

Clinical Implications of Three-vessel Ultrasonic Flow Ratio Measurement in Patients With Coronary Artery Disease

NCT06822894

Status RECRUITING
Sponsor China National Center for Cardiovascular Diseases
Enrollment 494 participants

Key Eligibility Criteria

Inclusion (5)

- Stable angina pectoris, unstable angina pectoris, or after the acute phase of myocardial infarction
- Age ≥18 years
- Written informed consent
- Angiographically confirmed ≥30% diameter stenosis in all three major epicardial coronary arteries (left anterior descending, left circumflex, and right coronary artery)
- Patients with clinical indications for revascularization who have successfully completed percutaneous coronary intervention (PCI) prior to study enrollment

Exclusion (10)

- Ineligible for diagnostic IVUS examination
- Prior coronary artery bypass grafting (CABG)
- Myocardial infarction within 72 hours of coronary angiography
- Severe heart failure (NYHA grade ≥ III)
- Serum creatinine levels >150 $\mu\text{mol/L}$, or glomerular filtration rates <45 ml/kg/1.73 m^2
- ... and 5 more (see full listing online)

Locations (1 total)

Fuwai Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China