

Neuroimaging of Babies During Natural Sleep to Assess Typical Development and Cerebral Palsy

NCT06396520

| | |
|------------|---|
| Status | RECRUITING |
| Sponsor | Danish Research Centre for Magnetic Resonance |
| Enrollment | 200 participants |

Key Eligibility Criteria

Inclusion (16)

- Group: 'Newborn-detectable risk-pathway'
 - Preterm birth with gestational age below 32 weeks
 - Birth weight below 1500 g
 - Moderate to severe brain injury (A label of moderate to severe brain injury was considered if there was Papile grade three to four intraventricular haemorrhage, cystic periventricular leukomalacia, neonatal stroke, term hypoxic-ischaemic encephalopathy (e35 weeks gestation at birth) or other significant neurological condition)
 - History (e.g., neonatal seizures, ECMO, meningitis, kernicterus, severe hypoglycemia) or neurological risk factors (malformations in CNS, increased tone)
- ... and 11 more (see full listing online)

Exclusion (3)

- Infants have any MRI contraindications, e.g., pacemaker or other implanted electronic devices.
- Families do not speak or understand Danish.
- Families do not wish to be informed about incidental findings on the MRI, or scores within the clinical range in the neurological, motor, or cognitive assessments.

Locations (1 total)

Danish Research Centre for Magnetic Resonance, Hvidovre, Capital Region, Denmark