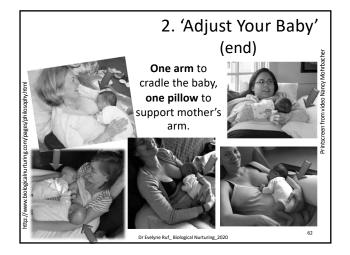
• Completely facing mother's body (cont.)

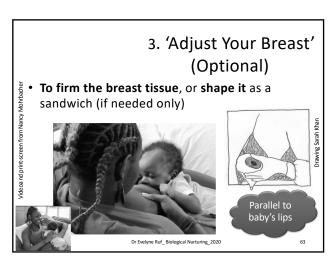






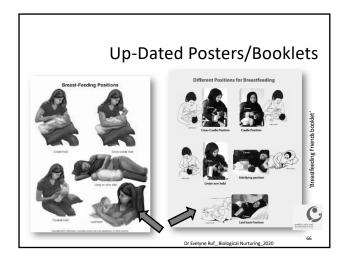


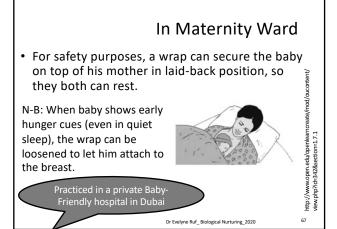












Antenatal Preparation



Variant: 'Baby-Led Breastfeeding', or 'the Mother-Baby Dance'

- Christina Smillie (USA)
 - Mother and infant naked from the waist
 - Mothers with very moderate laid back posture
 - Calming infant first
- Kittie Frantz (USA)
 - Same first 2 points
 - OK to let infant fuss and be upset

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Conclusion

- Whatever the name, this 'new' instinctive approach should become our default mode with mothers
- During antenatal preparation
- In maternity wards
- · At newborn screening visits
- In a lactation clinic...
- The best 'discovery' in the recent breastfeeding medicine history

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Thank You!

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