

Perinatal Brain Injury: Potential of Innovative NIRS to Optimize Hypothermia

NCT02793999

Status RECRUITING
Sponsor Boston Children's Hospital
Enrollment 125 participants

Key Eligibility Criteria

Inclusion (6)

- Therapeutic Hypothermia (TH) Group:
- Undergo TH as part of their clinical management
- Parents consent to multiple measures in the first week of life.
- No Therapeutic Hypothermia (no-TH) Group:
- Signs will be defined broadly as any one of the following which can be considered evidence of NE caused by HIE or other etiologies: i) Seizures alone or ii) any of the following: abnormal consciousness, difficulty maintaining respiration, difficulty feeding (presumed central origin), abnormal tone or reflexes.
- ... and 1 more (see full listing online)

Locations (3 total)

Boston Children's Hospital, Boston, Massachusetts, United States
Brigham and Women's Hospital, Boston, Massachusetts, United States
Beth Israel Deaconess Medical Center, Boston, Massachusetts, United States