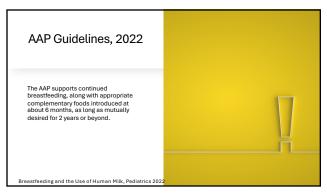






Case You are meeting a new family of a 6-day-old baby for popping on and off the breast with concerns that the baby is taking too long to feed. Mom has been experienced some mild nipple pain but nothing consistent. She is worried about a potential tongue te because she has been told by her midwife and a IBCLC who is tongue-tie sawy that the baby has a tongue and lip tie.





5 6



To determine how a lingual frenulum might impact on a baby's breastfeeding, one has to first understand:

- How the tongue needs to move during breastfeeding
- How the baby's anatomical features may impact on how the tongue moves (and needs to move) in that baby...and
- Determine if the presenting problems could be explained by restricted movement, with other issues having been addressed

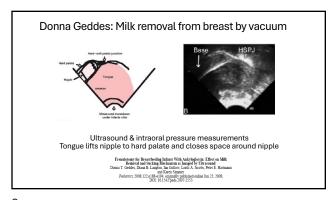
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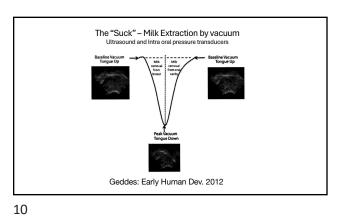


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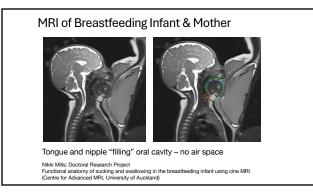
Neonatal vs Adult Anatomy:
Structural design differences
Babies are designed for
breastfeeding

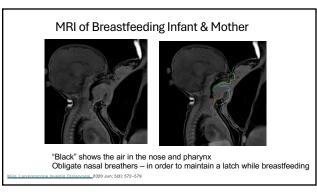
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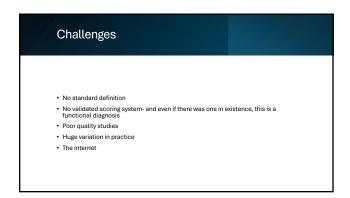


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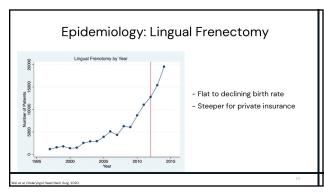


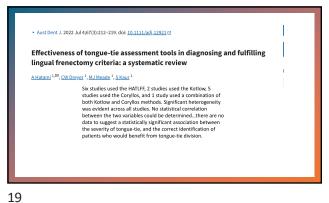


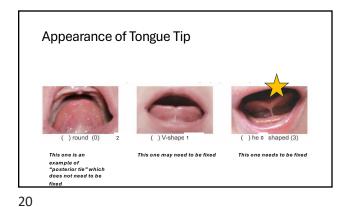




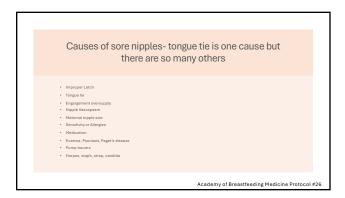
Common signs and symptoms of tongue tie in babies

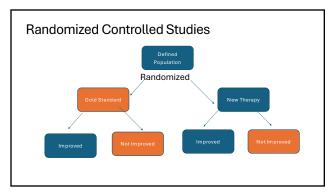


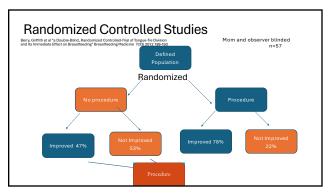




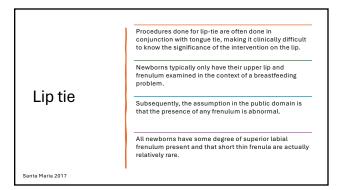


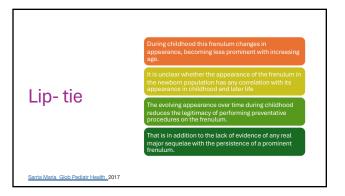












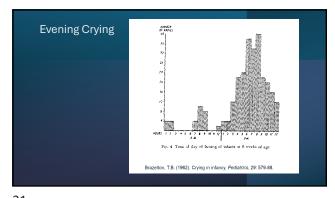


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Buccal tie



29 30



Reflux

34

- Methods: This was a retrospective analysis of questionnaire/intake surveys of 1,000 infants over 5 years in private surgical practice. The inclusion of these infants was determined based on pairful breastfeeding, poor lip seal, infant taking H2 blockers or proton pump inhibitors. These infants underwent release of their restrictions with CO: laser.
- CO2 lases.

