

Ability of Bedside Ultrasound to Predict and Optimize Metabolic and Neurodevelopmental Outcomes in Premature Infants in the Neonatal Intensive Care Unit

Status: Recruiting

Eligibility Criteria

Sex: All

Age: 2 Years to 4 Years old

This study is NOT accepting healthy volunteers

Inclusion Criteria:

- toddlers who were ≥ 36 weeks gestational age (GA) at birth who attend the University of Minnesota Masonic Children's Hospital NICU Follow Up Clinic
- written consent obtained from a parent before or at time of visit

Exclusion Criteria:

- toddlers who require medical support that prevents them from having ADP measurements taken
- those with an inability to sit in a supported seat for 5 minutes
- those weighing less than 10 kg

Conditions & Interventions

Interventions:

Device: Ultrasound

Conditions:

Prematurity

More Information

Description: This study explores the relationship between ultrasound measurements of muscle and adipose tissue and clinical, metabolic, and neurodevelopment outcomes in preterm infants.

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Phase: Pilot

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