

The Efficacy and Safety of Intracranial Stent (Tonbridge) in Endovascular Treatment of Symptomatic Intracranial Atherosclerotic Stenosis

NCT05757505

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| Status | RECRUITING |
| Phase | Not Applicable |
| Sponsor | Ton-Bridge Medical Tech. Co., Ltd |
| Enrollment | 200 participants |

Key Eligibility Criteria

Inclusion (10)

- Age 18-75;
- Subjects with symptomatic intracranial atherosclerotic stenosis who do not respond to antiplatelet therapy or have poor compensation of collateral circulation and hypoperfusion in the offending vessel blood supply;
- The last onset time of TIA is not limited or the last onset of ischemic stroke is more than 2 weeks;
- The lesion is confirmed to be located in intracranial large arteries, including intracranial segment of the internal carotid artery, middle cerebral artery, intracranial segment of vertebral artery and the basilar artery;
- Target vessel diameter ≥ 2.0 mm and ≤ 4.5 mm, lesion length ≤ 33 mm;
- ... and 5 more (see full listing online)

Exclusion (18)

- Intracranial arterial stenosis caused by non-atherosclerotic lesions: such as arterial dissection, moyamoya disease, vasculitis, active arteritis, etc.;
- Preoperative MRI shows only perforator infarction in the target lesion;
- Preoperative CT or MRI indicates the presence of post-infarct hemorrhagic transformation in the target vascular, or a history of subarachnoid, subdural, and epidural hemorrhage within 30 days before procedure, or the presence of untreated chronic subdural hematoma (≥ 5 mm);
- Severe calcification of target vessels; or target vessel tortuosity or other reasons will make experimental device difficult to reach the target lesion position;
- There is more than 70% stenosis in the distal intracranial large vessels or proximal intracranial and extracranial large vessels of the target vessels, and the presence of unidentified responsible lesions;
- ... and 13 more (see full listing online)

Locations (13 total)

The First Affiliated Hospital of Henan Science Technology University, Luoyang, Henan, China
Zhongnan Hospital of Wuhan University, Wuhan, Hubei, China
Nanjing Drum Tower Hospital, Nanjing, Jiangsu, China
... and 10 more locations