

Benefits

- Regular phone check-ins with a certified lactation counselor for the first month after delivery
- Reports of your child's developmental testing at 2 years
- Small gifts for you and your child throughout the course of the study



FAQs

How will I collect and send my samples?

We will provide you with supplies & instructions for collection. You can mail samples to us or have them picked up.

What developmental testing will be used?

Trained and certified study staff will conduct non-invasive developmental assessments on your child.

Where will the final study visit take place?

Visit 5 will occur at the Center for Child Development at 221 Longwood Ave, Boston, MA.

Meet the Team

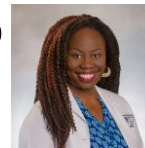
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For more information, email candrews@bwh.harvard.edu or call 617-525-4127 to speak with the study coordinator.

LACTATION LAB

LACTATION LAB



Thank you for taking the time to learn about the **Mother and Infant Metabolome and Microbiome (MIMM) Study** at the **Lactation Lab** during this exciting time in your life!



BRIGHAM HEALTH



BRIGHAM AND WOMEN'S HOSPITAL

Beth Israel Lahey Health 
Beth Israel Deaconess Medical Center

About this Study

For mothers, longer breastfeeding may

- Improve post-partum weight loss
- Decrease post-partum depression
- Decrease rates of breast & ovarian cancer

For infants, breastfeeding may

- Improve growth & body composition
- Improve neurodevelopment
- Decrease risk of infections & asthma

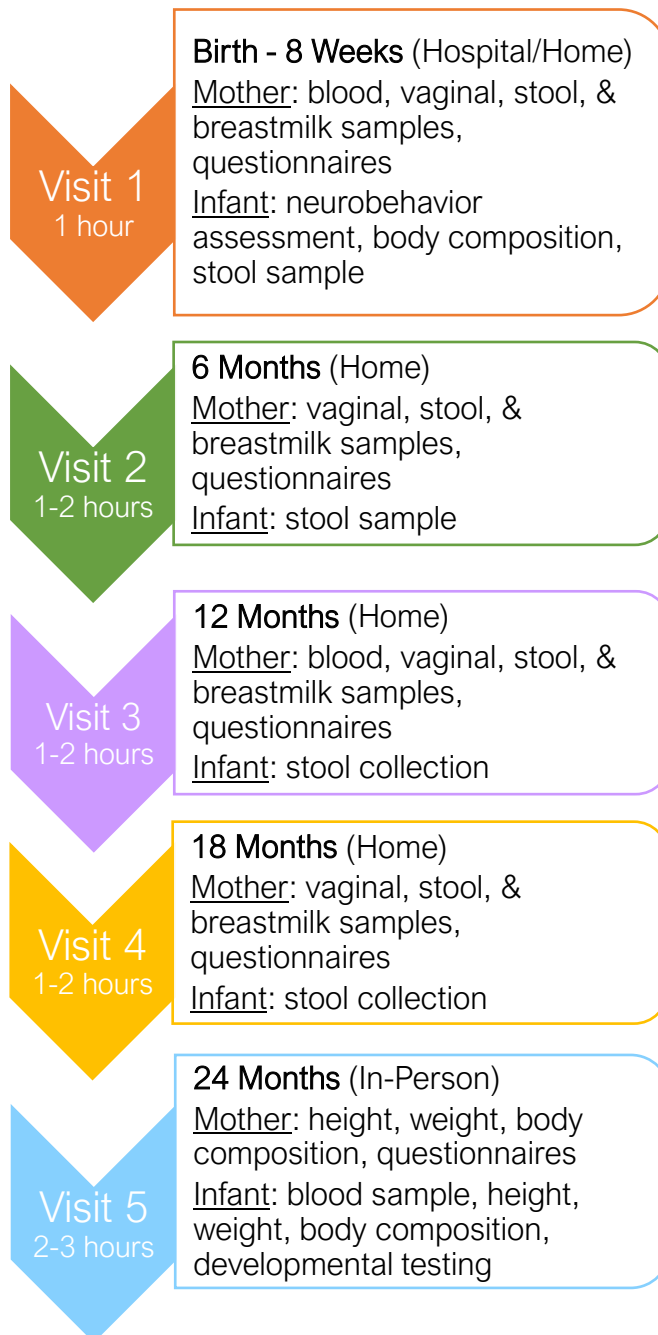
Many women in the U.S. struggle to breastfeed and are not able to breastfeed for the desired length of time.



This study will help determine the predictors of breastfeeding success and breast milk composition and how these influence health outcomes for mothers and infants.

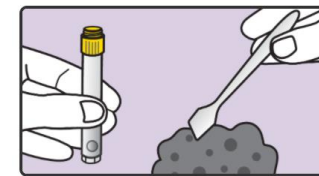


Study Timeline



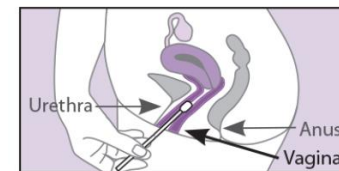
Sample Collection

Stool Sample Collection



Stool will be collected in a toilet hat accessory and then a small sample will be placed in a tube with a spatula.

Vaginal Swab Collection



A vaginal sample will be collected by inserting a swab into your vagina and moving it in circles for 20 seconds.

Breastmilk Sample Collection

Breastmilk will be pumped into a bottle and mixed gently. A small amount will then be poured into a container.



Blood Sample Collection



Blood will be collected with a small device that attaches to the arm, pricks the surface of the skin, and draws the blood down into the sample pod.