

Quantification of Brain and Kidney Perfusion Before, During, and After Hypothermia Treatment in Neonates With Perinatal Asphyxia Using Contrast-enhanced Ultrasound

NCT06611254

Status RECRUITING
Sponsor University of Erlangen-Nürnberg Medical School
Enrollment 20 participants

Key Eligibility Criteria

Inclusion (13)

- Severe acidosis (pH ≤ 7.0 or a base deficit ≥ 16 mmol/l) in umbilical cord blood or a blood sample from the first hour of life, and
- clinical signs of moderate or severe encephalopathy (severity grade 2 or 3 according to Sarnat & Sarnat), and
- postnatal age ≤ 6 h, and
- gestational age ≥ 36 weeks' gestation
- Consent of the parents/legal guardians
- ... and 8 more (see full listing online)

Exclusion (3)

- Lack of consent of at least one parent
- Pre-existing brain malformations
- Absence of the competent examiner

Locations (1 total)

FAU Erlangen-Nuernberg, Erlangen, Bavaria, Germany