

Genomic Sequencing and Personalized Treatment for Birth Defects in Neonatal Intensive Care Units

NCT02551081

Status RECRUITING
Sponsor Children's Hospital of Fudan University
Enrollment 2,000 participants

Key Eligibility Criteria

Inclusion (6)

- One of the following criteria required.
- Neonates admitted to the Neonatal Intensive Care Units in one of the study hospitals
- Clinical genetic testing or a genetic consult is ordered
- Subject has one major structural anomaly or three or more minor anomalies
- Abnormal laboratory testing suggestive of a genetic disease
- ... and 1 more (see full listing online)

Exclusion (5)

- Previously performed exome/genome sequencing on patient
- Any infant in which clinical considerations preclude drawing 1.0 ml of blood
- Has features pathognomonic for a large chromosomal aberration (Trisomy 13, 18, 21 or other)
- Parents are unwilling to have genomic reports placed in the medical record or sent to their primary care pediatrician
- Parents refuse consent

Locations (1 total)

Children Hospital of Fudan University, Shanghai, Shanghai Municipality, China