

Functional Imaging of Baby Brains

NCT05514665

Status	RECRUITING
Sponsor	Hamilton Health Sciences Corporation
Enrollment	25 participants

Key Eligibility Criteria

Inclusion (3)

- Newborns admitted to the McMaster Children's Hospital Neonatal Intensive Care Unit with the diagnosis of hypoxic-ischemic encephalopathy will be considered for this study
- Gestational age of 35 weeks or greater
- Birth weight more than 1.8 Kg

Exclusion (1)

- (i) suspected or confirmed congenital malformations, (ii) chromosomal anomalies, (iii) inborn errors of metabolism, (iv) congenital infections, (v) neonatal encephalopathy other than HIE, (vi) baby requires respiratory support in the form of CPAP, Mechanical ventilation, high flow nasal cannula and (vii) scalp injury or non-intact skin surface in the scalp

Locations (1 total)

McMaster Children's Hospital, Hamilton, Ontario, Canada