



Virginia Office of Emergency Medical Services Scope of Practice - Formulary for EMS Personnel

This SOP represents *practice maximums*.

CATEGORY		EMR	EMT	AEMT	I	P	
Analgesics							
	Acetaminophen		●	●	●	●	
	Nonsteroidal anti-inflammatory		●	●	●	●	
	Opiates and related narcotics			●	●	●	
	Dissociative analgesics						
	Ketamine 0.5 mg/kg or less IV/IN/IM				●	●	Added IM as a route of administration 10-4-18
Anesthetics/Sedatives							
	Topical/Otic/Occular		●	●	●	●	
	Inhaled-self administered		●	●	●	●	
	Local (infiltration)			●	●	●	
	General - initiate					●	
	General - maintenance intubated patient				●	●	Added as a category and maintained at the I level, MDC 10-4-18
	Sedation for the violent/aggressive patient				●	●	Added as a category and maintained at the I level, MDC 10-4-18
	Antipsychotics				●	●	
	Benzodiazepines (for sedation)				●	●	
Anticonvulsants				●	●	●	
Glucose Altering Agents							
	Glucose Elevating Agents		●	●	●	●	
	Glucose Lowering Agents				●	●	
Antidotes							
	Anticholinergic Antagonists				●	●	
	Anticholinesterase Antagonists	●	●	●	●	●	
	Benzodiazepine Antagonists						
	Narcotic Antagonists	●	●	●	●	●	
	Nondepolarizing Muscle Relaxant Antagonist						
	Beta/Calcium Channel Blocker Antidote				●	●	
	Tricyclic Antidepressant Overdose				●	●	
	Cyanide Antidote				●	●	

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Use of medication not listed which is indicated by medical control and/or the operational medical director due to the use of a weapon of mass destruction is exempt from this list.



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	Cholinesterase Reactivator	●	●	●	●	●	
Antihistamines & Combinations			●	●	●	●	
Biologicals							
	Immune Serums				●	●	
	Antibiotics		●	●	●	●	
Blood/Blood products							
	Initiate					●	
	Maintain				●	●	
Blood Modifiers							
	Anticoagulants				●	●	
	Antiplatelet Agents		●	●	●	●	
	Hemostatic Agents		●	●	●	●	
	Thrombolytics					●	
	Anti-fibrinolytics (eg tranexamic acid)			●	●	●	Added at the AEMT level, MDC 10-4-18
Cardiovascular Agents							
	Alpha Adrenergic Blockers				●	●	
	Adrenergic Stimulants				●	●	
	Antiarrhythmics				●	●	
	Beta Adrenergic Blockers				●	●	
	Calcium Channel Blockers				●	●	
	Diuretics				●	●	
	Inotropic Agents				●	●	
	Vasodilatory Agents		●	●	●	●	
	Vasopressors				●	●	

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	Epinephrine for allergic reaction		●	●	●	●		
	Epinephrine administration systems for allergic reaction (See note below)		●	●	●	●	Approved by MDC 1-3-19	
Central Nervous System	Antipsychotic				●	●		
							Sedatives - Benzodiazepines removed from this section, MDC 10-4	
Dietary Supplements/Electrolyte	Vitamins							
	Minerals - start at a health care facility	See section: Intravenous Fluids						
	Salts - start at a health care facility							
	Electrolytes Solutions - started at a health care facility							
	Hypertonic Saline				●	●		
Gas								
	Oxygen	●	●	●	●	●		
	Heliox				●	●		
Gastrointestinal								
	Antacids							
	OTC			●	●	●		
	Antidiarrheals		●	●	●	●		
	Antiemetics		●	●	●	●		
	EMT SL/PO route only							
	H2 Blockers		●	●	●	●		
Hormones	Corticosteroids, Mineralocorticoids			●	●	●		
	Other Hormones							
	pitocin, octreotide, prostaglandins					●		
Intravenous Fluids	isotonic		●	●	●	●	EMT may transport patient with IV fluids not requiring titration or adjustment, and without additives including electrolytes (e.g. potassium, magnesium)	
* See note below)	hypotonic		●	●	●	●		
	hypertonic				●	●		
	M = Maintenance I = Initiate							
	Crystalloid, +/- Dextrose/Lactate		M	I/M	I/M	I/M		

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	with Multi=vitamins		M	M	M	M
	with Thiamine		M	M	M	M
Neuromuscular Blockers						●
Respiratory	Anticholinergics		●	●	●	●
	Sympathomimetics					
	Beta agonists		●	●	●	●
	Epinephrine (nebulized)				●	●
Dosage and Concentration Calculation				●	●	●
M = Maintenance						
I = Initiate						
	Note: EMT's may administer medications within their scope of practice in addition to assistance in administration of those medications. EMT's may access a drug kit to access those medications.					
	Note: Med-Math skills including dosage calculations and measurement of medication to be administered are outside EMT scope of practice. EMT's may draw epinephrine from vials or ampules for the treatment of acute allergic reactions using devices/systems using syringes with mechanical limiters or color-coded or other clearly marked indicators to allow accurate dose measurement.					
	EMT may transport patient with IV fluids not requiring titration or adjustment, and without additives including electrolytes (e.g. potassium, magnesium)					

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