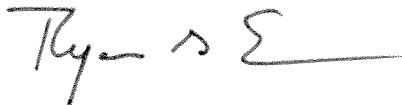


Memorandum



Date: March 4, 2011
To: Members of the Public Safety Committee
Subject: Emergency Medical Services Overview

The Public Safety Committee will be briefed on the Emergency Medical Services Overview on Monday, March 7, 2011.



Ryan S. Evans
First Assistant City Manager

Attachment

- c: Honorable Mayor and Members of the Dallas City Council
 - Mary K. Suhm, City Manager
 - Deborah Watkins, City Secretary
 - Tom Perkins, City Attorney
 - Craig Kinton, City Auditor
 - Victor Lander, Administrative Municipal Judge
 - Jill A. Jordan, P.E., Assistant City Manager
 - A.C. Gonzalez, Assistant City Manager
 - Forest E. Turner, Assistant City Manager
 - Jeanne Chipperfield, Chief Financial Officer
 - Helena Stevens-Thompson, Assistant to the City Manager Mayor/City Council Office

Emergency Medical Services Overview



Emergency Response Bureau
Tami Kayea, Section Chief

March 7, 2011



EMS PERSONNEL



- 833 PARAMEDICS
- 110 EMT'S (Emergency Medical Technician)
 - Licensed or Certified by Texas Department of State Health Services

EMS PERSONNEL

- All stations with Rescues have 5-6 paramedics
- Paramedics rotate between Fire Suppression and Rescue positions



EMS FIELD SUPERVISION

- 3 CAPTAINS
 - 1 PER SHIFT
- 15 LIEUTENANTS
 - 5 PER SHIFT
 - Customer Service
 - Quality Assurance
 - Scene Response
 - Rescue Inspection
 - Training
 - Rehab Area Command at Multi-Alarm Fires
 - Mass Casualty Incidents



EMS RESOURCES

- 34 Front Line Rescues
- 11 Peak Demand Rescues
- 2 ATV Polaris Vehicles
- 13 Bicycles for Bike Medic Program
- 1 Mass Casualty Response Vehicle



DEMAND FOR EMS SERVICE

FY 07/08

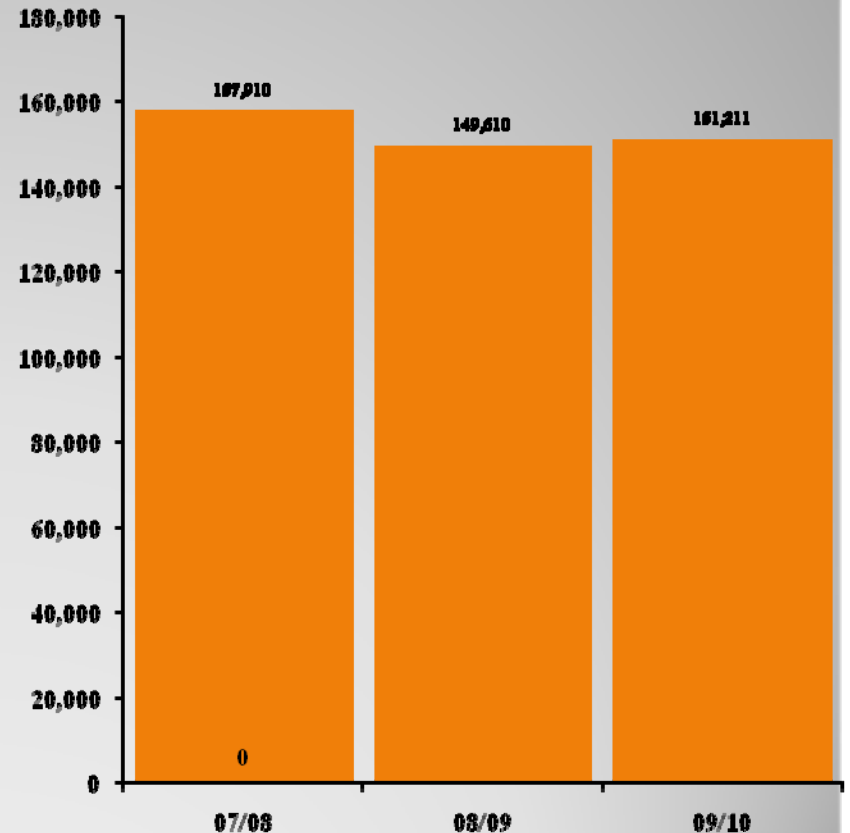
- 157,910 Responses
- 4,338 Runs Per Unit

FY 08/09

- 149,610 Responses
- 3,878 Runs Per Unit

FY 09/10

- 151,211 Responses
- 3,917 Runs Per Unit



EMS RESPONSES

Top 5 Types of Runs

Medical Emergency	60,938
Motor Vehicle/Pedestrian Accident	13,193
Breathing Difficulty	11,375
Chest Pain (Cardiac)	7,405
Fall Victim	6,487

