

Electrophysiologic Sleep Phenotyping and Sleep-Dependent Neuro-maturation in Clinical and Healthy Pediatric Populations

NCT04639830

Status	RECRUITING
Sponsor	National Institute of Mental Health (NIMH)
Enrollment	244 participants

Key Eligibility Criteria

Inclusion (28)

- Consent: Parent/caregiver (legal guardian) can give consent. NIH employees children are eligible to participate with the exception of NIMH employees children.
 - Comments: Parents will provide consent for all minors. Verbal assent will be obtained from minors 7 years and older when applicable.
 - The child is between 6 months & 76 months at the time of enrollment for the main study.
 - Comments: Prescreening assessment
 - Apnea hypopnea index (AHI) < 2/hour and no other evidence of sleep disordered breathing (SDB)
- ... and 23 more (see full listing online)

Exclusion (8)

- Any chronic or acute medical condition severe enough to interfere with completion overnight sleep study acquisition, such as a tracheotomy, uncontrolled seizure disorder, or ventilator dependency.
 - Comments: Screening assessment: Medical history
 - Primary language other than English in the home
 - Comments: Screening assessment
 - Diagnosed with any of the following common genetic disorders associated with intellectual impairment: Fragile X, Down Syndrome, PraderWilli, Rett, Angelman, Phelan -McDermid, Smith-Lemli-Opitz, identified with a disorders of autonomic dysfunction that might compromise breathing function (examples include congenital central hypoventilation syndrome, familial dysautonomia), disorders of skeletal deformities (Marfan, achondroplasia), a neurogenic condition (spinal muscular atrophy, Duchenne muscular dystrophy, myotonic dystrophy), congenital myopathies or storage diseases (mucopolysaccharidosis, NCL, Wilsons, etc.)
- ... and 3 more (see full listing online)

Locations (5 total)

National Institutes of Health Clinical Center, Bethesda, Maryland, United States
Boston Children's Hospital, Boston, Massachusetts, United States
New York University - Langone Medical Center, New York, New York, United States
... and 2 more locations