



## MLREMS Medication Formulary

### ALS Medications

ALS units may stock more than the minimum number per unit, however total stock per unit must be approved by the Agency Medical Director.

| Medication                          | Route           | Desired Unit | Minimum Quantity per ALS Unit |
|-------------------------------------|-----------------|--------------|-------------------------------|
| Adenosine                           | IV, IO          | 6 mg         | 3                             |
| 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 ††                          |
| 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.

†† If 0.1 mg/mL is unavailable, a dilutional equivalent of 1 mg/mL to achieve at least 5 doses of 0.1 mg/mL must be available.

\*\* Nitroglycerin spray may be used in lieu of sublingual tablets.



### Controlled Substances

All ALS agencies must carry midazolam and fentanyl. Ketamine and morphine are optional medications. Maximum quantities are determined by the Agency and its Medical Director within Bureau of EMS and Bureau of Narcotic Enforcement policy.

| Medication | Route          | Desired Unit | Minimum Quantity per ALS Unit |
|------------|----------------|--------------|-------------------------------|
| Fentanyl   | IM, IV, IO, IN | 100 mcg      | 200 mcg                       |
| Midazolam  | IM, IV, IO, IN | 5 mg         | 10 mg                         |
| Ketamine # | IM, IV         | 500 mg       | n/a                           |
| Morphine # | IM, IV         | 5 mg         | n/a                           |

# Optional at discretion of Agency and its Medical Director

### 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 |
|---------------|--------|--------------|
| Acetaminophen | PO     | 325 mg       |
| Dexamethasone | PO     | 10 mg        |
| Glucagon      | IM     | 1 mg         |
| Haloperidol   | IM, IV | 5 mg         |
| Ibuprofen     | PO     | 200 mg       |
| Ketorolac     | IM, IV | 30 mg        |
| Ondansetron   | ODT    | 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                           |

# Optional at discretion of Agency and its Medical Director

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