

PREHOSPITAL POLICY

Policy Reference No: 114  
Effective Date: 2/1/04  
Supersedes: 3/1/97  
Updated: 7/25/07

SUBJECT: ADVANCED LIFE SUPPORT FIRST RESPONDER EQUIPMENT AND SUPPLY

**I. PURPOSE:**

To establish the minimum of equipment and supplies to be available on ALS first responder units for prehospital response in San Luis Obispo County. The equipment and supply requirements are absolute minimums and agencies are encouraged to maintain sufficient supplies to meet their specific needs.

**II. AUTHORITY:**

- A. California Health and Safety Code, Division 2.5, Sections 1797.204, 1797.206 and 1797.220
- B. California Code of Regulations, Title 22, Section 100167 (a) 3

\_\_\_\_\_  
County Health Officer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Executive Director, Emergency Medical Services Agency

\_\_\_\_\_  
Date

\_\_\_\_\_  
Medical Director, Emergency Medical Services Agency

\_\_\_\_\_  
Date

## ALS First Responder Units

First responder Advanced Life Support units in San Luis Obispo County shall, at a minimum, have the following equipment and supplies available in the unit:

<u>Item</u>	<u>Standard Equipment Requirement</u>
<b>Oxygen/Airway:</b>	
Oxygen administration devices	
D or E sized cylinder with regulator capable of delivering 2-15 liters/minute	1
Nasal cannula	2
Adult non-rebreather masks	2
Pediatric/infant non-rebreather masks	2
Resuscitation equipment and supplies:	
Bag valve mask with O <sub>2</sub> reservoir and supply tubing	
Adult	1
Pediatric	1
Infant	1
Oxygen reserve: D or E cylinders	1
Oral airway set (sizes 5.5 - 12 or equivalent)	1 each
Nasopharyngeal airways (soft rubber)	2 each
Medium and large adult sizes	
Portable suction apparatus	1
Rigid pharyngeal tonsil tip	2
Suction catheters:	1 each
One each of at least 2 sizes, suitable for adult and pediatric endotracheal suctioning	
<b>Trauma:</b>	
Burn sheet	2
Saline solution (1000 cc)	2
4x4 gauze pads	10
Trauma dressing (10"x30") or larger universal dressings	2
3 or 4" roller gauze	8
Triangular bandage with safety pins	2
Tape, 1, 2, or 3" cloth	1 roll
Assorted band-aids	12
Long spineboard (or equivalent immobilization device)	1
Lightweight head immobilizer blocks	1 set
Straps to secure patient to board (minimum 3 straps)	1 set
Cervical collars:	
Stiff: Sizes to fit all patients over one year old	1 each
Splints, cardboard or equivalent	
18" arm splint	2
36" leg splint	

**Infection Control:**

Disinfectant solution or spray	1 bottle
Portable hand cleansing agent with microbial properties	1 dispenser
Infectious waste bags	2
Long-sleeved impermeable gowns	1 for each crew member
Latex gloves	1 box
Latex free gloves	1 box
Eye protection - goggles or full-face shield	1 per crew member
Surgical type masks	4
N95 respirators or equivalent	4

**Miscellaneous:**

Bandage scissors (heavy duty)	1
Pen light	1
Blanket, disposable	1
Blanket, wool	1
Triage tags	20
Stethoscope	1
Blood pressure cuffs:	
Adult	1
Large adult or thigh	1
Pediatric	1
Water, potable	1 liter
Trash bags (plastic)	2
Emesis basins or emesis bags with containers	2
Maps, entire county	1
Flashlight	1
Road flares	6
Fire extinguisher (ABC)	1
Obstetrical kit - sterile, prepackaged	1
Thermometer	1

## MEDICATIONS

Drug	Dosage	Amount
Activated charcoal	50 gm bottle (aqueous solution)	1
Adenosine	6.0 mg/2 cc	3
Albuterol unit dose	2.5 mg/3 cc solution	2
Aspirin	81 mg nonenteric coated chewable	1 bottle
Atropine	1 mg/10 cc	8
Atropine	8 mg multi-dose vial	3
Calcium Chloride 10%	1 gm/10 cc	1
Dextrose 50%	25 gm/50 cc	2
Diazepam	10 mg	2
Diphenhydramine	50 mg/1 cc or 50 mg/10cc	2
Dopamine	400 mg in 250 cc normal saline or 200 mg vial	1
Epinephrine	1:1,000 1 mg/1 cc (1cc preload)	2
Epinephrine	1:10,000 1 mg/10 cc (10cc preload)	6
Furosemide	40 mg unit dose	4
Glucagon	1 mg/1 cc	1
Glucose paste	15 gm	2 tubes
Lidocaine 2%	100 mg/10 cc	4
Mark-I kits		9
Morphine	10 mg	3
Naloxone	0.4 mg	8
Nitroglycerine SL or Nitrospray	0.4 mg/bottle of 20 tablets or equivalent	2
Sodium Bicarbonate	50 mEq/50cc	2

**Note: Because variations in medication supply occur, equivalent total dosage quantities may be substituted.**

## IV SOLUTIONS/EQUIPMENT

Item	Standard Equipment Requirement
0.9% Normal Saline—250 cc bag	1
0.9% Normal Saline—1000 cc bag	4
IV Tubing—60 gtt/cc	2
IV Tubing—10-20 gtt/cc	3
IV Catheters sizes 14, 16, 18, 20, 22, 24 gauge	2 each
IV extension tubing	2
<a href="#">Syringes with needles in ½", 1", and 1½" length and 18-30 gauge</a>	<a href="#">2 each [Updated 7/25/07]</a>
Syringes with needle: 1cc and 3cc	2 each
Syringes: 6-20cc	2
Intraosseous needles	1
<a href="#">Adult Intraosseous single-needle device (FDA-approved)</a>	<a href="#">2 [Updated 7/25/07]</a>
Saline locks	2
Alcohol and betadine swabs	10 each
Visual or electronic colorimetry blood glucose analyzer with appropriate supplies	1

**ALS Equipment**

Item	Standard Equipment Requirement
Airway:	
Endotracheal tubes:	
sizes 2.5, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9	1 each
Laryngoscope handles, with extra batteries	2
Laryngoscope blades	
Miller # 0, 1, 2, 3, 4 Macintosh # 1, 2, 3, 4	1 each
Adult and pediatric stylets	1 each
Magill forceps (pediatric and adult)	1 each
10-20cc syringe, sterile lubricant	1 each
Hand held nebulizer for inhalation therapy	2
Medrafter or equivalent	1
Needle cricothyrotomy kit with:	1
10 or 12 ga needle, 10-20cc syringe, alcohol and betadine wipes, oxygen supply adapter	
Portable, battery powered, cardiac monitor-defibrillator with:	1
Patient EKG cable	1
EKG recording chart paper	1 roll
Adult EKG electrodes	4 sets
Adult and pediatric defibrillation paddles	1 set each
Conductive defibrillation pads,	4
or Tubes of conductive gel	2
10 gauge/3 inch IV catheter for pleural decompression	2
Pulse oximeter	2