

List of Some Equipment and Medications Our Athens-Clarke County Fire Department Personnel Are Trained to Use, But Do Not Carry (Page 1)

Equipment/Medication ACCFD are Trained to Use but Don't Carry	Purpose	*Associated EMT Level **Actual or List Cost
Breathing Treatment Medication	These are essential in opening lung passages in asthma and emphysema patients. These treatments can keep patients from dying due to suffocation.	EMT-B, EMT-I, EMT-A <u>List</u> – Albuterol \$10.19 (25) \$0.41 per use <u>List</u> – Atrovent \$22.49 (25) \$0.89 per use
Breathing Treatment Nebulizer Kit	These are used for the administration of critical breathing treatments for citizens experiencing severe difficulty breathing. These are essential in opening lung passages in asthma and emphysema. These treatments can keep citizens from suffocating to death.	EMT-B, EMT-I, EMT-A <u>Actual Cost</u> - \$1.33 per kit -includes tubing, mask, and connector
Cardiac Medication Chewable Baby Aspirin	According to Harvard Medical School, "It's modern cardiology at its best, and it has improved considerably the outlook for heart attack victims. Aspirin helps by inhibiting platelets. But since the clot grows minute by minute, time is of the essence. Chewed aspirin works the fastest." (2 ½ times faster than swallowed aspirin)	EMT-B, EMT-I, EMT-A <u>Actual Cost</u> - \$1.98 for 3 bottles of 36 count, 81 mg, chewable (\$0.67 per bottle)
Cardiac Medication Nitroglycerin	This oral medication is given early to citizens having heart attacks to mitigate the impact of the event, and save valuable heart muscle.	EMT-A <u>List</u> – \$28.29 for 25 sublingual tablets, 0.4 mg
Cardiac Monitor (ECG Acquisition and Transmission)	EMT's can hook heart attack patients up to a cardiac monitor and transmit that information to the Emergency Room doctor for interpretation, saving valuable time.	EMT-B, EMT-I, EMT-A
D-50 (Dextrose)	In an unconscious diabetic patient, intravenous D-50 saves lives and preserves brain function.	EMT-I, EMT-A <u>List</u> - \$176.99 per box of 10 \$17.70 per prefilled syringe 50%, 25g, 50 mL
Glucagon (Dextrose)	This diabetic treatment drug is given intramuscularly by the EMT when IV access cannot be gained, to save lives and preserve brain function.	EMT-A <u>List</u> – Glucagon Kit \$282.99 per station 1 mg w 1 vial, sterile water 1 mL
IM Epinephrine (Adrenaline)	Intramuscular Epinephrine is critical in saving the lives of citizens experiencing a severe allergic reaction from food, insect stings, or some other environmental exposure.	EMT-B, EMT-I, EMT-A <u>Actual Cost</u> - \$165.50 for 10 1mg, 1mL (\$16.55 per unit)
Intraosseous Vascular Access Kit	This is approved for EMT use in pediatric and adult patients and is for fluid replacement in critically ill or injured citizens when IV access is not possible.	EMT-I, EMT-A <u>List</u> - \$133.99 per kit

*EMT Level and Capabilities taken from "Scope of Practice for EMS Personnel Georgia Office of EMS and Trauma Policy: SOP-2020-1(effective 4/23/2020)"

**All prices listed above are from www.boundtree.com except the chewable 81 mg aspirin which is from www.walmart.com ; List cost prices are higher than what we would actually pay.

List of Some Equipment and Medications Our Athens-Clarke County Fire Department Personnel Are Trained to Use, But Do Not Carry (Page 2)

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IV Fluids for Shock	Early IV access and fluid replacement, before vascular collapse, is vital in saving the lives of trauma patients, e.g., gunshot wounds, auto accidents, falls, or any other severe trauma.	EMT-I, EMT-A <u>Actual Cost</u> - IV Set - \$1.68 <u>List</u> - 1000 mL bag of Lactated Ringers - \$10.59 <u>List</u> - 14 ga IV catheters \$3.39 each 16 ga, 18 ga (same price)
IV Fluids for Medication Route	Medical IV line for Paramedic use upon arrival. Early IV access for cardiac medications in heart attacks saves lives and preserves heart muscle. Early IV access is also crucial in treating drug overdoses, life-threatening seizures, diabetic crises, psychiatric emergencies, abdominal pain, OB emergencies, stroke, respiratory distress, allergic reactions, high blood pressure, etc.	EMT-I, EMT-A <u>Actual Cost</u> - IV Set - \$1.68 500 mL bag of Sodium Chloride 0.9% - \$4.32 <u>List</u> – 20 ga IV catheters \$3.39 each 22 ga, 24 ga (same price)
Sharps Container	For safe needle discard	EMT-B, EMT-I, EMT-A <u>List</u> - \$5.50 per container
Upper Airway Suctioning (Battery Powered Device)	Portable battery powered suction is essential in maintaining the airway of a citizen whose airway is compromised by mucous, blood, vomit, etc. Hand powered suction is inadequate when dealing with larger volumes of secretions.	EMT-B, EMT-I, EMT-A
Notes:		

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Cardiac Monitor (ECG Acquisition and Transmission)	EMT's can hook heart attack patients up to a cardiac monitor and transmit that information to the Emergency Room doctor for interpretation, saving valuable time.	EMT-B, EMT-I, EMT-A
Chewable Baby Aspirin	According to Harvard Medical School, "It's modern cardiology at its best, and it has improved considerably the outlook for heart attack victims. Aspirin helps by inhibiting platelets. But since the clot grows minute by minute, time is of the essence. Chewed aspirin works the fastest." (2 ½ times faster than swallowed aspirin)	EMT-B, EMT-I, EMT-A
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IV Fluids for Shock	Early IV access and fluid replacement, before vascular collapse, is vital in saving the lives of trauma patients, e.g., gunshot wounds, auto accidents, falls, or any other severe trauma.	EMT-I, EMT-A
IV Fluids for Medication Route	Medical IV line for Paramedic use upon arrival. Early IV access for cardiac medications in heart attacks saves lives and preserves heart muscle. Early IV access is also crucial in treating drug overdoses, life-threatening seizures, diabetic crises, psychiatric emergencies, abdominal pain, OB emergencies, stroke, respiratory distress, allergic reactions, high blood pressure, etc.	EMT-I, EMT-A
Nebulizer Machine Kit	These are used for the administration of critical breathing treatments for citizens experiencing severe difficulty breathing. These are essential in opening lung passages in asthma and emphysema. These treatments can keep citizens from suffocating to death.	EMT-B, EMT-I, EMT-A
Nitroglycerin	This oral medication is given early to citizens having heart attacks to mitigate the impact of the event, and save valuable heart muscle.	EMT-A
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