

Senseye Diagnostic Tool

PTSD Diagnosis and Symptom Severity Monitoring

CLINICAL RESEARCH STUDY

FOR PATIENTS WITH TRAUMA EXPOSURE, WITH OR WITHOUT PTSD

Now recruiting adults 18 and above for non-invasive groundbreaking PTSD diagnostic device study. Compensation for time & travel provided.

STUDY PURPOSE

- To determine if Post-Traumatic Stress Disorder (PTSD) is present in a non-invasive manner that doesn't require extensive questioning about the traumatic experience
- To test a software-based tool that is designed to be as accurate as today's standard of care, but in significantly less time
- To gather the data needed for FDA approval of the first-ever mobile phone mental health diagnostic device, making it available and accessible to PTSD patients nationwide

ELIGIBLE PARTICIPANTS

- Adults age 18 and above with trauma exposure, with or without known PTSD diagnosis and/or symptoms
- Eligible participants should be located within 1 hour of the Austin Area
- Exclusions: Pregnancy, severe eye disorders, seizure disorders (e.g., epilepsy), psychosis or mania (full list of exclusions provided upon screening)

STUDY DETAILS

- 4 study visits: screening (virtual), initial intake (virtual), & 2 Senseye tool sessions (inperson), plus 2 sets of at-home questionnaires
- Total time commitment is approximately 7 hours over the 4 visits
- Compensation provided \$400 Total: receive \$100 for initial intake, then \$125 for each of the 2 in-person study visits, and \$25 each for the 2 at-home questionnaire completions
- Location of in-person visit: Downtown Austin, TX
- Risks may include anxiety, feeling upset or distressed due to emotional image content, fatigue, or headache

Interested? Go to: www.senseye.co/study

The world's first diagnostic platform for objectively assessing mental health, starting with PTSD

Our brain-based methodology makes diagnosis of mental health conditions truly objective. There are clear digital biomarkers of mental health expressed by eye physiology.





HOW IT WORKS

We look for disruptions in the sympathetic nervous system through the eyes

Using an evidence-based approach combined with cutting edge computer vision and a proprietary machine learning algorithm, we can deliver a short ocular test using a mobile phone.



1. PATIENT SESSION WITH SENSEYE APP



2. COMPUTER VISION MASKS APPLIED



Pupil Gaze, Heart Rate, Iris Biomechanics

3. DATA EXTRACTED



Proprietary Machine Learning Algorithm

4. RESULTS CALCULATED



5. HCP REPORT GENERATED

Our theory: the eye delivers an objective signal that can generate a valid diagnostic result as accurate as today's gold standard psychiatric questionnaires

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