 Results: This study shows a correlation between aerophagia in infants with short maxillary labial frenula (maxillary lip tie) and ankyloglossia and reflux. A new term has been created to describe this entity; aerophagia induced reflux (ARI», Five hundred twenty (52%) showed improvement or complete reversal of symptoms of reflux to the end point of cessation of reflux medication. Two hundred eighty-fitnee (28.3%) had no change in reflux, and 191 (19.1%) showed post-surgical improvement in post-feed irritability and less reflux symptoms but not successfully weared off medications.
- Conclusion: There appears to be a relationship between maxillary lip tie (ankyloglossia
 and shortened maxillary labial frentula) and AIR. Treatment of these inflants with a
 first many be spared from invasive testing or medications that have been shown
 to have potentially significant side effects. This may change diagnostic and treatment
 algorithms.

FGELS. Aerophagia Induced Reflux in Broadfeeding Infants NVIn Aeriologicosis and Shortened Maxillan Labial Fernals (Tongue and Lip Tie), international Journal of Cinical Reductics, North America, 5, apr. 200

31 32

Retrospective chart review
Reflux was never established. Used parental report and meds as proxy for reflux. Also used parental report for degree of improvement.
Aerophagia never established
Asserts that aerophagia is the cause of reflux but the literature supports that aerophagia is a cause of burping, not reflux
Reflux improves with time. You need a control group.
Subsequent studies have not established reflux, just parental report

33

Preparation for frenotomy

• Most improvement in randomized, controlled studies, is immediate
• Speaks against need for preparation

After frenotomy

• No evidence to suggest it is helpful Needs to take growth into consideration

• Real worry about potential oral aversion

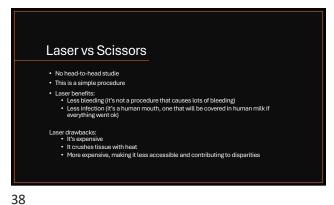
• Real worry about repeated painful stimuli and poor neurodevelopmental outcomes

Post-Frenectomy
Exercises

Post-Frenotomy Stretches
No data to support
Bhandarkar, et al., 2022
Massage and no massage groups
No difference

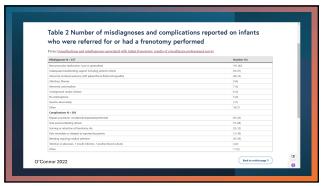
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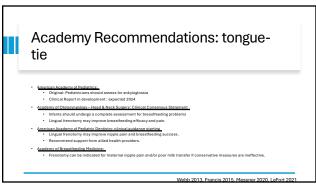


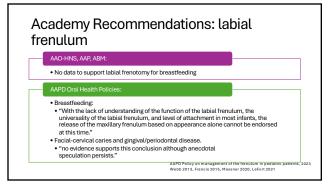


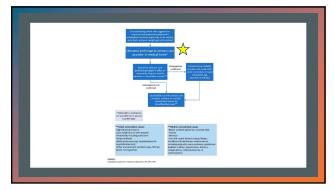








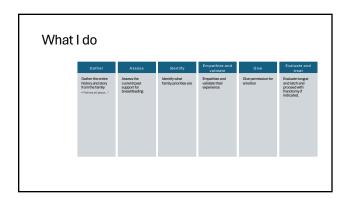




Our case

You are meeting a new family of a 6-day-old baby for popping on and off the breast with concerns that the baby is taking too long to feed. Mom has been experienced some mild nipple pain but nothing consistent. She is worried about a potential tongue tie.

The family had refused all interventions including prenatal ultrasounds, congenital heart disease screening, and the state newborn screen.
The baby's physical exam showed a RR of 70, pox on RA of 94%
Sister was in the hospital with pertussis



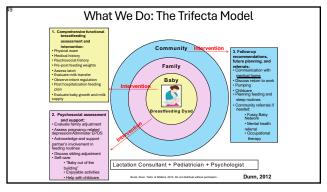
45 46

Problem solving together More productive and full schedule Tag team to keep mother-infant pairs happy in a busy clinic Detailed history taking, charting shared, can done in room Detailed history taking.

Developing Our Trifecta Team

Initially 'two heads were better than one'.
Psychologist started with observation of each visit to get a feel for our process.
As we moved forward it became more timely to have Psychologist follow us to help the families regroup while we moved to the next family.
Now we update Psychologist on our post visit observations and then she updates us after she has completed the visit.

47 48



Changes in Practice

- Pediatricians educate parents that their office is their child's medical home.
- Pediatricians create a breastfeeding-friendly office practice.
- All infants with breastfeeding issues need comprehensive evaluation, and assessment and treatment of the dyad by their pediatrician.
- Incorporate relationship-centered communication best practices in the care of breastfeeding infants and their parents.
- Pediatricians should collaborate with other providers to create a comprehensive breastfeeding support system for infants and mother in their community.

49 50

References

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- Bhandarkar KP, Dar T, Karia L, Upadhvava M. Post Frenotomy Massage for Ankylog Breastleeding and Reduce Recurrence / Matern Child Health J. 2022 Aug. 26(8):1727–31.