

## **July 2023 DMEMSMD Protocol Changes:**

1. 0160 General Guidelines: Extended Care Protocol Supplements
  - a. Update to how references to extended care supplements will be located in the protocols.
2. 0990 Quick Reference Guide
  - a. Added line for Ondansetron to limit IO to AEMT and up.
3. 1080 Needle Thoracostomy
  - a. Information on catheter size added for pediatrics.
4. 1110 Intraosseous Catheter Placement
  - a. Language update regarding lidocaine administration.
5. 4130 Epistaxis
  - a. Added statement in the grey box after anterior epistaxis may require up to 30 min of constant pressure to stop bleeding.
6. 5010 Hypothermia
  - a. Language added on active and passive rewarming.
7. 5020 Hyperthermia
  - a. Language added on cooling techniques.
8. Trauma Protocol Section
  - a. Comprehensive review and edit of entire trauma section to streamline protocols.
  - b. A protocol flow was created where all trauma starts at 8000 General Trauma Care, directs you to specific body area, then returns back to 8000 General Trauma Care.
  - c. Protocols renumbered to align with new trauma protocol flow.
  - d. Specific items to note:
    - i. 8050 Spinal Trauma and Spinal Motion Restriction – Spinal trauma and spinal motion restriction combined into one protocol.
    - ii. 8080 Extremity Trauma – Amputations protocol updated to new protocol that includes extremity fracture/dislocation.
    - iii. 8110 Trauma in Pregnancy – Language added regarding high-risk refusal with estimated gestational age  $\geq 20$  weeks.
9. 9005 Acetaminophen
  - a. PO administration for fever added to indications.
10. 9060 Atropine
  - a. Change to adult dose for hemodynamically unstable bradycardia.
11. 9070 Benzodiazepines
  - a. IM route added to diazepam.
12. 9100 Diphenhydramine
  - a. For mild allergic reactions, PO is added as an option for adults and pediatric.
13. 9120 Epinephrine
  - a. Requires medical director approval for implementation – Pediatric IV push dose for systemic allergic reactions after three unsuccessful IM administrations.
14. 9210 Naloxone
  - a. IN added with severe respiratory compromise.
15. 9220 Nitroglycerin
  - a. Reference to nitro paste move to extended care supplements.
16. 9225 NSAIDS
  - a. Ibuprofen administration for fever added to indications.
17. **\*\*NEW\*\*** Extended care supplements – These are intended to augment the existing Denver Metro EMS protocols, not to supersede, replace, or otherwise contradict them. They require medical director approval for implementation. These include the following:
  - a. 2000X Respiratory Extended Care Supplements
  - b. 3000X Cardiac Extended Care Supplements
  - c. 4000X Medical Extended Care Supplements
  - d. 8000X Trauma Extended Care Supplements
  - e. 9000X Medication Extended Care Supplements