

The Official Newsletter of the **STROKE RECOVERY PROGRAM**

ONGOING STUDIES:

VTS REHAB GLOVE

Investigating new wearable stimulation devices for hand rehabilitation after stroke using the VTS Rehab Glove, a wireless, computerized vibratory glove.

SURVIVOR SURVEY

An online survey-based study to help assistive device design researchers understand what is important to you, the stroke survivor to create appropriate and effective at-home stroke technology.

NEUROCOACH

A virtual therapist for stroke rehab therapy, connecting patients to their occupational therapist from the comfort of their home to promote recovery.

STROKECOG

Tracking memory and cognition over time with annual testing and a small blood draw to find biomarkers.



CELEBRATING HEROES

First responders held a brigade for Stanford Healthcare as hospital shifts were changing over from night to day.

COVID UPDATES

After a yearlong quarantine, the road back to normalcy seems to be on the horizon. The health and safety of our participants and staff remains our top priority as we prepare to restart research visits. Over 70% of residents 16 and older in all Bay Area counties have now received at least one dose of a COVID-19 vaccine. Our research staff are fully vaccinated at this time and we are preparing to welcome back vaccinated participants who feel comfortable coming back to Stanford for research. If you are a part of the StrokeCog research study we are very excited to announce that our research coordinators will be reaching out shortly to schedule in person research appointments with participants who are vaccinated and feel comfortable coming back.

THE VTS REHAB GLOVE

This study is investigating new wearable stimulation devices for hand rehabilitation after stroke. The VTS Rehab Glove is a wireless, computerized glove that stroke survivors can wear during their daily life to provide gentle, vibratory stimulation to the affected hand or arm. No exercises are required. Study participants are invited to try the stimulation devices in lab, and may be selected to take a device home as part of a longer study.

We are currently enrolling individuals with stroke-related hand spasticity (ex: fingers that curl or need stretching).

If interested please contact us at seim@stanford.edu or at 404-290-5941.



EXPANDING OVERSEAS: MANCHESTER, UK

Over the past year, Stanford has been working to expand the reach of our research by seeking collaboration with sites beyond our local area. Our previous collaboration in Manchester with the Stroke-IMPACT project (Stroke-Immune Mediated Pathways and Cognitive Trajectory) gave us the confidence to lay the groundwork for another branch of our research in the United Kingdom.

The Manchester stroke research group is one of the largest groups of stroke researchers in the UK with a wide variety of interests from pathways that help us understand the biological and chemical processes that go on in the brain, to clinical trials that explore how those processes apply to a broader population. This stroke research group is led by professors from the University of Manchester. This includes a Professor of Stroke Medicine, Prof. Craig Smith, a Neuroimaging reader, Dr. Laura Parkes, and a Professor of Neuroscience, Prof. Stuart Allan.

Each of these scientists have worked extensively to explore the relationship between inflammation and the brain, whether its quantifying that through neuroimaging or looking for translational pathways that can further our understanding. We are excited to begin working with the Manchester stroke research group to open a new branch of the StrokeCog research study in the UK. This allows us to recruit patients in Manchester in addition to the ongoing recruitment happening at Stanford. This added branch of the StrokeCog research study builds on our longitudinal study by providing important insight into the changes that may be happening in the brain post-stroke in a population beyond the bay area.



SUPPORT THE STANFORD STROKE RECOVERY PROGRAM

Learn more. Visit our website to learn more about stroke recovery and find more information about our ongoing trials.

Participate. Could you or someone you know benefit from participating in one of our studies? Let us know! Contact us for more information or visit ClinicalTrials.gov to find ongoing clinical trials near you.

Donate. Consider contributing to our cause and help others by supporting the research that helps develop novel therapies.

Contact Us. 650.723.8886 StrokeRecovery@stanford.edu <https://stan.md/StrokeRecovery>