FY 09/10

Target Average Rescue Response Time: 5:35

Average Rescue Response Time: 5:38

EMS RESPONSES

NFPA (National Fire Protection Agency) 1710

EMS Response Time Standard

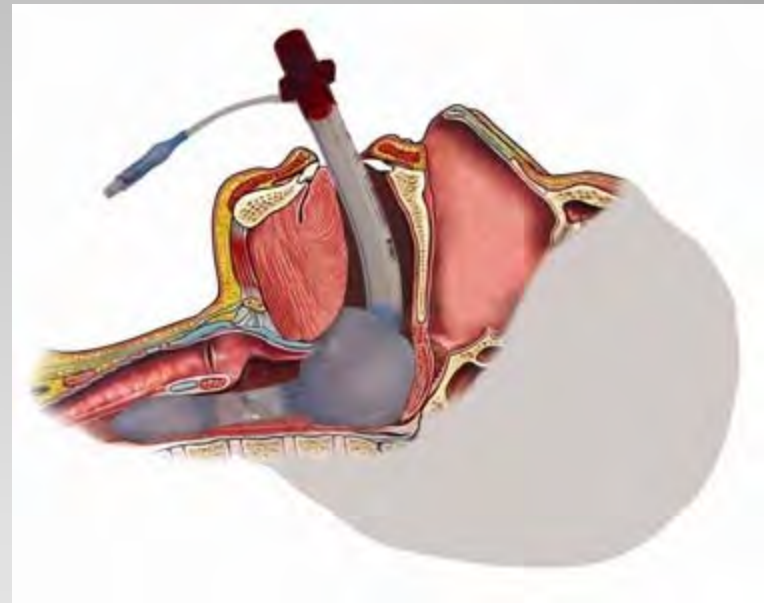
Achieve EMS response time of 9 minutes or less for 90% of calls.

FY 09/10

Dallas Fire Rescue achieved EMS response time of 9 minutes or less 90.1% of time.

EMS SERVICE ENHANCEMENTS

- King Tube Airway



Allows for insertion of tube in difficult intubations and placement during CPR without interruption of compressions.

EMS SERVICE ENHANCEMENTS

Continuous Positive Airway Pressure (CPAP)



- 109 Cases of Breathing Difficulty Reviewed by UTSW QA/QI Coordinator
- 106 Patients proved to benefit from this device

EMS SERVICE ENHANCEMENTS



Cervical Splint

- Splints the injury.
- Allows splinting of injury in position found.
- Reduces elongation of neck.

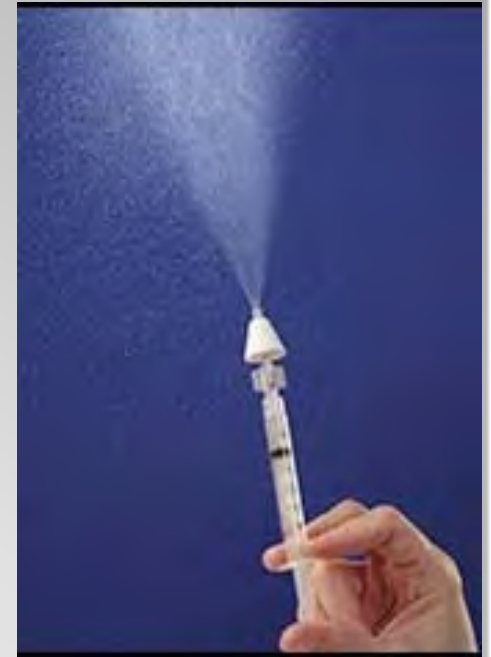


EMS SERVICE ENHANCEMENTS

MAD

Mucosal Atomizer Device

- Delivers Intranasal Medication
- Safe and Painless
- Allows Rapid Delivery Of Medications
- Significant Benefit To Pediatric Seizure Patients and Agitated Patients



SPECIAL EVENTS



January 27-February 6, 2011

February 10-14, 2010



Dallas Convention Center, American Airlines Center,
Sanctioned & Non-Sanctioned Events, and Fair Park

OUR ROLE IN IMPROVING EMS SERVICE THROUGH RESEARCH

January 2010 -
NIH renews
Dallas ROC site
for 6 more years.



Resuscitation Outcome Consortium

Future Studies

- Continuous Chest Compressions
- Amiodarone vs Lidocaine
- Hypotensive Resuscitation

Research Updates

- Out of 13 ROC Cities, DFR highest rate (94%) with reviewing and collecting CPR data
- Data provides feedback to allow us to examine the quality of CPR performed by emergency personnel for every CPR case
- Data has resulted in major improvements in the way we do CPR

OUR ROLE IN IMPROVING EMS

Sept 28-Oct 1, 2010
Dallas Convention Center



Demonstrated to others how our EMS service is performed.

-35 People participated in our Ambulance Operation Observer Program during the Conference

-The people represented other EMS/Fire agencies from around the world including Netherlands, France, Australia, and Switzerland

Partnering to Improve EMS

- American Heart Association
 - W.W. Caruth STEMI Grant Initiative
- Dallas County Child Death Review Team
- Receiving Hospital Liaison Council
- North Central Texas Trauma Regional Advisory Council
 - EMS Committee
 - Zone 8 Committee



QUESTIONS?

