



Rappahannock Emergency Medical Services Council, Inc.

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

MEMORANDUM

TO: All REMS Council EMS Agencies, EMS Physicians, and EMS Providers

FROM: Kelsey Rideout, Performance Improvement Specialist
Rappahannock Regional Office of EMS

DATE: June 29, 2022

SUBJECT: Protocol Update- Advanced Practice/Red Dot Items

On March 16th the Office of EMS released an update to the state Scope of Practice Procedure and Medication Formulary documents. Several items were identified as “Red Dot” or Advanced Practice items, and will require EMS Providers receive additional training before they are allowed to perform those procedures or use those medications after the July 1, 2022 implementation date. The REMS Patient Care Protocol Scope of Practice Table and Medication Formulary have been updated to reflect these changes (and a copy of the new tables is attached to this memo). Additional protocol changes will be released as part of the Protocol Sub-committee’s triennial update after the Board of Directors has reviewed them at their August 17th meeting.

Each provider must have post-affiliation documentation of approved training that is maintained in their individual files at their agency, in which the EMS Physician specifically includes/limits which Advanced Practice procedure/medication the provider is allowed to perform/use; if a provider is affiliated with multiple agencies, they must have post-affiliation documentation in each file at each agency. The Patient Care Protocols will be updated on the REMS website and AccessMeCare on July 1st when the changes take effect. If providers are unable to obtain training for a particular Advanced Practice procedure/medication by the July 1st deadline, then they are no longer able to perform/administer that procedure/medication.

If you have any questions, please feel free to contact Kelsey Rideout at 540-373-0249, or KRideout@vaems.org. We welcome your comments or other feedback on how to serve you better. Thank you for your professionalism and dedication to the regional EMS system.

PRE-HOSPITAL PATIENT CARE PROTOCOL

CLINICAL PROCEDURES

Section IV

**Rappahannock EMS Council
250 Executive Center Parkway
Fredericksburg, VA 22401**

**BASIC LIFE SUPPORT/ADVANCED LIFE SUPPORT
CLINICAL PROCEDURE PROTOCOL**

REVISED 06/2007, 12/2009, 06/2011, 10/2017, 05/2019, 04/2022
BOARD APPROVED 06/20/07; 12/16/15; 10/18/17; 06/19/19, 05/18/22

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Scope of Practice Table

Skill or Procedure	EMR	EMT	AEMT	EMT- I	EMT-P	CCP
Airway – Blind Insertion Airway Device (BIAD)	X	AP	S	S	S	S
Airway – BVM, Adult & Pediatric	S	S	S	S	S	S
Airway - CPAP/BiPAP – Adult	X	AP	AP	AP	AP	S
Airway – High Flow Nasal Cannula	X	X	AP	AP	AP	S
Airway – ET, Nasal – Adult	X	X	X	X	S	S
Airway – ET, Oral – Adult	X	X	X	S	S	S
Airway – ET, Oral – Pediatric (< 12 years)	X	X	X	X	AP	S
Airway – ETCO2	X	AP	S	S	S	S
Airway – Mechanical Ventilator – Monitor existing home/chronic ventilator	X	R-OMD	R-OMD	S	S	S
Airway – Mechanical Ventilator – Initiate/manage	X	X	X	AP	AP	S
Airway – Oropharyngeal or Nasopharyngeal	S	S	S	S	S	S
Airway – Position (Chin-Lift; Jaw Thrust)	S	S	S	S	S	S
Airway – Rapid Sequence Intubation (RSI)	X	X	X	X	AP	S
Airway – Needle Cricothyroidotomy	X	X	X	X	R-OMD	S
Airway – Surgical Cricothyroidotomy	X	X	X	X	R-OMD	S
Childbirth	S	S	S	S	S	S
EKG – Interpret a 12 Lead EKG	X	X	X	S	S	S
EKG – Obtain a 12 Lead EKG	X	S	S	S	S	S
EKG - Single Lead Interpretation	X	X	X	S	S	S
Electrical Therapy – Manual Defibrillation	X	X	X	S	S	S
Electrical Therapy – Cardioversion	X	X	X	S	S	S
Electrical Therapy – Transcutaneous Pacing	X	X	X	S	S	S
Extracorporeal Membrane Oxygenation (ECMO)	X	X	X	X	X	X
Foreign Body Removal – Extremities ONLY	X	X	X	X	X	S
Gastric Decompression	X	X	S	S	S	S
Bleeding Control	S	S	S	S	S	S
Intra-aortic Balloon Pump (IABP) transport	X	X	X	X	X	X
IO – Initiate	X	X	S	S	S	S
IV – Access Indwelling Port (Mediport)	X	X	X	AP	AP	S
IV – Access PICC	X	X	X	R-OMD	S	S
IV – Monitor IV rate and patency	X	S	S	S	S	S
IV – Peripheral, Initiate	X	X	S	S	S	S
IV – Set Up IV Fluid and Drip Set	X	S	S	S	S	S
Mechanical CPR Device (apply & use)	S	S	S	S	S	S
Medication Administration – IH (ET)	X	X	X	S	S	S
Medication Administration – IH (MDI)	X	S	S	S	S	S
Medication Administration – IH (Nebulizer)	X	R-OMD	S	S	S	S
Medication Administration – IM	X	R-OMD	S	S	S	S
Medication Administration – IN* Fixed Dose Medication	S	S	S	S	S	S
Medication Administration – IN* Dose Calculation/Measurement	X	X	S	S	S	S

