

Care Following Traumatic Brain Injury

Military and Veterans Affairs Resources in NC

CDR Scott Klimp, USPHS

16 October 2014

Unclassified





Introduction



Disclaimer



 The views presented herein are those of the presenter and do not reflect the official policy of the Department of the Army, Department of Defense, or the U.S. Government.



Background



- Traumatic Brain Injury (TBI) is a disruption of brain function resulting from a blow or jolt to the head or a penetrating head injury
- Categorized as mild (mTBI), moderate, severe or penetrating
- The majority of TBIs in the DoD are mTBI, also known as concussion
- Most individuals who sustain a concussion recovery fully and quickly
- Symptoms may be physical, cognitive and/or behavioral



DoD Definition of Traumatic Brain Injury (TBI)



A disruption of brain function resulting from a blow or jolt to the head or a penetrating head injury indicated by new onset or worsening of at least one of the following:

Loss of consciousness (LOC)

Post-traumatic amnesia (PTA)

Loss of memory for events immediately before or after injury

Alteration of consciousness (AOC)

 Change in mental status at the time of injury such as confused, disoriented, or slow thinking

Neurological deficits that may or may not be temporary

• Weakness, loss of balance, change in vision, paralysis, etc.

Intracranial lesion

OSD/HA MEMO OCT 1, 2007



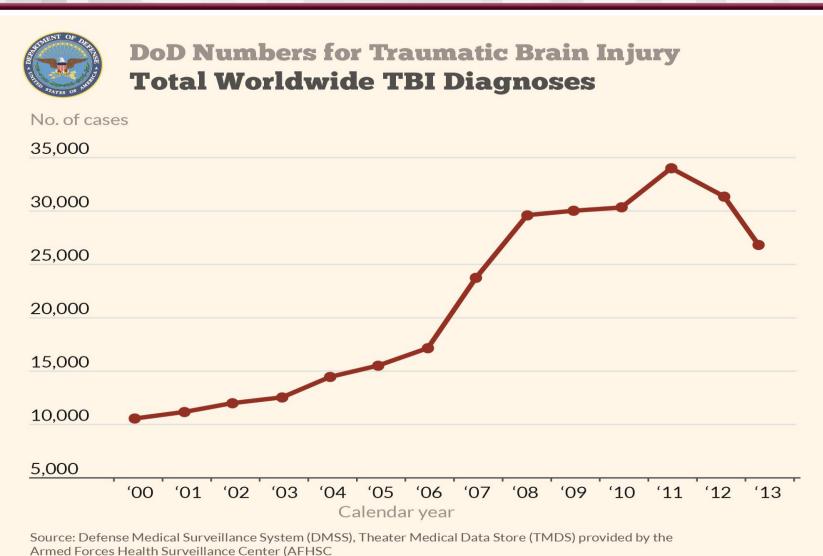


Scope of TBI across DoD



TBI in DoD 2000-2013





Prepared by MHS Office of Strategic Communications

2000-2013



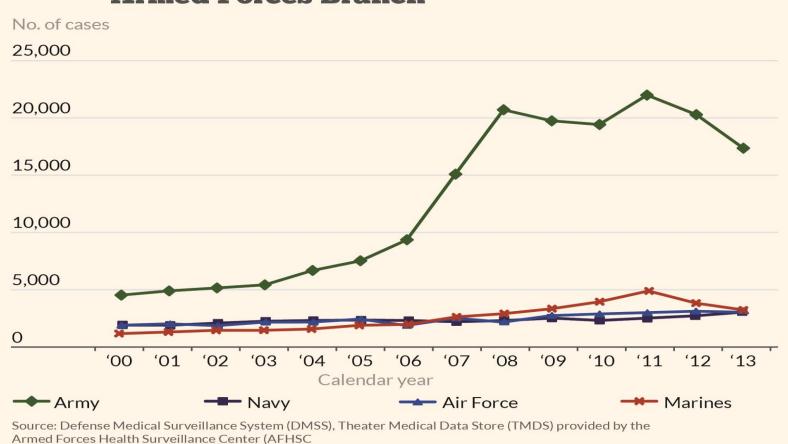
Incidence by Service





DoD Numbers for Traumatic Brain Injury

Worldwide - Incidence by Armed Forces Branch



Prepared by MHS Office of Strategic Communications

2000-2013



Incidence by Severity





DoD Numbers for Traumatic Brain Injury Worldwide - Incidence by Severity



Source: Defense Medical Surveillance System (DMSS), Theater Medical Data Store (TMDS) provided by the Armed Forces Health Surveillance Center (AFHSC)

