

Emergency Department Implementation of the i-STAT Alinity Traumatic Brain Injury Whole Blood Test

NCT07373509

Status RECRUITING
Sponsor Shawn Eagle
Enrollment 340 participants

Key Eligibility Criteria

Inclusion (7)

- Aged 18 or older
 - Presenting to an enrolling ED with ED Arrival GCS of 13-15 following reported head blunt impact within 24 hours of injury
 - Meets Department of Defense (DoD) definition of mTBI:
 - A traumatically induced physiological disruption of brain function as a result of an external force that is indicated by new onset or worsening of at least one of the following clinical signs immediately following the event:
 - Any alteration of mental status (e.g., feeling dazed, disoriented, or confused)
- ... and 2 more (see full listing online)

Exclusion (12)

- Treating emergency department provider does not think a head CT scan is needed
 - Inability to obtain results for iSTAT Alinity TBI test within 24 hours of injury
 - Treating emergency department attending physician is not willing to participate
 - Pre-existing neurologic condition
 - Contraindication or inability to complete blood draw
- ... and 7 more (see full listing online)

Locations (1 total)

University of Pittsburgh, Pittsburgh, Pennsylvania, United States