

18F FDG and 68Ga FAPI PET/MR Imaging of Carotid Artery Plaque Vulnerability: A Clinical Study in Carotid Artery Plaque Patients

NCT07004673

Status RECRUITING
Sponsor Ruijin Hospital
Enrollment 100 participants

Key Eligibility Criteria

Inclusion (1)

- Age between 18 and 80 years; Presence of carotid atherosclerotic plaque confirmed by ultrasound within the past two weeks, with carotid intima-media thickness (IMT) ≥ 2 mm (IMT ≥ 1.2 mm is defined as carotid atherosclerosis) or carotid artery stenosis $\geq 50\%$ as indicated by CTA.

Exclusion (1)

- Absolute or relative contraindications related to PET/MR imaging safety (e.g., metallic implants, MRI phobia, etc.); Patients who have undergone carotid endarterectomy (CEA) or carotid artery stenting (CAS); Pregnant or lactating women; Presence of other vascular diseases, such as vasculitis, moyamoya disease, arterial dissection, etc.; Severe agitation or inability to cooperate with imaging procedures.

Locations (1 total)

Department of neurology, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, Shanghai Municipality, China