



Determinants of Incident Stroke Cognitive Outcomes & Vascular Effects on Recovery

DISCOVERY is an observational study that aims to reduce the rates of vascular and cognitive impairment and dementia (VCID) in admitted patients who have had a stroke. Through a series of blood collections, cognitive assessments, and brain scans, DISCOVERY is looking to identify mechanisms of brain resilience and susceptibility to post-stroke cognitive impairment and dementia (PSCID) in diverse US populations.






Key Inclusion Criteria

- Age ≥ 18 years
- Admitted with a diagnosis and radiographic evidence of AIS, non-traumatic ICH, or non-traumatic aSAH
- Able to complete baseline visit in person or by phone within 6 weeks of stroke onset
- Fluent in English or Spanish prior to stroke onset

Key Exclusion Criteria

- Documented history of pre-stroke dementia or fails dementia pre-screen
- Unable to complete study protocol (e.g., CMO), as determined by physician investigator during screening

Study Procedures for Patients

-  Patients will be interviewed for demographic and medical history, have a neurological and physical exam, and complete cognitive tests
-  Blood draw
-  In-person visits at 3-6 and 18 months
-  Follow-up phone calls
-  Patients may be asked to complete additional blood draws, brain imaging (MRI and/or PET scan), and cognitive tests during clinic follow-up

Site PI Contact:

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