

Morphologic Evolution and Remodeling of Intracranial Atherosclerosis: A Longitudinal Study by 3D-rotational Angiography

NCT03295773

Status RECRUITING
Sponsor Chinese University of Hong Kong
Enrollment 140 participants

Key Eligibility Criteria

Inclusion (4)

- Patient is 30 to 85 years of age, inclusive.
- Patients who have an acute infarct in diffusion-weighted MRI compatible with artery-to-artery thrombo-embolism and a relevant intracranial atherosclerotic stenosis $\geq 60\%$.
- Patient who has no contra-indication for the proposed imaging tests.
- Patient understands the purpose and requirements of the study, and has provided an informed consent.

Exclusion (5)

- Patient with any of the following conditions would be excluded:
- Stroke etiology uncertain or unrelated to intracranial atherosclerosis, such as cardioembolism, Moyamoya disease, small vessel disease or primary angiitis of CNS.
- A tandem stenosis $\geq 50\%$ at extra-cranial internal carotid artery.
- Bleeding propensity: active peptic ulcer disease, major systemic hemorrhage within 30 days, thrombocytopenia (platelets $< 100 \times 10^9/L$), coagulopathy (INR > 1.5).
- A medical condition that would not allow the patient to adhere to the protocol or complete the study.

Locations (1 total)

Chinese University of Hong Kong, Hong Kong, Hong Kong