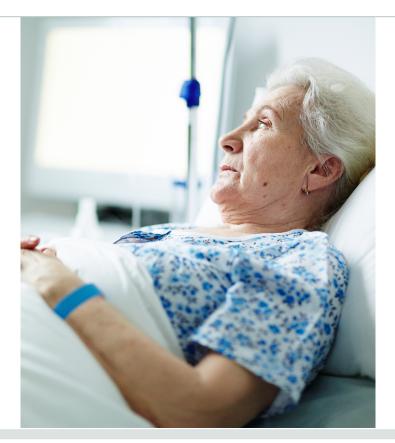
LANGUAGE RECOVERY RESEARCH STUDY Stroke Cognitive Outcomes and REcovery (SCORE) Lab



If you have difficulty with language after a recent stroke, you may qualify to participate in a research study offering free therapy

This study was approved by the Johns Hopkins Institutional Review Board: IRB# IRB00203667 ClinicalTrials.gov Identifier: NCT03843463

ELISA

ESCITALOPRAM & LANGUAGE INTERVENTION FOR SUBACUTE APHASIA (ELISA)

STUDY OVERVIEW

We are conducting a research study to investigate if a drug called escitalopram can improve language therapy effectiveness in individuals with aphasia (language difficulties) within 3 months after a stroke.

Participants will be randomly selected to receive escitalopram (an FDA-approved drug for depression) or a placebo (an inactive material that does not contain any active study drug) while all participants with language difficulties will receive free computer-based speech therapy.

STUDY DURATION

Participants must enroll within 5 days of their stroke and will be in the main portion of the study for about 1 year, including follow-up testing.

WHAT WILL PARTICIPANTS RECEIVE?

- Active study drug (escitalopram) or placebo
- Free computer-based speech therapy
- Reimbursement for travel and parking expenses
- Free language assessments



STUDY TIMELINE

01	Initial Screening & Enrollment	You will have an initial screening, which may include a picture of your brain called a magnetic resonance image (MRI) or a series of measurements taken using near-infrared light (NIRS). You must enroll and begin the research study within 5 days of your stroke.
02	Baseline Language Assessments	After enrolling, shortly after your stroke, you will perform various tasks to assess your language skills. These include tasks such as naming pictures and answering questions.
03	Random Assignment to Receive Study Drug or Placebo	Next, you will be randomly assigned (like a flip of a coin) to receive the study drug escitalopram or a placebo (an inactive material that does not contain any active study drug) to be taken for 3 months (90 days).
04	Computer- Based Speech Therapy	At around 2 months after your stroke, if you still have language problems caused by the stroke, you will receive 15 sessions of naming treatment over the course of 3-4 weeks. This is performed on a computer for 45-minute sessions. Sessions can be done at your home, at the hospital, or remotely. If you attend in person, we can provide compensation for certain travel and parking expenses.
05	Follow-Up Language Assessments	Upon completion of the computerized speech therapy program, you will undergo language assessments at 1 week, 5 weeks and 20 weeks following your final speech therapy session.

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FREQUENTLY ASKED QUESTIONS

WHO IS ELIGIBLE?

You may be eligible if you meet the following criteria:

- 18 years old or older
- Stroke in the left side of your brain
- Right-handed
- Fluent in English
- Able to enroll within 5 days of your stroke

WHO IS CONDUCTING THIS RESEARCH STUDY?

This is a research project of the Stroke Cognitive Outcomes and Recovery (SCORE) Lab. We are a friendly team of Johns Hopkins University professionals working to understand the brain. A primary goal of our lab is to find novel therapies for speech-language difficulties also known as aphasia. To find out more about our lab, please visit our website: <u>score.jhmi.edu</u>

WHO CAN I CONTACT FOR MORE INFORMATION?

Please contact the principal investigator for more information: Dr. Argye Hillis Email: argye@jhmi.edu Office Phone: 443-287-4610

