Chief Medical Officer Report EMSA Board of Trustees

September 2023

Jeffrey M. Goodloe, MD, NRP, FACEP, FAEMS





OMD Activities

- Entire OMD Team
 - Monthly CQI meeting with all agencies
 - Orientation Academies
 - 2023 MCB Treatment Protocols
 - Low Titer O+ Whole Blood Program 33+ administrations





CMO Presentations

- EMS World New Orleans, LA September 21st
 - Optimal Hemorrhage Control in EMS
 - w/Dr. Peter Fischer (TN) from ACS COT
 - ACS COT, ACEP, NAEMSP Consortium
 - TXA Use in EMS
 - Ketamine Use for Analgesia in EMS
 - Spinal Motion Restriction
 - Next Up: Traumatic Cardiac Arrest in EMS (w/NAEMT & AHA)





The sobering reality (& our challenge)...

- Exsanguination
- Leading cause of preventable death from trauma
- Nearly 50% of deaths are pre-hospital

Tompeck AJ et al. J Trauma Acute Care Surg. 2020;88(1):e1-e21





Prehospital Emergency Care

ISSN: (Print) (Online) Journal homepage: <u>https://www.tandfonline.com/loi/ipec20</u>

Prehospital Hemorrhage Control and Treatment by Clinicians: A Joint Position Statement

Cherisse Berry, John M. Gallagher, Jeffrey M. Goodloe, Warren C. Dorlac, Jimm Dodd & Peter E. Fischer





American College of Emergency Physicians[®]

Publication in:

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Trauma and Acute Care Surgery

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PULMONARY



Wound Packing

- Plain gauze
- Hemostaticimpregnated dressings
- Either can work with good technique
- Neither will work well with poor placement
- Don't forget continued direct pressure once packed!



Tourniquets

- There is greater chance of survival for the extremity trauma patient with lifethreatening bleeding the earlier a tourniquet is applied
- Among patients who needed a tourniquet in the combat setting mortality was universal when one was not applied.
- Tourniquets should be stored where they can be rapidly accessed and applied.



911 BLS Program June - July 2023

Western Division/Metro OKC

- Eligible Calls (MCB MPDS Codes) = 2101
 - BLS Ambulance Responses = 78 (3.7%)
- Overall Transports = 1564

 Cancel/Refusal of Service 25.6%
- RLS Transports = 21 (
- ALS Assists = 16 (0.8%)
- Unstable VS = 73 (3.5%)





911 BLS Program June - July 2023

Eastern Division/Metro Tulsa

- Eligible Calls (MCB MPDS Codes) = 2611 – BLS Ambulance Responses = 1532 (58.7%)
 Overall Transports = 1826 – Cancel/Refusal of Service 30%
 - RLS Transports = 16 (0.6%)
 - ALS Assists = 43 (1.6%)

Unstable VS = 100 (



911 BLS Program Dec 2021-May 2023

- Metro Oklahoma City & Tulsa Combined
- Eligible Calls (MCB MPDS Codes) = 41827
 - BLS Ambulance Responses = 8908 (21.3%)
- Overall Transports = 29373
 - Cancel/Refusal of Service 29.8%
- RLS Transports = 366 (0.88%)
- ALS Assists = 340 (3.82%)
- Unstable VS = 1162 (2757)



MIH Programs

- Mobile integrated health planning with OKCFD, TFD, and EMSA
 - High frequency/volume utilizer
 - Hospice collaboratives
 - Mental health collaboratives
 - Opioid use disorder programs
 - After incident visits, naloxone kits, buprenorphine, "hand offs" to community partner agencies for longer term substance counseling care





