

BRAIN TRAUMA EVIDENCE-BASED CONSORTIUM (BTEC)



Brain Trauma Evidence-Based Consortium (BTEC) is a consortium aiming to develop an evidence-based classification for the spectrum of traumatic brain injury, and to model post-TBI trajectories and outcomes.

CORE OBJECTIVES



1. To maximize the utility of scientific efforts to-date that address the epidemic of concussion and brain trauma, for the purpose of deriving a clinically useful classification system, and evidence-based guidelines for diagnosis, prognosis, treatment, and outcomes.
2. To create a consortium among the neurotrauma community that will inspire a commitment to the principles of evidence-based medicine in the design and conduct of brain trauma research.
3. To establish an evidence-based Clinical Research Coordinating and Training Center (CTC), integrating “best practice” fundamentals of clinical research with those of evidence-based medicine, which will have the capability to coordinate the next generation of studies required to answer key questions about brain trauma epidemiology, physiology, natural history, treatment, and outcomes.

BTEC PARTNERS

STANFORD
UNIVERSITY



Portland State
UNIVERSITY



Last updated: April 2016



BRAINTRAUMA.ORG

BTEC INITIATIVES



PRIORITY RESEARCH TOPICS

This includes the creation of a dynamic model of concussion to visualize the entire spectrum of TBI, raw data review to mine data sets for evidence to feed into the dynamic model, and development of concussion guidelines from diagnosis through treatment outcomes.

LIVING GUIDELINES

In order to share new TBI evidence in the most timely manner, BTEC is helping transition Brain Trauma Foundation's guidelines from a 5-year review cycle to living guidelines method, in which evidence is shared as new information is discovered. Brain Trauma Foundation is working closely with OHSU to determine the best dissemination plan for this roll-out.

RESEARCH RESOURCE CENTER

The research resource center will provide evidence-based consultancy services and technical recommendations to investigators regarding design, funding, and conduct of TBI research projects. This could include assistance in developing appropriate questions and building methodologically sound research projects to identifying possible research gaps.

EVIDENCE-BASED CLINICAL RESEARCH COORDINATING AND TRAINING CENTER (CTC)

The BTEC CTC is in the process of collaborating with Stanford experts to build an infrastructure for clinical research coordination and data management.

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