

Association Between Local Cerebral Oxygenation Monitoring and Postoperative Stroke in Carotid Endarterectomy

NCT06406842

Status	RECRUITING
Phase	Not Applicable
Sponsor	Beijing Tiantan Hospital
Enrollment	560 participants

Plain Language Summary

This observational study looks at whether monitoring oxygen levels in the brain during carotid artery surgery (a procedure to clear blockages in neck arteries) can help predict thinking and memory problems after the operation.

****You may be eligible if...****

- You are between 18 and 80 years old
- You are scheduled for planned (non-emergency) carotid endarterectomy surgery
- You are classified as ASA physical status II or III (mild to moderate health issues)

****You may NOT be eligible if...****

- You have moderate or severe cognitive impairment before surgery
- You have taken psychiatric medications within the past year
- You have had previous brain or nerve surgery
- You have speech or language impairments that would affect testing

Talk to your doctor to see if this trial is right for you.

Key Eligibility Criteria

Inclusion (3)

- Patients scheduled for elective carotid endarterectomy
- ASA a or b
- aged 18-80 years old

Exclusion (4)

- preoperative moderate and severe cognitive impairment
- preoperative psychotropic medication history within one year
- history of neurosurgery
- have speech or language impairments

Locations (2 total)

Xuanwu Hospital, Capital Medical University, Beijing, Beijing Municipality, China
Beijing Tian Tan Hospital, Capital Medical University, Beijing, Beijing Municipality, China

<https://clinicaltrials.gov/study/NCT06406842>

DISCLAIMER: This document is for informational purposes only and does not constitute medical advice. Always consult your healthcare provider before enrolling in any clinical trial. Information may not be up to date — verify details at [ClinicalTrials.gov](https://clinicaltrials.gov). Generated by [ClinicalTrialsFinder.org](https://clinicaltrialsfinder.org).