

International Study of Cerebral Oxygenation and Electrical Activity During Major Neonatal Surgery

NCT05673499

Status	RECRUITING
Sponsor	Children's Hospital of Philadelphia
Enrollment	900 participants

Key Eligibility Criteria

Inclusion (4)

- Infants < 60 weeks post-menstrual age on day of surgery.
- Neonatal surgery for congenital abdominal/gastrointestinal malformations (diaphragmatic hernia, gastroschisis, omphalocele, intestinal atresia, Hirschsprung's disease, imperforate anus, necrotizing enterocolitis), congenital cystic adenomatoid/pulmonary airway malformation (CCAM/CPAM), esophageal/tracheoesophageal fistula (EF/TEF), and spinal malformations (myelomeningocele, sacrococcygeal teratoma).
- The same patient may be enrolled multiple times for repeat or different procedures that meet the above criteria. These subjects will be counted more than once towards the enrollment goal.
- Parental/guardian permission.

Exclusion (1)

- Patients with hydrocephalus limiting frontal-parietal brain volume, intraventricular hemorrhage (grades 3 or 4), malformation or cerebral infarction of frontal-parietal brain.

Locations (15 total)

Children's Hospital at Montefiore/Albert Einstein College of Medicine, New York, New York, United States
Children's Hospital of Philadelphia, Philadelphia, Pennsylvania, United States
Children's Medical Center Dallas, Dallas, Texas, United States
... and 12 more locations