



Memorandum

To: All WNY ILS and ALS EMS Agencies

From: Craig Cooley, MD, MPH, EMT-P, FACEP
WREMAC Chairman

Cc: Southwestern Regional EMS Council
Wyoming-Erie Regional EMS Council
Big Lakes Regional EMS Council
Southern Tier EMS
Office of Prehospital Care
Lake Plains Community Care Network

Re: IV Fluid and Medication Minimum Stocking Requirements

Date: REVISED: August 20, 2009
SUPERSEDES: July 28, 2009

The Western Regional Emergency Medical Advisory Committee (WREMAC) has updated the minimum stocking requirements for IV Fluids and medications. This list supersedes all previous WREMAC publications, including Appendix M1 in the WREMAC Adult and Pediatric Advanced Life Support Protocols.

The attached list has two components by level of care: ***Required Fluids & Medications*** and ***Optional Fluids & Medications***.

Required fluids and medications represent the minimum list of supplies to be considered “in service” as an ILS or ALS unit.

Optional fluids and medications is a list of supplies that may be carried **in addition to the required list but only with your medical director’s written approval.**

If you have any questions concerning this list, please contact your regional program agency or medical director. A list of regional program agencies has been provided below.

Thank you for your time and dedication to the patients in our region!

EMS Program Agencies:

Niagara, Orleans, & Genesee Counties	Lake Plains CCN:	585-345-6110
Erie & Wyoming Counties	Office of Prehospital Care:	716-898-3600
Chautauqua, Cattaraugus, Allegany Counties	Southern Tier EMS:	716-372-0614

REQUIRED Fluids & Medications

*Please note: minimum dose is in reference to the amount needed for one call.
Additional stock should be on hand at all times!*

BASIC LEVEL UNITS:

<u>Medications</u>	<u>Minimum Quantity on Unit</u>
Epi-Pen (if approved)	2 Adult & 2 Junior
Albuterol	15mg
Aspirin 81mg and/or 325mg tablet	1 bottle

INTERMEDIATE LEVEL UNITS:

<u>Fluids & Medications</u>	<u>Minimum Quantity on Unit</u>
Epi-Pen (if approved)	2 Adult & 2 Junior
Albuterol	15mg
Aspirin 81mg and/or 325mg tablet	1 bottle
D10W	1000mL
Normal Saline Solution (.9%)	5000mL

CRITICAL CARE AND PARAMEDIC LEVEL UNITS:

<u>Fluids & Medications</u>	<u>Minimum Quantity on Hand Dose</u>
D5W solution	1000mL
Normal Saline solution	5000mL
Adenosine	30mg
Albuterol	15mg
Amiodarone ⁽¹⁾	450mg
Antiemetic – Ondansetron (Zofran) ⁽²⁾	8mg
Aspirin 81mg and/or 325mg tablet	1 bottle
Atropine	6mg
Calcium Chloride	2g
D50	75g
Diazepam or Lorazepam ⁽³⁾	20mg ⁽⁴⁾
Diphenhydramine	100mg
Dopamine	400mg
Epinephrine 1:1,000	4mg
Epinephrine 1:10,000 ⁽⁵⁾	10mg
Furosemide	100mg
Glucagon	1mg
Ipratropium	1mg
Lidocaine bolus	100mg
<i>(only for agencies credentialed for RSI)</i>	
Magnesium Sulfate	2g
Morphine Sulfate	20mg ⁽⁴⁾
Methylprednisolone	125mg
<i>or</i>	
Prednisone	50mg
Naloxone	8mg
Nitroglycerine 2% ointment	1 tube
Nitroglycerine 0.4mg tablets	1 bottle
Sodium Bicarbonate (8.4%)	100mEq
Sodium Bicarbonate (4.2%)	10mEq
Sodium Thiosulfate	12.5g
Thiamine	100mg

⁽¹⁾ Medical director option to substitute Lidocaine for Amiodarone

⁽²⁾ Required for pediatric protocols

⁽³⁾ See Benzodiazepine Policy in WREMAC Protocols, Page A1

⁽⁴⁾ According to Controlled Substance Operations Plan

⁽⁵⁾ Less Epi 1:10,000 may be required if medical director substitutes Vasopressin in Asystole protocol

OPTIONAL Medications

*Please note: Agency must stock all “required medications” in addition to “optional medications”.
Optional medications may only be used with **written authorization** from medical director!*

Minimal stock levels to be established by agency medical director

Anesthetic spray (e.g. Benzocaine 20%), or Lidocaine jelly 2%
Ceftriaxone (Rocephin)
Cimetadine
Diltiazem (Cardizem)
Etomidate
Famotidine
Lidocaine bolus (Used in place of Amiodarone. At least 500mg must be available)
Lidocaine drip 2g
Metoclopramide (Reglan)
Midazolam
Procainamide
Prochlorperazine (Compazine)
Promethazine (Phenergan)
Ranitidine
Succinylcholine (may be used by RSI credentialed AEMT-P only)
Terbutaline
Vasopressin
Vecuronium
Verapamil