

A Prospective Multicenter Clinical Study Intracoronary near-Infrared Spectroscopy and Optical Coherence Tomography for Evaluating Coronary vulnerable Plaque in Patients With diabetes

NCT06649305

Status	RECRUITING
Sponsor	Shanghai Zhongshan Hospital
Enrollment	1,516 participants

Key Eligibility Criteria

Inclusion (5)

- years old or older, gender is not limited
- Patients with diabetes who require an OCT examination or treatment under OCT guidance (diabetes definition: active treatment with insulin or oral hypoglycemic agents at admission). For patients with diabetes who are treated with diet only, abnormal fasting blood sugar (>7 mmol/l), blood sugar >11.1 mmol/l at any time, or abnormal glucose tolerance tests based on World Health Organization standards need to be recorded.
- Be able to understand the purpose of clinical research, voluntarily participate can complete the observation as required and sign the informed consent form
- Lesion stenosis greater than or equal to 50% without interventional treatment
- The diameter of the blood vessel in the diseased segment is greater than or equal to 2.5 mm

Exclusion (12)

- Severe coagulation dysfunction (APTT greater than 3 times the upper limit of the normal range)
- Severe hemodynamic disorder or shock that cannot be corrected
- Patients with renal impairment $eGFR < 30$ mL/min/1.73m²
- Severe symptoms of heart failure (NYHA III and above) or left ventricular ejection fraction $< 30\%$
- The presence or suspected presence of infective endocarditis or systemic active infection
- ... and 7 more (see full listing online)

Locations (1 total)

Zhongshan Hospital, Shanghai, Shanghai Municipality, China