









MAGICAL Journey

 Stool Samples	 Skin Swabs	 Questionnaire	 Growth Measurements	 Diet Analysis	 Oral Swab* (*optional)
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MONTH 1




MONTH 3



MONTH 6



MONTH 12



Happy 1st Birthday! You've completed the first half of the MAGIC Study!

MONTH 9



MONTH 15



MONTH 18



MONTH 21



Additional stool samples if your child is prescribed an antibiotic

MONTH 24



Happy 2nd Birthday!
You have now completed the MAGIC Study!



Stool samples should be collected at home every 3 months. A total of 3 different samples (2 of which must be frozen) at each time point will be picked up from your home. MAGIC staff will contact you at each time point and mail you the kits. **Please email us once you collect your samples**, and we will schedule a pick up! These samples are how we determine which microbes live in your baby's gut.



Skin swabs should be collected at home every 3 months. A total of 3 skin swabs (nose, armpit, groin) must be kept at room temperature and will be picked up from your home along with the stool samples. **Please email us once you collect your samples**, and we will schedule a pick up! These samples are how we look at skin microbiome development.



Questionnaires are used to get more information on your baby's diet, environment, and home life – all things that play roles in microbiome development. These ~15-minute questionnaires are completed every 3 months. We complete the first month questionnaire at your first study visit; the other questionnaires will be emailed to you.



Growth Measurements are done at all study visits. We measure your baby's head circumference, arm circumference, length, weight, and skinfolds. At the 1-month study visit only we will measure your baby's body composition using the PeaPod machine. Your first study visit will take place at CHOP's main campus (3401 Civic Center Blvd, Philadelphia, PA 19104), all other visits will take place at 3550 Market Street, Philadelphia, PA 19104.



A **Diet Analysis** is done at your child's 12- and 24-month visits. At this time you will complete a 3 day food log. The food log will allow the study team to see how what your child eats/drinks relates to their microbiome and growth.



* An **Oral Swab** will take place at the 12-month study visit, only if you consented at enrollment (in hospital). A 10-second cheek swab collects saliva that will help us learn how genetics play a role in the microbiome.



If your child is prescribed an antibiotic, please let us know as soon as possible. You will be asked to collect a stool sample prior to the antibiotic, on day 5 of therapy, 2 days after therapy, 10 days after therapy, and 30 days after therapy. We will provide you with dates/reminders and extra kits for the additional stool collections.

Questions?

Please Contact MAGIC Study Team:

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