

Correlation Between Carotid Stump Pressure and Interhemispheric rSO₂ Asymmetry During Awake Carotid Endarterectomy

NCT07150260

Status RECRUITING
Sponsor Izmir Katip Celebi University
Enrollment 60 participants

Key Eligibility Criteria

Inclusion (6)

- Adults aged 18 years or older
- Scheduled for elective carotid endarterectomy (CEA)
- Able to tolerate surgery under regional anesthesia (superficial cervical plexus block)
- Availability of bilateral regional cerebral oxygen saturation (rSO₂) measurements by near-infrared spectroscopy (NIRS)
- Successful intraoperative carotid stump pressure (SP) measurement after cross-clamping
- ... and 1 more (see full listing online)

Exclusion (7)

- Incomplete NIRS or SP recordings
- Conversion from regional to general anesthesia
- Intraoperative technical complications preventing monitoring
- History of prior ipsilateral carotid endarterectomy or carotid artery stenting
- Recent major stroke with permanent neurological deficit
- ... and 2 more (see full listing online)

Locations (1 total)

Izmir Katip Celebi University Atatürk Training and Research Hospital, Izmir, Turkey (Türkiye)