Prepared by the Defense and Veterans Brain Injury Center (DVBIC)

2000-2013





Army



Department of the Army Concussion/mTBI Strategy



- Goal: A <u>cultural change</u> following concussive events
- Vision: Every Warrior treated appropriately to minimize concussive injury and maximize recovery
- Mission: Produce an educated force trained and prepared to provide early recognition, treatment & tracking of concussive injuries in order to protect Warrior health

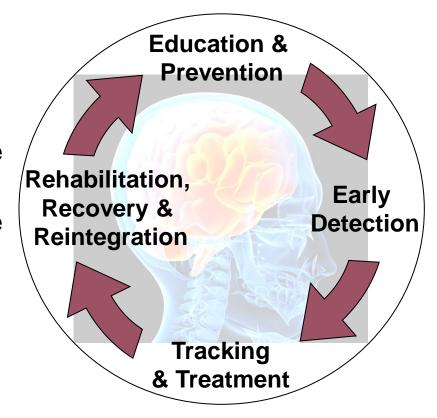




Image courtesy of OTSG



Department of Brain Injury Medicine Womack Army Medical Center, Ft. Bragg



- Concussion Care Clinic (acute injury)
 - Patient education and immediate symptom management
- Comprehensive Brain Injury Team (chronic symptoms)
 - Multidisciplinary evaluations including medical, neuropsychological, psychological, physical therapy/vestibular, neuro-optometry, occupational therapy
- Intrepid Spirit (National Intrepid Center of Excellence satellite)
 - Projected opening Fall 2015
 - Integrated care for complex patients involving TBI, behavioral health and pain



Mission and Vision



Mission: Through the establishment of a new care model including enhanced case management, an arena intake and an intensive outpatient

rehabilitation, the Intrepid Spirits will: provide evidence-based interdisciplinary assessment and intensive outpatient care for SMs with complex medical conditions with the goal of fostering optimal outcomes.

Vision: To lead the nation and set the definitive standard for the provision of interdisciplinary, integrated, and holistic assessment and intensive outpatient healthcare for SMs with complex medical conditions, including TBI, trauma related disorders, PTSD and other mood disorders, chronic pain, and related conditions.



Department of Brain Injury Medicine Womack Army Medical Center, Ft. Bragg



- Screening and administrative services
 - Annual training (Soldiers and healthcare providers)
 - Post-deployment assessments and screening
 - Open access
 - Integrated disability evaluation system with VA





Department of the Navy/ United States Marine Corps



Naval Hospital Camp Lejeune



- NICOE Intrepid Spirit Concussion Recovery Center
 - Opened 2013
 - Acute care of mTBI
 - Multidisciplinary evaluation and treatment of chronic mTBI-related symptoms





United States Air Force



Seymour Johnson Air Force Base



- 4th Medical Group
 - Primary Care Services
 - Mental Health Services
 - Behavioral Health Optimization Program
 - Civilian care under TRICARE





Department of Veterans Affairs



Department of Veterans Affairs



- Acute and chronic care services
- Strong nationwide network for intensive rehab services
- Rehabilitation services
- Vocational Rehabilitation and Employment services





Partners



Partners



- UNC Medical Center/ civilian trauma centers
- Defense Centers of Excellence for TBI/Psychological Health (DCOE)
- Defense and Veterans Brain Injury Center (DVBIC)
- National Intrepid Center of Excellence (NICoE)
- Brain Injury Association of North Carolina





Summary



Questions