

Project PROTECT timeline



What to expect for yourself and your baby

The findings from Project PROTECT (**P**reterm **R**espiratory **O**xygen **T**oxicity and Optimized **E**nvironmental **C**are and **T**reatment/**T**herapies) have the potential to revolutionize how we care for vulnerable infants born very prematurely. From the time your newborn comes to our NICU to the time he/she is a preschooler, your baby will provide biospecimen samples, you will let us know how you feel as a new mom, and we'll track how your baby's brain continues to develop.



Time point (T)1: Once enrolled

Baby: A magnetic resonance imaging (MRI) scan and a DNA sample.

Mom: Surveys that measure anxiety, depression, stress and resilience; a survey about what you ate during pregnancy.



T4: 6 months old, 12 months old

Mom: A telephone survey that measures how your baby is doing.



T2: Every four weeks

Baby: MRI scan and a DNA sample. And, at 34 weeks' gestational age, we will complete a one-hour EEG test, a non-invasive way to record electrical impulses produced by your baby's brain activity.

Mom: Surveys.



T5: 18 months old

Toddler: An appointment for developmental testing at Children's National and a DNA sample.

Mom: Surveys that measure anxiety, depression, stress and resilience.



T3: About 40 weeks' gestation

Baby: MRI scan; cheek swab; bedside assessment of your baby's motor skills, cognitive and behavioral performance; and a one-hour EEG.

Mom: Surveys that measure anxiety, depression, stress and resilience.



T6: 3- and 5-year follow up

Child: An appointment for developmental testing at Children's National and a DNA sample.

Mom: Surveys that measure anxiety, depression, stress and resilience.

