



Rappahannock Emergency Medical Services Council, Inc.

*Serving Caroline, Colonial Beach, Culpeper, Fauquier, Fredericksburg,
King George, Orange, Rappahannock, Spotsylvania and Stafford*

OVERVIEW OF OCTOBER 2017 PROTOCOL REVISIONS

SECTION 1: ADMINISTRATIVE SECTION

- 1.0 Introduction: committee membership updated
- 2.0 Acknowledgements: content updated
- 3.18 Sexual Assault & Abuse: changed to “Assault & Abuse” and narrative information updated
- 3.21 Sepsis Pearls: added the use of current research guidelines for lactate levels

SECTION 2: MEDICAL

- 1.0 Stroke Triage Decision Scheme (MOVED and UPDATED). Now includes new revised information and scale to evaluate for LVO
- 2.0 Cardiac Arrest—Unknown Rhythm (UPDATED).
 - Wording change to use ECC guidelines for compression depth & rate
 - Maximum dose of Narcan removed
 - Added consideration for head’s up CPR with elevating patient head 30 degrees if using mechanical device
 - Reference to Dextrose 50% replaced with Dextrose 10%
 - Added defibrillation block to start of Pulseless VF/VT and added a consideration for double sequential defibrillation for refractory pulseless VF/VT algorithm.
- 3.0 General—Behavioral / Patient Restraint
 - Changed dose of Versed (Midazolam) to 2-5 mg for consistency
 - Updated dosing for chemical restraint dose of Ketamine to 0.25-0.5 mg/kg. Statement added to use the lowest effective dose to achieve desired effect due to recent concerns from obtunded patients being received in the ED.

OUTLINE OF 2017 PROTOCOL REVISIONS

- 5.0 General—Pain Control
 - Added the use of Toradol (Ketorolac) to AEMT level
 - Added Ketamine 0.25- 0.5 mg/kg as an alternative/option
 - In Notes – added statement about use of GCS and pain scale
- 6.0 Medical—Allergic Reaction / Anaphylaxis (removed Prednisone)
- 7.0 Medical—Altered Mental Status
 - Reference to Dextrose 50% replaced with Dextrose 10%
 - Removed max dose of Narcan, added comment to titrate for sufficient respiratory effort
- 9.0 Medical—Hypotension / Shock Non-Trauma
 - Added Zofran 4mg ODT to the EMT level to treat or provide prophylaxis against nausea.
- 10.0 Medical—Nausea / Vomiting
 - Added Zofran 4mg ODT to the EMT level to treat or provide prophylaxis against nausea.
- 11.0 Medical—Overdose / Poisoning / Toxic Ingestion
 - Updated Narcan (Naloxone) routes - IV/IM/IO/IN or by Nebulizer every 2-5 min titrating repeat doses for effective respiratory function
- 12.0 Medical—Respiratory Distress / Asthma / COPD/ Croup / Reactive Airway
 - Magnesium Sulfate was changed from Online Medical Control to standing to Standing Orders for Paramedic level.
- 13.0 Medical—Seizure
 - Reference to Dextrose 50% replaced with Dextrose 10%
 - Changed dose of Versed (Midazolam) to 2-5 mg for consistency

SECTION 3: TRAUMA

- 4.0 Injury—Head (Traumatic Brain Injury)
 - Added note about the use of GCS to monitor and trend patient condition.
 - Added the use of vasopressors at the intermediate level. Dopamine is first choice and Epinephrine is second choice. Administered to maintain Mean Arterial Pressure (MAP) of 60mmHg.

OUTLINE OF 2017 PROTOCOL REVISIONS

- 5.0 Injury—Multisystem
- Added note about patient with open extremity injury, guiding care to prevent further contamination during transport.
 - Added note about crush injuries – defined as significant force with weight or entrapment for greater than fifteen minutes – and observing for concerning signs/symptoms of pain outside normal bounds, redness, swelling and decreased pulses.
 - Added note for patients with unstable pelvic fractures and providing treatment with stabilization and compression of the pelvis.

SECTION 4: CLINICAL PROCEDURES

- 1.0 Scope of Practice
- First Responder was changed to EMR and EMT-Enhanced was changed to AEMT to align with current OEMS certifications.
 - Added mass gathering protocol as C-OMD. The OMD is expected to provide approval for events where this will be utilized.
- 2.0 Authorized Medication Table
- Removed Prednisone
 - Added Acetaminophen and Ibuprofen
- 3.0 Clinical Procedures
- 3.2 Airway—Sedation Assisted (non-paralytic)
- Changed dose of Versed (Midazolam) to 2-5 mg for consistency.
- 3.8 Ventilators & Continuous Positive Airway Pressure
- Changed CPAP from Online Medical Control to R-OMD at the EMT level.

SECTION 5: REFERENCE

- 1.0 EMS Stroke Alert Checklist – updated with new information aligned with the new state stroke plan. Schematic with decision scheme added to beginning of the medical section.
- 2.0 Newborn Resuscitation Algorithm / APGAR Scoring
- Epi dose typo corrected
- 17.0 Mass Gathering Protocol (added as a new protocol)

SECTION 6: MEDICATION REFERENCE

- Added Dextrose 10%. Acetaminophen, and Ibuprofen
- Removed Prednisone