



Matt Gratton, MD
Medical Director

Kansas City Missouri Health Department
Emergency Medical Services

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Daniel Lindholm,
NREMT-P
Asst. EMS Medical
Director

DATE: July 5, 2007
TO: Bert Malone, MPA
FROM: Daniel Lindholm, NREMT-P, MICT, Senior Paramedic, *DGL*
CC: Matt Gratton, M.D.
Joseph Salomone, M.D.
RE: EMS Program Highlights, 2006

2006 was another extremely busy year for the EMS program of the Kansas City, Missouri Health Department. Some of our accomplishments in providing external medical oversight and emergency management of the Metropolitan Ambulance Services (MAST) and the Kansas City, Missouri Fire Department (KCFD,) and the Kansas City, Missouri Airport Police EMTs include:

The specification and recommendation of ordering new 12-Lead EKG monitor-defibrillators for MAST which is in-process; replacement of the Fire Department's AEDs, and replacement of KCI Police EMT's response AEDs; Assistance with a new design and acceptance of the first of the fleet of new ambulances for MAST; 58 ground ambulances (MAST and Children's Mercy Pediatric Transport,) and 4 Air Ambulances (Life Flight-Eagle) inspected and licensed. 48 medical in-service training sessions were taught by our staff for MAST EMTs and paramedics; two Base Station Physician Classes taught to area Emergency Medicine Physicians and 6 Pediatric Advanced Life Support (PALS) classes taught to area out-of-hospital providers, physicians and nurses.

One-hundred, fifty-four (154) Kansas City Fire Department AED uses reviewed; 488 total system cardiac arrest responses reviewed. Four-hundred, twenty-two (422) license exams were administered and over 400 EMTs, Paramedics, Base Station Physician, and Fire Department First-Responders were licensed by our staff. Two members of our staff were instrumental in planning and participating in Kansas City's first full-scale National Disaster Medical System (NDMS) exercise.

All ninety-nine (99) medical system protocols were reviewed and added to the section's website; 68 Public Access Defibrillation sites certified with 167 individual Automatic External Defibrillators (AEDs) registered. 5 new system protocols were put into effect, most notably a new cardiac arrest which has already shown a drastic crease in lives saved from 31% to 40.5% in the eight months of 2006 since implementation (see chart, page 2).

Last, but certainly not least was the safe return of Dr. Matthew Gratton from active duty in Iraq where he was awarded the Bronze Star for his services; the welcomed addition of Dr. Joseph Salomone as a second part-time physician medical director, and the hiring of a third Paramedic-Assistant, Mr. Randall Bennett.



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Utstein V-Fib Survival % by Year

- ▣ 1996 Survivors 19%
- ▣ 1997 Survivors 17%
- ▣ 1998 Survivors 12%
- ▣ 1999 Survivors 17%
- ▣ 2000 Survivors 22%
- ▣ 2001 Survivors 24%
- ▣ 2002 Survivors 21%
- ▣ 2003 Survivors 17%
- ▣ 2004 Survivors 33%
- ▣ 2005 Survivors 21%
- ▣ 2006 Survivors 31%
- ▣ *2006 New Protocol 40.5%

