

## July 2021 DMEMSMD List of Protocol Changes

1. DMEMSMD Title Page – Update to language regarding use and contact information for when protocols are used and edited by Medical Directors outside the DMEMSMD group.
2. 0120 Base Contact – Added language defining who should be contacted as Base Contact.
3. 0990 Quick Reference Guide – Updated to reflect changes to AEMT and Intermediate scope in 6 CCR 1015-3 - Emergency Medical Services Chapter 2
  - a. Protocols updated to reflect 6 CCR 1015-3 - Emergency Medical Services Chapter 2 changes to AEMT scope for midazolam intranasal administration for seizure
    - i. 4040 Seizures
  - b. Protocols updated to reflect 6 CCR 1015-3 - Emergency Medical Services Chapter 2 changes to AEMT scope for fentanyl or morphine administration for pain (excluding cardiac chest pain)
    - i. 1160 Pain Management
    - ii. 8130 Burns
4. 1160 Pain Management
  - a. Updated to reflect appropriate levels with addition of IV acetaminophen and ketorolac.
  - b. Break out of boxes under "Moderate Pain" and "Severe Pain" for oral acetaminophen, oral ibuprofen, IV acetaminophen, and IV ketorolac.
  - c. Change to box colors to reflect change in scope.
5. 2010 Adult Universal Respiratory Distress – In considerations box, added cardiac tamponade and cardiac dysrhythmia.
6. 2060 CHF/Pulmonary Edema – In Special Notes change to language about morphine.
7. 2090 Tracheostomy – Updated to include box colors indicating what procedures can be performed at each level.
8. 3000 Medical Pulseless Arrest – Added after 3 unsuccessful defibrillation attempts consider changing vector.
9. 3010 Medical Pulseless Arrest Considerations
  - a. Pediatric ventilation rate - From Pediatric 2020 AHA Guideline Review group, decision made to continue current recommendations that align with adult management at ventilation rate of 8-10 breaths per minute versus moving to 2020 AHA recommended guidelines. **NO CHANGE IN PROTOCOL FOR PEDIATRIC VENTILATION RATE.**
  - b. Addition of recommendation after 3 unsuccessful defibrillation attempts consider changing vector.
  - c. Inclusion of obtaining 12-lead under "ROSC" section.
  - d. Minor word changes in "Regarding where to work arrest and presence of family members."
  - e. Removal of examples in supraglottic airway under pediatric airway section.
  - f. 2020 AHA Guideline recommendation under pediatric patients to administer epinephrine administration within 5 minutes of start of resuscitation.
  - g. Change to language in "Pacing" section.
10. 3020 NRP
  - a. Removed references to 2015 AHA Guidelines.
  - b. Added information about Termination of Resuscitation to General Considerations box.
11. 3030 Post-Cardiac Arrest Care
  - a. Name changed to Post-Cardiac Arrest Care to match 2020 AHA language guidelines on ROSC.
  - b. Addition of gray box for recommended vital sign values per 2020 AHA guidelines.
  - c. Change TTM range to match 2020 AHA Guidelines.
12. 4140 Sepsis – Added language about frequent reassessment with fluid administration.
13. 6000 Psychiatric/Behavioral – Additional language added to Scene Safety section.
14. 7000 Childbirth
  - a. Rewording of language emphasizing skin-to-skin contact of newborn with mother (unless newborn requires resuscitation)
  - b. Change to cord clamping language to delay in cutting until newborn skin-to-skin with mother (unless newborn needs resuscitation)

- c. Under critical thinking, added language regarding requesting additional EMS resources when there is an infant in distress.
- 15. 8090 Spinal Motion Restriction
  - a. Under "Does patient have any of the following:" section, change to criteria and update to "Notes" section.
- 16. 9070 Benzodiazepines
  - a. Diazepam – Update to pediatric administration.
  - b. Lorazepam
    - i. Dosing for seizure and sedation for cardioversion/transcutaneous pacing separated.
    - ii. IN administration removed.
    - iii. Change in adult and pediatric dosing for seizure.
- 17. 9080 Calcium – Anywhere in the protocol is states "Known" change to "Known or suspected".
- 18. 9220 Nitroglycerin – Additional ED medications added to contraindication list.
- 19. 9225 NSAIDS – Contraindications and Drug Interactions sections updated.