

Study on the Improvement of Myocardial Microcirculation After Acute Anterior Myocardial Infarction

NCT06154395

Status	RECRUITING
Phase	Not Applicable
Sponsor	Harbin Medical University
Enrollment	90 participants

Key Eligibility Criteria

Inclusion (6)

- Subjects aged ≥18 years;
 - Initial diagnosis of anterior wall ST-segment elevation myocardial infarction, with symptoms occurring within 6 hours, and undergoing primary percutaneous coronary intervention (PCI);
 - Subjects (or legal representatives) who understand the study requirements and treatment procedures and provide signed informed consent.
 - Target lesion is the culprit lesion, located in the native coronary artery, with a visually estimated reference vessel diameter (RVD) between 2.25 mm and 4.0 mm;
 - Culprit segment of the infarct-related artery (IRA) is located between the origin of the left anterior descending (LAD) artery and the emergence of the second diagonal branch (D2);
- ... and 1 more (see full listing online)

Exclusion (13)

- History of coronary artery bypass grafting (CABG);
 - Known history of myocardial infarction or PCI;
 - Previous thrombolytic therapy before PCI;
 - Severe liver or kidney dysfunction, severe valvular heart disease, chronic obstructive pulmonary disease, etc.;
 - Contraindications to magnetic resonance imaging;
- ... and 8 more (see full listing online)

Locations (1 total)

The 2nd Affiliated Hospital of Harbin Medical University, Harbin, Heilongjiang, China