Skill or Procedure	EMR	EMT	AEMT	EMT- I	EMT-P	CCP
Medication Administration – IV – Adult	X	X	S	S	S	S
Medication Administration – IV – Pediatric	X	X	S	S	S	S
Medication Administration – Patient Assisted with Home Prescription	X	S	S	S	S	S
Medication Administration – PO	X	S	S	S	S	S
Medication Administration – PR	X	X	S	S	S	S
Medication Administration – SL	X	S	S	S	S	S
Medication Administration – SQ	X	X	S	S	S	S
Medication Administration – TD	X	X	S	S	S	S
Needle Chest Decompression	X	X	X	S	S	S
Pericardiocentesis	X	X	X	X	AP	S
Resuscitative Endovascular Balloon Occlusion	X	X	X	X	X	X
Suction Endotracheal	X	S	S	S	S	S
Suction Meconium Aspiration with ET	X	X	X	X	R-OMD	S
Therapeutic Hypothermia	X	X	X	X	X	X
Pre-Hospital Ultrasound	X	X	X	X	R-OMD	S

CERTIFICATION DEFINITIONS

EMR = Currently certified as a Virginia EMT-First Responder with no OEMS/EMS PHYSICIAN limitations
EMT = Currently certified as a Virginia EMT-Basic with no OEMS/EMS PHYSICIAN limitations
AEMT = Currently certified as a Virginia Advanced EMT with no OEMS/EMS PHYSICIAN limitations
EMT-I = Currently certified as a Virginia EMT-Intermediate with no OEMS/EMS PHYSICIAN limitations
EMT-P = Currently certified as a Virginia EMT-Paramedic with no OEMS/EMS PHYSICIAN limitations
CCP = Currently certified as a National Registry and Virginia EMT-Paramedic who has completed an advanced practice curriculum or an advanced/critical care certification such as FP-C, CCEMT-P, CICP, etc. Also recommended to include ATLS training and EMS degree. ALSO, must have current EMS PHYSICIAN authorization to practice at this level on file at the REMS Council.

AP = Advanced Practice per OEMS Scope of Practice. Requires a provider to receive additional training designated by current EMS PHYSICIAN. ALSO, must have specific authorization to perform this skill/procedure on file at the REMS Council.

ORDER DEFINITIONS

S = Standing order – may be performed based simply on EMS Certification as defined above

O = On-line medical control order is required PRIOR to attempting the procedure

R-OMD = Skill is standing order per OEMS Scope of Practice, is but restricted to specific providers within the REMS Council – regardless of Virginia EMS certification – that have specific authorization from current EMS PHYSICIAN on file at REMS

X – NOT PERMITTED

Authorized Medication Table

Medication – generic name (trade)	EMR	EMT	AEMT	EMT- I	EMT-P	CCP
Acetaminophen (Tylenol)	X	S	S	S	S	S
Acetylsalicylic Acid (Aspirin)	X	S	S	S	S	S
Adenosine (Adenocard)	X	X	X	S	S	S
Albuterol (Proventil)	X	S	S	S	S	S
Amidate (Etomidate)	X	X	X	X	AP	S
Amiodarone (Cordarone)	X	X	X	S	S	S
Atropine Sulfate (Atropine)	X	X	X	S	S	S
Calcium (Calcium Chloride / Gluconate)	X	X	X	S	S	S
Dextrose 50%, 25%, 10% (D50,D25,D10)	X	X	S	S	S	S
Diltiazem Hydrochloride (Cardizem)	X	X	X	S	S	S
Diphenhydramine (Benadryl)	X	X	S	S	S	S
Dopamine (Dobutrex)	X	X	X	S	S	S
Epinephrine	X	S	S	S	S	S
Fentanyl Citrate (Sublimaze)	X	X	S	S	S	S
Furosemide (Lasix)	X	X	X	S	S	S
Glucagon (GlucaGen)	X	S	S	S	S	S
Ibuprofen (Advil, Motrin)	X	S	S	S	S	S
Ipratropium (Atrovent)	X	S	S	S	S	S
Ketamine (Ketalar) – Pain Management	X	X	X	S	S	S
Ketamine (Ketalar) – Sedation/Restraint	X	X	X	X	AP	S
Ketorolac (Toradol)	X	X	S	S	S	S
Lidocaine (Xylocaine)	X	X	S	S	S	S
Magnesium Sulfate (Magnesium)	X	X	X	S	S	S
Methylprednisolone (Solu-Medrol)	X	X	S	S	S	S
Midazolam Hydrochloride (Versed) - Sedation	X	X	X	S	S	S
Midazolam Hydrochloride (Versed) - Anticonvulsant	X	X	S	S	S	S
Naloxone (Narcan)	S	S	S	S	S	S
Nitroglycerin	X	S	S	S	S	S
Ondansetron (Zofran)	X	S	S	S	S	S
Oxygen	S	S	S	S	S	S
Rocuronium (Zemuron)	X	X	X	X	AP	S
Sodium Bicarbonate	X	X	X	S	S	S
Tranexamic Acid	X	X	S	S	S	S
Vecuronium (Norcuron)	X	X	X	X	AP	S

ORDER DEFINITIONS

S = Standing – may be administered based on EMS Certification as defined in scope of practice

X – Medication NOT PERMITTED to be administered at that certification level

AP = Advanced Practice per OEMS Scope of Practice. Requires a provider to receive additional training designated by current EMS PHYSICIAN. ALSO, must have specific authorization to perform this skill/procedure on file at the REMS Council.