

Helium-free Magnetocardiography Guided Therapy for Stable Coronary Artery Disease - A Randomized Controlled Trial

NCT07341932

Status	RECRUITING
Phase	Not Applicable
Sponsor	Beijing Anzhen Hospital
Enrollment	1,312 participants

Key Eligibility Criteria

Inclusion (8)

- Age 18-80 years, regardless of gender.
- Patients with stable coronary artery disease (CAD).
- Coronary computed tomography angiography (CCTA) shows at least one major coronary vessel (diameter ≥ 2.5 mm) with 50-90% stenosis. Patients with 50-69% stenosis must have typical or atypical angina; for those with 70-90% stenosis, the presence of chest pain symptoms is not required.
- **Note:** Chest pain is characterized by the following three features:
 - (1) Chest discomfort lasting less than 15 minutes;
 - (2) Precipitated by physical exertion or emotional stress;
 - (3) Relieved by rest or nitrates.Based on these, angina is classified as:
 - Typical angina: all 3 features are present;
 - ... and 3 more (see full listing online)

Exclusion (11)

- Previous myocardial infarction, PCI, CABG, or coronary angiography indicating stenosis $\geq 50\%$ in a major vessel.
- CCTA indicating left main coronary artery stenosis $> 50\%$ and/or three-vessel disease.
- History of cardiac dysfunction (e.g. NYHA Class III), severe congenital heart disease, valvular heart disease, or cardiomyopathy.
- Complex arrhythmias, such as frequent atrial premature beats, ventricular premature beats, atrial fibrillation, atrial flutter, etc.
- History of metal implant placement (including mechanical valves, pacemakers, orthopedic internal fixation plates, drug pumps, etc.).
- ... and 6 more (see full listing online)

Locations (5 total)

Air Force Medical Center, People's Liberation Army of China, Beijing, Beijing Municipality, China
Beijing United Family Hospital, Beijing, Beijing Municipality, China
Beijing Anzhen Hospital, Beijing, Beijing Municipality, China
... and 2 more locations