

Safety and Efficacy of Remote Ischemic Conditioning for Patients Taking Off-pump Coronary Artery Bypass Grafting

NCT06141525

Status	RECRUITING
Phase	Not Applicable
Sponsor	First Affiliated Hospital Xi'an Jiaotong University
Enrollment	648 participants

Key Eligibility Criteria

Inclusion (5)

- Diagnosed with coronary artery disease and require off-pump CABG surgery.
- Between 18 and 75 years old;
- Normal left ventricular systolic function (ejection fraction $\geq 40\%$) and left ventricular end-diastolic internal diameter (≤ 60 mm) in the cardiac ultrasound tests;
- No or mild heart valve and great vessel abnormalities which do not require surgical intervention;
- Participants or their authorized relatives agree to participate in the clinical trial and sign the informed consent.

Exclusion (13)

- Severe tissue injuries.
- Myalgia, fractures and other peripheral vascular lesions.
- Bypass graft being the radial artery.
- Stenosis or severe malformations of the subclavian, jugular and femoral arteries and veins.
- Previous vagus nerve trunk dissection or vagus nerve block surgery.

... and 8 more (see full listing online)

Locations (1 total)

First Affiliated Hospital of Xi'an Jiantong University, Xi'an, Shaanxi, China