

Evaluation of Vulnerability of Carotid Plaques and Prediction of Cardio-Cerebrovascular Event Using Ultrasonic Imaging

NCT06473272

Status RECRUITING
Sponsor Shanghai General Hospital, Shanghai Jiao Tong University School of Medicine
Enrollment 600 participants

Key Eligibility Criteria

Inclusion (3)

- Patients who fully understand the purpose and significance of this experiment, voluntarily participate, and voluntarily sign the informed consent form;
- Patients over 40 years old;
- Patients with carotid plaque thickness \leq 1.5 mm on conventional ultrasound, undergoing routine duplex ultrasound, contrast-enhanced ultrasound, ultrasound elastography, and three-dimensional ultrasound imaging.

Exclusion (3)

- Patients with severe cardiopulmonary insufficiency; allergy to sulfur hexafluoride; pregnant or lactating women; those with advanced tumors;
- Poor quality of ultrasound images;
- Patients who have previously undergone carotid artery stenting or endarterectomy on the same side as the carotid plaque.

Locations (1 total)

Shanghai General Hospital, Shanghai, Shanghai Municipality, China