



DEPARTMENT OF PUBLIC HEALTH
Emergency Medical Services Agency

POLICY #431.01

TITLE: **Drug and Solution Standards**

APPROVED: ON-FILE

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ON-FILE

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I. AUTHORITY

II. POLICY

Authorized EMS providers in Merced County, including special event units, shall maintain a Drug and Solution inventory of all items within these standards established by the Merced County EMS Agency.

III. PROCEDURES

- A. The provider agency shall ensure that each authorized drug and solution inventory is maintained and stored consistent with Federal, State and Local EMS Policy.
- B. Drug and solution inventory, which have been used, broken, near their expiration shall be replaced as soon as possible.
- C. Drug and solution inventories shall be checked (inventoried) each day. This shall include stored inventories not currently in use (must comply with Drug Enforcement Agency (DEA) regulations).
- D. Any deficiencies of the drug and solution inventory shall require that the ALSU be removed from service until the deficiencies are corrected.
- E. A complete drug and solution inventory (except IV solutions) shall accompany the patient in the transporting vehicle.
- F. Annual and random inspections by EMS Agency personnel will be made to verify that ALSU are maintained in compliance with requirements.

IV. DRUG AND SOLUTION INVENTORY

The chart below lists the required medications and the minimum amount carried. Ambulance providers may choose to carry an amount above the minimum (e.g. rural providers). It must also be noted that the strength/size of medication carried may become variable due to the availability of the medication.

	Description	Strength/Size (Recommended)	BLS Ambulance	ALS Ambulance	ALS First Responder	BLS Special Event
1	Adenosine	6 mg/2 ml		5	5	
2	Albuterol Sulfate	2.5 mg/3 cc		4	2	
3	Aspirin	81 mg	20	20	20	20
4	Atropine Sulfate	1 mg/10 ml		2	2	
		8 mg/20 ml		1	1	
5	Calcium Chloride 10%	1 gm/10 ml		2	1	
6	Dextrose	25 gm		2	2	
7	Diphenhydramine	50 mg/1 ml		2	2	
		Children's chewable	1 box	1 box	1 box	
8	Epinephrine	1:1,000 1 mg/1 ml		2	2	
		1:10,000 1 mg/10 ml		3	3	
		Epi Auto-injector/ Epi Kit	1			1
9	Fentanyl	100 mcg		2	2	
10	Glucagon	1 Unit of Medication/		1	1	
		1 ml of Diluting Solution 2				
11	Ketamine	500 mg vial		1	1	
12	Ketorolac	30mg/ml		2	1	
13	Lidocaine	100mg preload		3	3	
14	Magnesium Sulfate 50%	5 gm/10 ml		1	1	
15	Midazolam	5mg		2	2	
16	Morphine	10 mg		2	2	
17	Narcan	2 mg	2 Preload	2	2	
18	Nitroglycerine	0.4 mg		Tablets (1 bottle of 25)	Tablets (1 bottle of 25)	
19	Nitropaste	1-3 gm		1	1	
20	Normal Saline	10 ml		3	3	
		250 ml		2	1	
		1000ml		3	3	
21	Oral Glucose	15grams	1	1	1	1
22	Sodium Bicarbonate	44.6 - 50 mEq/50 ml		2	2	
23	Tranexamic Acid			1	1	
24	Zofran (Ondansetron)	2 mg/ml or ODT tablet 4 or 4 mg		4 or 4 mg	4 or 4 mg	