



MISSION

Inform solutions that prevent or mitigate injury during the full range of military operations, by collaborative collection, integration, analysis and storage of data from operations, intelligence, materiel and medical sources.

VISION

Prevention of injury through actionable analysis

MULTIDISCIPLINARY ANALYSIS OF INCIDENTS AND ACCIDENTS

- Integrated analysis of medical, materiel, intelligence and operational data to enable solutions and improvements
- Access to the library of past analyses
- Surveillance of mild traumatic brain injury events and compliance with guidelines for deployed Service Members
- Non-research analysis of deployed injury trends

SIGN UP

Sign up for an account on the JTAPIC homepage at <http://jtapic.amedd.army.mil>

Request Products – Submit RFIs – Tell us what you need!

Contact JTAPIC Operations at 301.619.9471.

CAUSE

Risks and threats



EFFECTS

Damage and injuries



ACTIONABLE ANALYSIS

Operational data



Success Stories

JTAPIC analysis products provided solutions/decision support leading to:

- 1 Improved vehicle design and survivability:
 - Stryker double-V hull
 - Stryker flat-bottom hull mine protection kit
 - Stryker driver compartment improvement
 - Mine Resistant Ambush Protected (MRAP) underbody vulnerability
- 2 Provided information to improve tactics, techniques and procedures:
 - Vehicle gunner egress (doctrinal change, multiple vehicles)
 - MRAP Egress Trainer redesigned restraints and egress handles
 - Breathing apparatus installed in MRAP vehicles
 - Fielding and use of sickle sticks as a counter-improvised explosive device tools
- 3 Improved Personal Protective Equipment:
 - Urogenital injury analysis led to ballistic undergarment protection development
 - United States Marine Corps modular armor system development
 - Extensive analysis in support of organization helmet-test protocols
 - Improved testing protocols for helmets
 - Decision to use new plate carrier (lighter weight armor vs. vulnerability)
 - Blast characterization for home made explosives, fragmentation vs. standoff distance

Benefits: Improved protection systems, enhanced Warfighter survivability and reduction of injury



Joint Trauma Analysis & Prevention of Injury in Combat
JTAPIC
 Preventing Injuries Through Actionable Analysis

An Interdisciplinary Partnership

