

# WHAT IS THE JTS?

**The Joint Trauma System (JTS) saves lives.**

As the **U.S. Defense Center of Excellence for Trauma**, JTS works to reduce morbidity and mortality, and improve survivability for all trauma patients in wartime and peacetime. Its mission is to improve trauma readiness and outcomes through evidence-driven performance improvement. JTS is an integral component of the Defense Health Agency Combat Support and responsible for coordinated efforts to support the global Department of Defense (DoD) continuum of trauma care delivery.

The JTS is the only DoD organization positioned and capable of collecting trauma data nearly immediately at an area of conflict and across the continuum of care. JTS captures and reports battlefield injury demographics, treatments and outcomes through the global use of its DoD Trauma Registry (DoDTR), a web-based data collection tool. DoDTR data enables JTS to conduct gap analyses for medical capabilities to direct ongoing and future combat casualty care research, trauma skills training, and direct combat casualty care.

The JTS is a performance improvement organization which utilizes a systematic approach to determine the acute and long-term outcomes of all casualties, the quality of care, improvements in prevention and treatment and the logistical implications.

## RESOURCES

### Connect with the JTS

JTS: <http://jts.amedd.army.mil/>

CPGs: [http://jts.amedd.army.mil/index.cfm/PI\\_CPGs/cpgs](http://jts.amedd.army.mil/index.cfm/PI_CPGs/cpgs)

TCCC: <https://deployedmedicine.com/>



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Committee of Surgical Combat Casualty Care  
[linkedin.com/groups/13535742](https://linkedin.com/groups/13535742)

Joint Trauma System  
3698 Chambers Pass  
JBSA Fort Sam Houston, Texas 78234-7677



# JOINT TRAUMA SYSTEM

DEFENSE CENTER OF  
EXCELLENCE FOR TRAUMA





## WHO JTS SERVES

The JTS serves the patient and supports the Combatant Commands (CCMDs) and its clinicians by identifying, tracking, and making recommendations on efforts to ensure proper evaluation and treatment of injured Service Members across the continuum of care, improve medic training, ensure medical readiness and enable policy makers and coalition partners to implement informed decisions.

**Service Members.** JTS serves the warfighter. JTS' trauma care experts work to ensure every Soldier, Sailor, Airman and Marine injured on the battlefield or in any theater of operations will be provided with the optimum chance for survival and maximum potential for functional recovery.

**CCMDs.** JTS works proactively with CCMD surgeons as they develop contingency plans for a trauma system that supports unique CCMD mission requirements.

**Trauma Care Providers.** JTS works with military medical leaders to establish standards of care for trauma services at medical treatment facilities.

**Joint Trauma Education & Training.** JTS is charged with supporting and maintaining medical readiness training and trauma care programs through standardized core trauma care courses and military-civilian partnerships to facilitate trauma skill sustainment.

**Military Health System.** JTS and its partners interpret raw data and research criteria to translate into standards of clinical trauma care and coordinate the incorporation of lessons learned from education/training partnerships in clinical practice.





## DoD TRAUMA REGISTRY

The DoD Trauma Registry (DoDTR) contains over 86,989 unique trauma events with over 138,158 trauma records across the continuum of care, from point of injury to rehabilitation. DoDTR contains identified information taken from the medical record, expert clinical inference, scoring and coding schematics, probability determination and PI data. There is no comparable registry with such a comprehensive collection of DoD trauma injury data. The registry generates actionable medical information leading to advancements in trauma care and improving medical readiness of the deployed.


JTS designed the DoDTR with integrated specialty registries with specialty data such as prehospital and Role 2 care. Military Working Dog care is also captured. JTS standalone registries are:

- Military Orthopaedic Trauma Registry (MOTR)
- Neuro/Traumatic Brain Injury (TBI)
- Military En Route Care Registry (MERCuRY)
- Outcomes (Recovery and Rehabilitation)
- Infectious Disease
- Acoustic
- Vision

 **86,989 +  
trauma events**

 **138,158 +  
trauma records**

 **26,787  
CME credits**

**159 +  
agreements** 

 **60 + Clinical  
Practice Guidelines**



## HOW JTS SERVES

### Capture Combat Casualty Care

The DoDTR captures all trauma data, from battlefield first responders to definitive care stateside, plus pre- and inter-facility en route care for U.S./Non-U.S. military and U.S./Non-U.S. civilian personnel in wartime and peacetime. The DoDTR generates actionable medical information leading to advancements in military trauma care such as Tranexamic Acid, hemostatic dressing and junctional tourniquets.

### Analysis of Trauma Care Data

JTS has signed over 159 agreements and assisted 100 organizations since 2008. JTS and its partners rely on DoDTR data to identify trends and shortcomings in care to bridge gaps. JTS evaluates health data abstracted from patient records and after action reports to develop clinical practice guidelines for use in theater and across the continuum of care to improve trauma care, remove medical practice variations and save lives.

### Medic Training & Education

JTS develops educational products for the CCMD trauma system. The group coordinates and manages continuing education opportunities and PI courses. This ensures deployed medical leadership has access to necessary medical data.

JTS has presented over 665 video teleconferences discussing over 2,727 trauma patients since 2008 in the JTS Combat Casualty Care Curriculum (CCCC), Armed Forces Medical Examiner System and Pacific Command conferences. Over 10,545 medical professionals have participated in the JTS CCCC program, with 5,124 in CONUS and 4,735 in OCONUS. JTS has issued over 26,787 CME credits during that time.