

AI Models for Cerebral Aneurysms Segmentation, Detection and Stability Prediction

NCT06766422

Status	RECRUITING
Sponsor	Shanghai Jiao Tong University Affiliated Sixth People's Hospital
Enrollment	10,000 participants

Key Eligibility Criteria

Inclusion (4)

- Age e 18 years;
- Preliminary diagnosis or symptoms indicating the presence or potential presence of a cerebral aneurysm;
- Undergoing a non-contrast head MRA or contrast-enhanced head/neck CTA;
- The patient or their legal representative is able and willing to sign an informed consent form.

Exclusion (7)

- Other intracranial vascular diseases: moyamoya disease, arteriovenous malformations, arteriovenous fistulas, arterial occlusions, and arterial dissections;
- History of intracranial arterial interventions: stent placement, partial aneurysm coil treatment, etc.;
- Severe allergy to contrast agents or absolute contraindications to iodine-based contrast agents;
- Renal insufficiency with elevated serum creatinine (greater than twice the upper normal limit);
- MRI contraindications: pacemakers, claustrophobia, etc.;
- ... and 2 more (see full listing online)

Locations (1 total)

Shanghai Sixth People's Hospital, Shanghai, 200023, Shanghai, China