

- 2020).
- when possible (Meek & Noble, 2022).
- interactions of infant-mother dyads.

based on food type.

- study. A diagram of the study is below.
- areas (Leon, Gadsden, Wakulla, and Jefferson counties).
- mother-infant dyads were followed to four mouths postpartum.
- The Infant Feeding Questionnaire (IFQ) and questions about infant feeding practices were collected at each visit.
- Data from the 1 and 4 month visits were used in these analyses.



Figure 3: LEIFc Visit Summary

Visit 1, Prenatal • Written and video education on responsive feeding



Changes in Mother-Infant Social Interactions Based on Food Type Jalina Hess and Jessica Bahorski, PhD, APRN

FSU College of Nursing

Visit 2, 1 month PP

• Pre-coaching video during a feeding session • IFQ

- Coaching intervention
- Video of feeding session
- to measure fidelity

rticipant Characteristics $(n = 21)$		
ole	Ν	0⁄0
lace		
	10	47.6%
	7	33.3%
	4	19.1%
	2	9.5%
	15	71.4%
ull-	11	52.4%
aduate	13	61.9%
male*	8	38.1%
th*	16	76.2%
ole	$M \pm SD$	Range
years	30.3	22-41
ht, kg*	3.42	2.58-4.25



Meek, J., & Noble, L. (2022). Policy statement: Breastfeeding and the use of human milk. *Pediatrics*, 150(1), e2022057988. <u>https://doi.org/10.1542/peds.2022-057988</u>.

Visit 4, 3 months PP

- Coaching intervention
- Video of feeding session to measure fidelity



Conclusion

Though not statistically significant, results are consistent with prior literature. • Receiving only breastmilk in the first few months of life is correlated with an increase in social interaction between mother and infant (Else-Quest et al.,

However, there are implications that receiving breastmilk only or a consistent food may increase social interaction in the first 4 months of life.

Prolactin levels may account for these differences, but were not measured in this study • Some research suggests that prolactin levels are correlated with increase maternal response to their infant (Han-Holbrook et al. 2021).

Future Directions

A larger sample size should be recruited to show whether the statistically insignificant results are due to lack of correlation or lack of enough participants. Future studies should measure prolactin levels for possible correlations to social

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Visit 5, 4 months PP

• Post-coaching video during a feeding session • IFQ