

Observational Study on Energy Expenditure and Protein Metabolism Changes in Patients With Severe Brain Injury.

NCT06577402

Status RECRUITING
Sponsor Southeast University, China
Enrollment 6 participants

Key Eligibility Criteria

Inclusion (4)

- Patients with severe neurological critical illness admitted to the ICU, including moderate to severe acute cerebrovascular disease, severe acute craniocerebral injury and spinal cord injury, central nervous system bacterial infections, status epilepticus, neurosurgical patients requiring life support during the perioperative period, and other progressive severe neurological conditions.
- Age ≥ 18 years old.
- Receiving invasive mechanical ventilation.
- Willing to sign an informed consent form.

Exclusion (13)

- Women of childbearing age with a positive pregnancy test, pregnant, or lactating women.
- Chronic diseases with severe organ dysfunction or serious complications:
 - Heart: New York Heart Association (NYHA) Functional Classification IV.
 - Lung: Chronic respiratory failure requiring long-term oxygen therapy.
 - Kidney: Chronic kidney disease stage 4 or 5; Liver: History of liver failure, hepatic encephalopathy, or hepatic coma, recent gastrointestinal bleeding due to portal hypertension, or Child-Pugh score ≥ 10.
- ... and 8 more (see full listing online)

Locations (1 total)

Zhongda Hospital, Southeast university, Nanjing, Jiangsu, China