

Volunteers Needed

FOR AN IMAGING RESEARCH STUDY

on Glutathione Levels in Parkinson's Disease



- Are you living with **Parkinson's disease**?
- Are you **neurologically healthy** but interested in advancing research in Parkinson disease?

📍 **Location:** Stanford University

📞 **Interested? Contact our study team:**

Dr. Hengameh Zahed, Assistant Clinical Professor of Neurology

Maya Cooper, Clinical Research Coordinator

✉️ pdimagingstudy@stanford.edu | 📞 (650)-724-5897

Study Purpose:

- Glutathione is an antioxidant naturally made by the body that is important for protecting cells from oxidative damage. Its levels have been shown to be reduced in Parkinson disease, but there is currently no way to easily measure this in patients.
- We hope to see if we can indirectly measure brain levels of glutathione in patients with Parkinson's Disease and age-matched neurologically healthy participants, using imaging scans.

What's Involved:

Study participation includes a total of 3 visits: A Screening visit and (2) separate brain imaging study visits (one for a brain MRI and another for a radiotracer-based brain scan)

You may qualify if you:

- ✅ Are between 40-80 years old
- ✅ Have been diagnosed with Parkinson's Disease OR are healthy without a neurological or psychiatric diagnosis
- ✅ Are able to undergo a brain MRI study and can lie flat in a scanner for up to 45min
- ✅ Can give informed consent and are NOT pregnant (if of child-bearing age)

This research study is approved by the Stanford University Institutional Review Board.

For complaints, concerns, or Participant's rights, contact 1-866-680-2906.