

Remote Ischemic Preconditioning for Aute Type A Aortic Dissection Surgery

NCT07383909

Status	RECRUITING
Phase	Not Applicable
Sponsor	Fujian Medical University
Enrollment	1,296 participants

Key Eligibility Criteria

Inclusion (3)

- Age e18 years, with no restriction on sex;
- Diagnosis of acute Type A aortic dissection requiring emergency surgery (symptom onset \<14 days);
- Ability to understand the study objectives, voluntary provision of written informed consent by the patient or a legally authorized representative, and willingness to comply with follow-up.

Exclusion (11)

- Traumatic or iatrogenic aortic dissection;
- Previous open cardiac or thoracic aortic surgery;
- Severe preoperative dysfunction of vital organs, such as persistent deep coma, abdominal compartment syndrome, or circulatory failure;
- Severe comorbidities, including myocardial infarction within the past 7 days, stroke within the past 2 months; end-stage renal disease (eGFR \<30 ml/min/1.73 m²); end-stage liver disease (total bilirubin \>342 µol/L or INR \>2.0);
- Evidence of ischemia in the limb planned for intervention, such as decreased skin temperature, pain, pallor, with or without sensory disturbance, paralysis, or diminished/absent pulses; or severe deformity or prior arteriovenous surgery at the intervention site;

... and 6 more (see full listing online)

Locations (3 total)

Fujian Medical University Union Hospital, Fuzhou, Fujian, China
Xiamen Cardiovascular Hospital, Xiamen University, Xiamen, Fujian, China
The First Affiliated Hospital of Dalian Medical University, Dalian, Liaoning, China