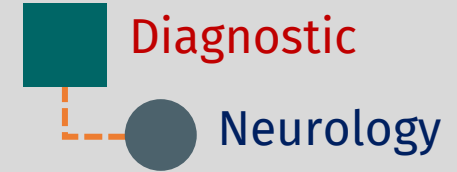


Berlin Prehospital Collection of Biosamples in Stroke and other Emergencies – B_PRECISE



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SUMMARY

Acute neurovascular diseases are leading causes of death and disability globally. There is an urgent need for fast characterization of different types of stroke to initiate appropriate treatment. However, currently there are no biomarkers that allow to differentiate between hemorrhagic and ischemic stroke.

The team is utilizing the mobile stroke unit (MSU) network in Berlin to enable a highly standardized collection of bio-samples derived from stroke patients immediately after symptom onset.

The aim is to identify biomarkers that enable the differentiation between types of stroke in the acute phase in order to allow faster treatment initiation, triage to the correct hospital and maximize treatment outcomes.

PROJECT GOALS

- Identify and select a suitable biomarker panel for distinguishing between ischemic and hemorrhagic stroke

LONG-TERM GOALS

- Development of a nanobody-based PoC diagnostic test to differentiate between types of stroke
- Clinical study and certification as IVD
- Outlicense to industry