

Brain Organization, Development, and Response to Intervention in Individual Neonates

NCT05843396

Status	RECRUITING
Phase	Not Applicable
Sponsor	Washington University School of Medicine
Enrollment	80 participants

Plain Language Summary

This study examines how the brain develops and responds to early interventions in newborns by collecting MRI brain scans and cognitive assessments. The goal is to understand normal and abnormal brain organization in newborns to improve early identification of developmental risks.

****You may be eligible if...****

- You are an English-speaking adult able to give informed consent (for parent or guardian participation)
- Your newborn is at least 36 weeks gestational age at birth
- Your newborn does not have brain injury from oxygen deprivation at birth
- You are carrying or have delivered a single baby (not twins or multiples)

****You may NOT be eligible if...****

- You are pregnant and under 18 years old
- You have active psychosis, mania, suicidal thoughts, or substance dependence
- Your newborn was born before 36 weeks gestational age
- You are incarcerated (a legally protected group excluded for ethical reasons)

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (2)

- English speaking
- Ability to give informed consent

Exclusion (7)

- Prisoners (vulnerable population)
- Pregnant women <18 years of age
- Active psychosis, mania, suicidal ideation (safety)
- Active substance dependence
- Non-singleton pregnancy (e.g., twins)
- ... and 2 more (see full listing online)

Locations (2 total)

University of Minnesota, Minneapolis, Minnesota, United States
Washington University School of Medicine, St Louis, Missouri, United States

<https://clinicaltrials.gov/study/NCT05843396>

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