

CENTRAL CALIFORNIA
EMERGENCY MEDICAL SERVICES
A Division of the Fresno County Department of Public Health

Manual	Emergency Medical Services Administrative Policies and Procedures	Policy Number 293 Page 1 of 2
Subject	Drug and Solution Standards	
References		Effective 01/01/85

I. POLICY

Authorized EMS providers in Fresno, Kings, Madera, and Tulare Counties, including special event units, shall maintain a Drug and Solution inventory of all items within these standards established by the Central California EMS Agency.

II. 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.

Approved By	Daniel J. Lynch (Signature on File at EMS Agency)	Revision
EMS Director		10/01/2024
EMS Medical Director	Miranda Lewis, M.D. (Signature on File at EMS Agency)	

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III. 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	BLS Ambulance	ALS Ambulance	ALS First Responder	ALS Special Event	BLS Special Event
1	Acetaminophen	1 g/100 mL		2 g	2 g	0	
2	Adenosine	6 mg/2 mL		5	5	3	
3	Albuterol Sulfate	2.5 mg/3 mL		6	2	2	
		100 mg/20 mL		2	1	1	
4	Amiodarone	150 mg/3mL		2 or 300 mg	2 or 300 mg	2 or 300 mg	
5	Aspirin	81 mg	1 Bottle	1 Bottle	1 Bottle	1 Bottle	1 Bottle
			(Approx. 30)	(Approx. 30)	(Approx. 30)	(Approx. 30)	(Approx. 30)
6	Atropine Sulfate	1 mg/10 mL		4	3	3	
		8 mg/20 mL		1	1	1	
7	Calcium Chloride 10%	1 g/10 mL		2	1	1	
8	Dextrose in Water 50%	25 g/50 mL		2	2	1	
9	Diphenhydramine HCl	50 mg/1 mL		2	1	1	
10	Epinephrine	1:1,000 1 mg/1 mL		6	4	4	
		1:10,000 1 mg/10 mL		6	4	3	
		Epi Auto-injector	1				1
11	Fentanyl	Variable		100 mcg	100 mcg	100 mcg	
12	Glucagon	1 Unit of Medication/		2	2	1	
		1 mL of Diluting Solution 2					
13	Ketamine	Variable		50 mg	50 mg	0	
14	Lactated Ringer's	1,000 mL		6	4	2	
15	Magnesium Sulfate 50%	5 g/10 mL		2	1	0	
16	Midazolam	Variable		8 mg	8 mg	8 mg	
17	Naloxone	2 mg	2 Preloads	3	3	2	2 Preloads
18	Nitroglycerine	0.4 mg		Tablets (1 bottle of 25)	Tablets (1 bottle of 25)	Tablets (1 bottle of 25)	
19	Nitropaste	1-3 g		2	1	1	
20	Normal Saline	10 mL		3	1	1	
		250 mL		2	1	0	
21	Oral Glucose	15 g	1	1	1	1	1
22	Sodium Bicarbonate	44.6 - 50 mEq/50 mL		2	2	1	
23	Tranexemic Acid	1 g/10 mL		2 g	2 g	0	
24	Zofran (Ondansetron)	2 mg/mL or ODT tablet		4 or 4 mg	4 or 4 mg	0	