

PREHOSPITAL POLICY

Policy Reference No: 112
Effective Date: 2/1/04
Supersedes: 10/1/98
Updated: 7/25/07

SUBJECT: ADVANCED LIFE SUPPORT AMBULANCE EQUIPMENT AND SUPPLY

I. PURPOSE:

To establish the minimum of equipment and supplies to be available on ALS Ambulances 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 Provider Ambulance

In addition to basic California Highway Patrol (CHP) requirements, ALS ambulances authorized to operate in the San Luis Obispo County shall, at a minimum, have the following equipment and supplies available in the unit:

Item	Standard Equipment Requirement
Oxygen/Airway:	
Nasopharyngeal airways (soft rubber) Medium and large adult sizes	2 each
Oropharyngeal airways (sizes 5.5 - 12 or equivalent)	2 each
Adult nonrebreather masks	2
Pediatric/infant nonrebreather mask	2
Adult nasal cannula	4
D or E size cylinder with regulator capable of delivering 2-15 liters per minute	1
M, H, or K cylinder with wall outlet(s) and constant flow regulator(s)	1
Oxygen reserve:	
D or E cylinders	1
Resuscitation equipment and supplies:	
Face masks for resuscitation (clear)	
Adult	2
Pediatric	2
Bag-valve mask with O ₂ reservoir and supply tubing	
Adult	1
Pediatric	1
Infant	1
Suction equipment and supplies:	
Rigid pharyngeal tonsil tip	2
Spare suction tubing	1
Suction apparatus (portable)	1
Suction catheters	2 each
Two each of at least 2 sizes suitable for adult and pediatric endotracheal suctioning	
Suction bulb - 3 oz capacity	1

<u>Item</u>	<u>Standard Equipment Requirement</u>
Trauma:	
Bandages and bandaging supplies:	
4"x4" sterile bandage compresses or equivalent	12
Trauma dressing 10"x30" or larger universal dressing	2
3 or 4" roller gauze	12 rolls
1, 2, or 3" cloth adhesive tape	1 roll
Triangular bandages with safety pins	4
Vaseline gauze (3"x8", or 5"x9")	2
Tongue bade or bite stick	2
Burn Sheets (sterile) - may be disposable or linen (with date of sterilization indicated)	2
Cervical collars:	1 each
Stiff: Sizes to fit all patients over one year old	
Cold packs	2
Irrigation equipment and supplies:	
Saline, sterile: 1,000cc	2
Long spine board and light weight head immobilizer blocks (or equivalent immobilization device)	2
Straps to secure patient to boards (minimum 3 straps per set)	2 sets
Splints, traction	
Adult and pediatric (A single device suitable for both is acceptable)	1 each
Splints, cardboard or equivalent	
18" arm splint	2
36" leg splint	2
K.E.D. or equivalent	1
Pediatrics spinal immobilization board (or equivalent immobilization device)	1
Infection Control:	
Long-sleeved impermeable gowns	3
Disinfectant solution or spray	1 bottle
Portable hand cleansing agent with microbial properties	1 dispenser
Infectious waste bags	2
Eye protection - goggles or full-face shield	2
Latex gloves	1 box
Latex free gloves	1 box
Masks - surgical type	6
N95 respirators or equivalent	6

<u>Item</u>	<u>Standard Equipment Requirement</u>
Transportation equipment:	
Collapsible gurney cot with adjustable contour feature	1
Stair chair or equivalent device	1
Sheets, pillow, pillow case, towels, blankets (cloth or disposable)	2
Scoop stretcher with straps	1
Flat vinyl/canvas stretchers with straps	2
Miscellaneous:	
Blood pressure cuffs (portable):	
Adult	1
Large adult or thigh	1
Pediatric	1
Obstetrical kit - sterile, prepackaged to include:	1
Umbilical cord clamps or ties	
Baby warming pouch	
(1) pair sterile scissors or scalpel	
Suction bulb	
OB pad	
Dry towel	
(1) Universal dressing, 10"x30"	
(1) Sterile abdominal pad, 8"x10"	
Plastic bag suitable for placenta	
Restraints - non-constricting wrist and ankle	1 set each
Stethoscope	1
Trash bags - plastic	2
Bandage scissors (heavy duty)	1
Emesis basins or emesis bags with containers	2
Water, potable	1 liter
Maps, entire county	1
Penlight	1
Flashlight	1
Road flares	6
Fire extinguisher (ABC)	1
Triage tags	20
Bed pan	1
Urinal	1
Thermometer	1

Medications		
Drug	Dosage	Amount
Activated Charcoal	50 gm bottle (aqueous solution)	1
Adenosine	6.0 mg/2cc	5
Albuterol Unit Dose	2.5 mg/3 cc solution	4
Aspirin, Bottle	81 mg nonenteric-coated chewable	1
Atropine	1 mg/10 cc	16
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	6
Diphenhydramine	50 mg/1 cc or 50 mg/10cc	2
Dopamine	400 mg in 250 cc 5% normal saline or 200 mg vials (200 mg/5cc)	1
Epinephrine	1:1,000 1 mg/1 cc (10 cc vial/ampule)	4
Epinephrine	1:10,000 1 mg/10 cc (10 cc preload)	8
Furosemide	40 mg unit dose	4
Glucagon	1 mg/1cc	1
Glucose paste	15 gm	2 tubes
Lidocaine 2%	100 mg/10cc	6
Mark-I Kits		6
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 - 1,000 cc bag	10
IV Tubing - 60gtt/cc	4
IV Tubing - 10-20gtt/cc	8
IV catheters sizes 14, 16, 18, 20, 22, 24 gauge	2 each
IV extension tubing	2
Syringes with needles in ½", 1", and 1½" length and 18-30 gauge	2 each [Updated 7/25/07]
Syringes with needle: 1 cc and 3cc	2 each
Syringes: 6-20 cc	2
Adult intraosseous single-needle device (FDA-approved)	2 [Updated 7/25/07]
Intraosseous (IO) needle	1
Saline locks	4
Alcohol and betadine swabs	10 each
Visual or electronic colorimetry blood glucose analyzer with appropriate supplies	1

ALS EQUIPMENT

<u>Item</u>	<u>Standard Equipment Requirement</u>
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	2 each
Magill forceps (pediatric and adult)	1 each
10-20 cc syringe, sterile lubricant	2 each
Needle Cricothyrotomy kit with:	1
10 or 12 ga needle, 10-20 cc syringe, alcohol and betadine wipes, oxygen supply adapter	
Hand held nebulizer for inhalation therapy	2
Medrafter or equivalent	1
Portable, battery powered, cardiac monitor-defibrillator	1
with:	
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	1