

# Optimal Target Low-density Lipoprotein Cholesterol Level for Small Vessel Occlusion Stroke

NCT06649240

---

|            |                                    |
|------------|------------------------------------|
| Status     | RECRUITING                         |
| Phase      | Not Applicable                     |
| Sponsor    | Seoul National University Hospital |
| Enrollment | 4,016 participants                 |

## Key Eligibility Criteria

---

### Inclusion (4)

- Age 19 years or older
- Patients with objectively confirmed small vessel occlusive infarctions in the subcortical or brainstem regions, identified through neuroimaging (MRI or CT)
- Patients with a history of symptomatic ischemic stroke caused by the lesion described in 2), occurring within 180 days prior to enrollment
- Patients or guardians who agree to the study protocol and sign with informed consent

### Exclusion (4)

- Patients requiring intensive LDL cholesterol management (LDL-C  $<70$  mg/dL) due to another condition, with LDL cholesterol targets specified in the guidelines for that condition
- Patients contraindicated for statin use (e.g., active liver disease, serum transaminase levels elevated more than three times the normal limit, muscle disorders, hypersensitivity to statins, or taking medications contraindicated for use with statins)
- Women who are pregnant, breastfeeding, or intending to become pregnant during the study period
- Deemed unsuitable for participation in the study for more than four years, as per the investigators' discretion

## Locations (46 total)

---

Korea University Ansan Hospital, Ansan, South Korea  
Hallym University Sacred Heart Hospital, Anyang, South Korea  
Pusan National University Hospital, Busan, South Korea  
... and 43 more locations