

Biomarkers of attention impairment in Traumatic Brain Injury (TBI)

Protocol #1505016236

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Purpose of the Study: Uncover the pathophysiology of attentional deficits in participants recovering from traumatic brain injury using electroencephalogram (EEG), brain imaging (MRI and PET), and neurobehavioral measures

Looking for individuals between the ages of 18 – 60

Inclusion Criteria:

- Ages 18 – 60
- Trauma occurred within the last 6 months
- Complicated mild (Glasgow Coma Scale (GCS) 13-15 with positive MRI findings or Post-traumatic Amnesia (PTA) <1 day)
- Moderate-severe (GCS≤12 or extended period of LOC or PTA>24 hours) traumatic brain injury (TBI)
- English speaking
- Capable of providing informed consent or a proxy/authorized agent available to provide informed consent

Exclusion Criteria:

- Refractory epilepsy
- Degenerative illness
- Cardiac disease
- Family history of sudden death of unknown reason.
- Drug/alcohol abuse
- Contraindications for MRI
- Psychiatric Disorders
- Developmental Disorders
- Substance Abuse

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