

Imperial post-stroke aphasia recovery study

Principal Investigator

Dr Fatemeh Geranmayeh

Summary

Country	UK
Principal Investigator	Dr Fatemeh Geranmayeh
Key publication/reference	James D Stefaniak, Fatemeh Geranmayeh, Matthew A Lambon Ralph, The multidimensional nature of aphasia recovery post-stroke, Brain, Volume 145, Issue 4, April 2022, Pages 1354–1367, https://doi.org/10.1093/brain/awab377
Years in which study conducted	2011-2015
Follow-up schedule	Longitudinal follow up of acute left hemisphere stroke with assessments at approx- 1week and again at approx. 4 months.
Sample	
Sample size (baseline sample)	60 patients and 27 older controls (Control IDS start with 1: 101, 102). Some patients with severe strokes did not have baseline scan, and only at 4 months.
Population	Hospital (observational)
Inclusion criteria	Recent stroke
Selection	Consecutive
Admit with previous stroke?	No
Admit with TIA?	No
Age range	Inclusion: 18-80
Number of centres	1
Control group: number, population, selection	27 older controls (Control IDS start with 1: 101, 102) Most controls also had 2 scans in line with the patients.

Assessment	
Initial assessment (time and data collected/tests administered)	
First detailed assessment (time and data collected/tests administered)	Approximately 1 week but variable range depending on patients' clinical status. Comprehensive Aphasia Test battery (includes: word fluency, comprehension, repetition, naming, reading).
Follow-up schedule (time and data collected/tests administered)	4 months.
Stroke-related data	Lesion site, cardiovascular risk factors, thrombolysis, NIHSS, Handedness
Functional tests	
Neuropsychological/cognitive tests	See above
Dementia diagnosis	Not applicable.
MRI scans (type e.g., T1-weighted; when and how many)	T1, fMRI and DTI at both time points
PET scans	NA
Psychiatric exams	NA
Genetics data (e.g., GWAS, APOE)	NA
Blood analysis	NA
Information regarding ethics approval and patient consent:	
Please state the name of the ethics board and ethics approval number	NRES Committee London - West London & GTAC Title: Assessing the mechanisms of recovery of aphasic speech production. REC reference:11/LO/0543 IRAS project ID:7571
Were participants asked to give consent to their data being shared for research purposes?	No Study Predated GDPR regulations, but they did not explicitly refuse sharing of anonymous data.

Were participants asked to give consent to their data being shared with third parties?

No

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