



MLREMS Medication Formulary Effective November 1, 2016

ALS Medications

Agencies/ALS units may stock more than the minimum number per ALS unit expected in this document. Total stock per ALS unit must be approved by the Agency Medical Director.

Medication	Route	Desired Unit	Minimum Number per ALS Unit
Adenosine	IV, IO	6 mg	5
Albuterol	Nebulized	2.5 mg	3
Amiodarone	IV, IO	150 mg	3
Aspirin	PO	81 mg	4
Atropine	IV, IO	1 mg	2
Ipratropium	Nebulized	0.5 mg	3†
Calcium Chloride	IV, IO	1 gram	1
Dexamethasone	IV, IO	10 mg	1
Dextrose 10%	IV, IO	25 gram	1
Diltiazem	IV, IO	25 mg	1
Diphenhydramine	IV, IO	50 mg	1
Epinephrine 1:1,000 (1 mg/mL)	IV, IO, IM, Neb	1 mg*	2*
Epinephrine 1:10,000 (0.1 mg/mL)	IV, IO	1 mg	5
Glucagon	IM	1 mg	1
Glucose, oral	PO	Varies	1
Lidocaine 2%	IV, IO	100 mg	1
Magnesium	IV, IO	5 grams	1
Metoprolol	IV, IO	5 mg	2
Naloxone	IM, IV, IO, IN	2 mg	2
Nitroglycerin	SL#	0.4 mg	1
Norepinephrine	IV, IO	4 mg	1
Ondansetron	IM, IV, IO	4 mg	1
Sodium Bicarbonate	IV, IO	50 mEq	2

† A combination unit dose (such as DuoNeb®) may be carried in place of ipratropium (Atrovent)

* ALS units must carry a minimum of 2 mg Epinephrine 1:1,000 (1 mg/mL) and this may be fulfilled by carrying two 1 mg vials or one 30 mg vial at the agency's discretion.

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Nitroglycerin spray may be used in lieu of sublingual tablets.

Controlled Substances

Controlled substances are required of all ALS agencies in the Monroe Livingston Region. All ALS agencies must carry midazolam and must carry at a minimum either morphine or fentanyl for narcotic analgesia. The decision to carry morphine, fentanyl, or both is determined by the Agency and its Medical Director. Ketamine is an optional medication and determined by the Agency and its Medical Director. Minimum and maximum quantities are determined by the Agency and its Medical Director consistent with Bureau of EMS and Bureau of Narcotic Enforcement policy.

Medication	Route	Desired Unit
Fentanyl	IM, IV, IO, IN	100 mcg
Ketamine	IM, IV	500 mg
Midazolam	IM, IV, IO, IN	5 mg
Morphine	IM, IV	10 mg

Optional Medications

The following are optional medications and the decision to carry as well as quantities are determined by the Agency and its Medical Director.

Medication	Route	Desired Unit
Dexamethasone	PO	10 mg
Ketorolac	IM, IV	30 mg
Ondansetron	PO	4 mg

Rapid Sequence Intubation

Provision of Rapid Sequence Intubation is an optional program, however RSI-credentialed agencies must carry the minimum following medications.

Medication	Route	Desired Unit	Minimum Number per RSI Unit
Etomidate (Amidate)**	IV, IO	40 mg	1
Ketamine	IM, IV, IO	500 mg	1
Rocuronium	IV, IO	100 mg	1
Succinylcholine	IV, IO	200 mg	1



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