

APPENDIX C

SCOPE OF PRACTICE MEDICATIONS / EMT-O and EMT-R

06/2022

MEDICATION	O	GUIDELINE/ INDICATION	DOSAGE		CONTRAINDICATION	CLASS	PHARMACOLOGIC ACTION
	R		ADULT	PEDIATRIC			
Acetaminophen (Tylenol®)	O	- Pain Management - Seizure (febrile) - Shock (sepsis)	15mg/kg PR/IV/IO/PO (max dose 1000 mg)	15mg/kg PR/IV/IO/PO (max dose 1000 mg)	Hypersensitivity. Severe acute liver disease.	Analgesic; antipyretic (fever reducer); other	Block pain impulse generation; inhibit prostaglandin synthesis in CNS
Activated Charcoal	O	- Poisoning - Calcium channel blocker overdose	1g/kg PO/NG	1g/kg PO/NG	Unprotected airway. Caustic ingestion. Intestinal obstruction.	Antidote	Absorbs variety of drugs and chemicals.
Albuterol	R	- Anaphylaxis - Bronchospasm - Airway respiratory irritants	2.5-5mg nebulized or 6 puffs MDI	2.5-5mg nebulized or 6 puffs MDI	Hypersensitivity. Tachycardia secondary to heart condition.	Beta-2 agonist	Relaxes smooth muscle with little effect on heart rate.
Aspirin	R	- Acute Coronary Syndrome (ACS)	162 to 325mg chewable	Ask on-line medical control	Hypersensitivity.	Anti-platelet agent. Non-steroidal anti-inflammatory drug (NSAID)	Keep blood platelets from sticking together.
Epinephrine 1:1000	R	- Anaphylaxis - Bronchospasm - Bronchiolitis - Croup	≥30 kg/66 lbs: Adult auto- injector or 0.3mg IM; repeat q 5-15 min PRN	≤30 kg/66 lbs: Pediatric auto- injector or 0.15mg IM; repeat q 5-15 min PRN	Hypersensitivity. Cardiac dilatation. Coronary insufficiency.	Alpha/beta adrenergic agonist	Vasoconstriction. Increase cardiac output and heart rate.
Glucagon	O	- Hypoglycemia	1mg IM/IN	≤20kg: 0.5mg IM/IN ≥20kg: 1mg IM/IN	Hypersensitivity.	Glucose elevating agent. Hypoglycemia antidote.	Insulin antagonist.
Glucose (oral)	R	- Altered mental status - Hypoglycemia	25 grams PO	0.5-1mg/kg PO (max 25 grams)		Simple carbohydrate	Agent to treat hypoglycemia
Ibuprofen (Advil®, Motrin®)	O	- Pain - Seizure (febrile)	10mg/kg PO max of 600mg	10mg/kg PO max of 600mg	Aspirin or NSAID allergy	Non-steroidal anti-inflammatory drug (NSAID)	Inhibition of COX (cyclo-oxygenase)
Ipratropium (Atrovent®)	O	- Bronchospasm - Airway respiratory irritant - Asthma - COPD	0.5mg nebulized max of 1.5mg total	0.5mg nebulized max of 1.5mg total	Hypersensitivity	Anticholinergics, respiratory	Relaxing/opening air passages to the lungs

MEDICATION	O	GUIDELINE/ INDICATION	DOSAGE		CONTRAINDICATION	CLASS	PHARMACOLOGIC ACTION
	R		ADULT	PEDIATRIC			
Isopropyl Alcohol	O	- Antiemetic - Nausea/vomiting			None	Secondary alcohol	
Naloxone (Narcan®)	R	- Altered mental status - Opioid overdose	Adult auto-injector or 0.4-2mg IV/IM/ETT or up to 4mg IN	Pediatric auto-injector or 0.4-2mg IV/IM/ETT or up to 4mg IN	Hypersensitivity	Opioid reversal agent.	Opioid antagonist
Naproxen (Aleve®)	O	-Pain	250-500mg PO	5 mg/kg PO (max 500mg)	Aspirin/NSAID allergy	Non-steroidal anti-inflammatory drug (NSAID)	Reduce hormones that cause pain and inflammation.
Oxygen	R	- Universal care for dyspnea or distress	Target of 93% or greater SpO ₂	Target of 93% or greater SpO ₂			