

SAN LUIS OBISPO COUNTY EMERGENCY MEDICAL SERVICES AGENCY
PREHOSPITAL POLICY

Policy Reference No: 114
Effective Date: 06/21/2010
Supersedes: 03/01/1997
Review Date: 10/01/2012

SUBJECT: ADVANCED LIFE SUPPORT FIRST RESPONDER EQUIPMENT
 AND SUPPLY

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.

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.

DEFINITIONS

Advanced Life Support first responder unit: A non-transporting ALS unit equipped with ALS personnel and equipment and approved by the San Luis Obispo County Emergency Medical Services Agency.

POLICY

In addition to basic California Highway Patrol (CHP) requirements, ALS first responder units shall, at a minimum, have the following equipment and supplies available in the unit.

ALS First Responder Equipment and Supply

SUPPLIES

Oxygen/Airway

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 ₂ 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	

Trauma

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	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	

ALS First Responder Equipment and Supply

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 free gloves		1 box
Eye protection - goggles or full-face shield	1 per crew member	
Disposable Surgical type masks		4
Disposable N95 respirators or equivalent minimum 1 per crew member		2

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/receptacles		2
Emesis basins or emesis bags with containers		2
Maps, entire county		1
Obstetrical kit - sterile, prepackaged		1
Thermometer		1

ALS First Responder Equipment and Supply

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	6
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 400 mg vials (400mg/10cc)	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/ 5 cc	4
** Mark I Kits		6
Morphine	10 mg	3
Naloxone	0.4 mg/1cc (4mg/10cc vial) or equivalent	2
Nitroglycerine		
SL or Nitrospray	0.4 mg/bottle of 20 tablets or equivalent	2
Nitro Paste 2%	1 gm single dose packet	5
Sodium Bicarbonate	50 mEq/50cc	2

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

** Optional Emergency Medical Services Agency suggested equipment

ALS First Responder Equipment and Supply

IV SOLUTIONS/EQUIPMENT

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
Syringes	Assorted - 1cc, 3cc, 6cc-20cc	minimum of 2 each
Needles Assorted	- ½", 1", 1 ½" - 18-30 gauge	minimum of 2 each
Intraosseous (IO) single needle device (FDA approved) adult and pediatric		1 each
Saline locks		2
Alcohol and betadine swabs		10 each
Visual or electronic colorimetry blood glucose analyzer with appropriate supplies		1

ALS First Responder Equipment and Supply

EQUIPMENT

Airway

Endotracheal tubes:	
sizes 2.5, 3.0, 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
Capnography device qualitative or quantitative	1
Hand held nebulizer for inhalation therapy	2
Medrafter or equivalent	1
Needle cricothyrotomy kit with:	1
10 or 12 gauge needle, 10-20cc syringe, alcohol and betadine wipes, oxygen supply adapter	
Portable, battery powered, cardiac monitor-defibrillator or	
** Portable cardiac monitor-defibrillator with 12-lead ECG capability with the ability to perform computerized ECG readings and provide hard copy ECG tracings with:	1
Patient ECG or 12-lead cable	1
ECG recording chart paper	1 roll
Adult ECG electrodes	4 sets
Adult and pediatric defibrillation pads or equivalent	1 set each
Conductive defibrillation pads, or Tubes of conductive gel	4 2
10 gauge/3 inch IV catheter for pleural decompression	2
Asherman chest seal or equivalent open wound dressing	1
Pulse oximeter	2
** Continuous Positive Airway Pressure(CPAP) Ventilator– portable/adjustable pressure settings FDA Approved with an oxygen supply	1

** Optional Emergency Medical Services Agency suggested equipment