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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