



NYU PROSPEC

New York University

Patient Registry for the Study of Perception, Emotion & Cognition

A collaborative initiative between NYU School of Medicine and NYU School of Arts and Science

NYU PROSPEC is a growing database of normal control and patient participants with focal brain lesions who have agreed to be contacted for participation in behavioral and neuroimaging research studies at NYU.

Screening and Characterization

All participants are extensively characterized upon initial screening with:

- Clinical interview and review of available medical records.
- Comprehensive neuropsychological assessment, including a full intellectual measure and tests of attention/concentration, working memory, processing speed, memory, language, visuospatial and perceptual skills, and executive functioning.
- Symptom inventories to quantify depression and anxiety symptoms.
- Clinical or research-quality structural MRIs for gross visualization of lesion location and extent.
- MRI post-processing methods for precise localization and quantification of lesion extent.

Current Sample

Currently, PROSPEC includes over 180 individuals who have been screened and fully characterized. All patients have focal brain lesions following stroke or neurosurgery to treat tumors, focal epilepsy, vascular malformations, or cortical malformations. New referrals are screened weekly. Participants are compensated for their time and travel expenses.

Referral Basis

We have established a strong referral stream based on relationships with:

- NYU Department of Neurology and Comprehensive Epilepsy Center
- NYU Department of Neurosurgery
- Rusk Institute Motor Recovery Lab
- Manhattan VA Department of Neurosurgery

Grant Support

- PROSPEC is currently supported by: School of Arts and Science (Dean's Office), National Institute of Health (Liz Phelps, Ph.D.), Finding a Cure for Epilepsy and Seizures (Orrin Devinsky, M.D.), NYU Neuroscience Institute Pilot Grant, and a Center for Brain Imaging Pilot Grant.
- There is great potential for securing additional grant support due to the unique translational impact PROSPEC offers to existing behavioral and neuroimaging research programs.

Contact: Michael R. Meager, Psy.D.
Primary Investigator
Director, NYU PROSPEC
Clinical Neuropsychologist

Email: Michael.Meager@nyu.edu
Phone: 212-998-8896
Office: Room 884, Meyer Building
6 Washington Place, New York, NY 10003



NEW YORK UNIVERSITY

