

Multi-Level Assessment and Rehabilitation of Combat Mild Traumatic Brain Injury

Abstract/Goal:

Mild brain injury impacts thousands of lives each year, yet there remain many unanswered questions regarding how functioning may be improved in individuals with history of mild brain injury. Changes in one's ability to think clearly, pay attention, keep information in mind and organize plans for achieving important tasks and goals are particularly common but challenging issues. The purpose of our research is to learn how to help improve functioning in individuals with history of mild brain injury. If you enroll, participation involves one or more of the following things: an initial screening interview and informed consent, paper and pencil cognitive testing, MRI scans, and a brain health education or cognitive training course. When completed, these studies will inform us whether training core attentional self-regulatory control functions, via personally-relevant activities, will be effective in improving daily life for Veterans with mild TBI and comorbid conditions. The study design will provide a test not only of potential benefits for real life functioning, but also determine to what extent these benefits are related to actual changes in cognitive/behavioral performance and brain networks corresponding to these functions.

Target Population:

- 1) Veterans age 18+ with a history of *mild* traumatic brain injury (at least 6 months post-injury) with cognitive difficulties that are affecting daily functioning who are able to participate in cognitive testing, MR Imaging and a 5 week training course that meets twice a week.
- 2) Veterans age 18+ with *NO* history of traumatic brain injury who are able to participate in just two sets of cognitive testing and MRI scans.

Compensation:

\$25/hr for participation, but when inside the MRI machine compensation is \$30/hr.

Contact:

415-221-4810 x24129

Expected to Enroll Until:

June 2021