

Effect of PCSK9 Inhibitors on Coronary Atherosclerotic Plaques Derived From Optical Coherence Tomography

NCT06520904

Status	RECRUITING
Phase	Phase 4
Sponsor	First Affiliated Hospital of Xinjiang Medical University
Enrollment	396 participants

Key Eligibility Criteria

Inclusion (3)

- Men aged 18-55 years and women aged 18-65 years;
- CAD patients with coronary angiographically confirmed lesions in ≥ 2 vessels; at least one vessel was critically diseased (50-70% stenosis level);
- LDL-C > 3.4 mmol/L without regular statin therapy or LDL-C > 1.8 mmol/L after 4 weeks of statin lipid-lowering therapy.

Exclusion (11)

- Known allergies or contraindications to PCSK9 inhibitors and/or statin therapy;
- Prior use of PCSK9 inhibitors;
- Prior history of hemorrhagic stroke;
- Prior coronary artery bypass grafting or coronary intervention;
- Inability to perform OCT imaging or unclear imaging;
- ... and 6 more (see full listing online)

Locations (1 total)

First Affiliated Hospital of Xinjiang Medical University, Ürümqi, Xinjiang, China