Office of Health Affairs

Towards Zero Preventable Deaths: Strong Federal EMS Systems--A Key Contributor
OHA Overview

• Chief Medical Officer & Assistant Secretary
  – DHS’s principal authority and POC on medical & public health issues
  – DHS lead for food, agro, veterinary issues
  – DHS lead for bio & chemical defense issues

• Key Activities
  – Advise DHS on medical & public health issues
  – Coordinate w/ interagency, state, local, & territorial government to build community preparedness
  – Detect and Monitor for early warning of bio-threats
  – Prepare DHS workforce & nation to manage medical and public health needs in an incident
Health Security

Critical link between the public health community and the homeland security enterprise

Public Health / Medical Community
- State/Local Health Departments
- Hospitals
- Laboratories

Office of Health Affairs

Homeland Security Enterprise
- Emergency Management
- First Responders
- Intelligence
- Law Enforcement
Outreach

- FICEMS/NEMSAC
- NGOs
- State EMS Officials
  - Meet with States individually to overview DHS EMS System and on-going initiatives
Medical First Responder Coordination

• Collaborate with & engage EMS stakeholders to identify gaps & solutions
  – EMS state licensing compact
  – IED/active shooter guidance
  – Stop the Bleed campaign

• Manage DHS EMS system
  – Advisory committee
  – Credentialing program
  – Training programs

• Ensure Integration of Best Practices Across EMS (TCCC, NASEM)
Law Enforcement/EMS Gap

- Recent mass shooting events have shown that there are interoperability challenges between law enforcement, EMS, and fire services
- First Responder Guidance on Medical Response to IED/Mass Shooting Incidents
  - Hemorrhage Control (tourniquet)
  - PPE
  - Interoperability
The First Responder Guidance for Improving Survivability in Improvised Explosive Device and/or Active Shooter Incidents - Document Development

Conducted two stakeholder engagements

- Met with more than 350 SMEs from various disciplines
  - Law Enforcement
  - Fire Service
  - EMS
  - Physicians (Emergency, Trauma, Surgical and Military)
  - Emergency Management

- Prompted Position Papers from National Organizations
  - IACP, IAFF, IAFC, VFC, NAEMT, NTOA, NAEMSE, NASEMSO, ACEP, ACS
  - Hartford Consensus I, II, and III
Stop the Bleed Campaign

- White House initiative to reduce preventable deaths due to hemorrhage with bystander intervention.
- Multiple organizations are training instructors and civilians in tourniquet application, wound packing, and other simple life-saving measures.
DHS EMS System Overview

- DHS and the Office of Health Affairs
  - State EMS Medical Director Equivalent
  - State Director Equivalent
  - State Training Coordinator/Credentialing Equivalent
  - Disciplinary Policy
  - Patient Safety Program
- The future and continued growth of DHS’ EMS System
- Agile, able to integrate #ZPD programs into components rapidly
DHS EMS System Overview

- DHS’ EMS System has over 3,500 EMTs and Paramedics

- DHS resources are in every state and territory and are positioned throughout the world

- DHS EMS providers are largely law enforcement officers
  - EMS is a collateral duty
  - EMS providers are full-time DHS employees, not temporary workforce
DHS EMS System Overview

- EMS care includes:
  - Force health protection
    - Care under fire
  - Care of dignitaries
  - Detainees
  - General public (when needed)
    - Mutual-aid/Auto-aid
  - Illegal aliens
    - Largely at the southwest border
  - Most DHS EMS resources are non-transport, however there are two fire-based systems
DHS Worksite Locations
Level I / II Trauma Center Coverage
60-minutes – American Trauma Society
DHS EMS System Overview

- Components within DHS having EMS programs:
  - Customs and Border Protection (CBP)
    - Office of Border Patrol (OBP)
      - BORSTAR
      - BORTAC
    - Office of Air & Marine (OAM)
    - Office of Field Operations (OFO)
  - Immigration and Customs Enforcement (ICE)
  - Transportation Security Administration (TSA)
    - Federal Air Marshal (FAMS)
  - United States Coast Guard (USCG)
DHS EMS System Overview

- Components within DHS having EMS programs:
  - United States Secret Service (USSS)
  - Federal Protective Service (NPPD/FPS)
  - Federal Emergency Management Agency (FEMA)
    - Mount Weather FD
  - Science & Technology (S&T)
    - Plum Island FD
Non-traditional EMS care environments
Non-traditional EMS care environments
Non-traditional EMS care environments
EMS Training & Education Advisory Committee (EMSTEAC)

- EMSTEAC was formed:
  - Chartered Committee to Advise the DHS Chief Medical Officer on EMS Issues
  - Approximately 15-20 members from all EMS Programs
  - Promotes EMS standardization throughout DHS
  - Identify Training Standards and Requirements for EMS
  - Accrediting Body for Continuing Education for EMS
  - Collaboration between Components
  - Best practices
DHS EMS – Where we are today…

Approximately 3500 Medically Trained Personnel Operating in DHS NREMT Certification AND State Licensure

EMT 
Advanced EMT 
EMT-Paramedic
DHS EMS – Where we are going…

• Medical Protocols
  – CBRNE (under development)
• Medical direction/oversight – OHA – MLO (expansion)
• Quality Management
  – MQM Instruction 248-01
• Education/Training
  – NREMT Boot camp
  – Transition
• LMS – EMS library
  – HSI EMS 24/7
A National Trauma System…

[Map of the United States with marked locations]