## AMBULANCE INVENTORY AND SUPPLY REQUIREMENTS

#### **VEHICLES**

- A. Ambulance vehicles shall meet standards specified in Title 13, California Code of Regulations, and each shall possess a valid emergency vehicle permit issued by the California Highway Patrol.
- B. Vehicles shall be maintained, clean and in sound mechanical and body condition at all times.
- C. All ambulances shall have adequate space in the patient care compartment to accommodate at least one stretcher patient and two providers. There shall be sufficient space to allow for patient care activities during transport.
- D. Vehicles shall be equipped with appropriate mobile and/or portable radios for communications with:
  - 1. Provider agency dispatch center
  - 2. Yolo Emergency Communication Agency
  - 3. Base hospitals on the County-designated radio system

### **GENERAL EMERGENCY EQUIPMENT SUPPLIES**

Ambulances shall meet the State requirements for emergency care equipment and supplies. Patient care equipment and supplies should be latex-free. All equipment and supplies carried for use in providing emergency medical care shall be maintained in clean condition and good working order and shall include, but not be limited to:

BLS Ambulance Items	Minimum In-service Requirement	Met
Hard – Work Helmet (Blue)	2	
Eye Protection (face shield, goggles, splash resistance)	2	
Jacket, full length EMS with reflective stripes	2	
Gloves – Chemical protective (optional)	1 box	
Gloves – Work (multi use)	2 pair	
Footwear covers	2 pair	
N-95 or equivalent Mask	5	
Glass punch (Optional)	1	
Prophylactic Medications: Mark 1 Auto Injector Kit (Optional, per YEMSA)	2	
D.O.T Emergency Response Guide	1	
Oropharyngeal airways: 00, 0, 1, 2, 3, 4, 5, 6	1 each	
Nasopharyngeal airways: 16,18, 20, 22, 24, 26, 28, 30, 32, 34	1 each	
Oxygen mask- adult/pediatric (non-rebreather)	2 each	
Oxygen mask - pediatric/infant	2 each	
Nasal cannula- adult/pediatric	2 each	
02 tank - fixed in vehicle with regulator (M-tank or equivalent)	1	
Portable 02 tank with variable flow regulator.	1	
(sufficient to provide patient with not less than 10 LPM- for 20 minutes)		
Self-inflating resuscitation Bag-Valve device, with clear mask, capable of use with 02: Adult and Child: Mask sizes (Adult, Children, Infant, Neo)	1 each	
Portable Suction with regulator or Portable suction with adult/pediatric (e.g. high/low) settings - mechanical/hand powered	1	
Wide bore tubing for portable suction	1	
Pharyngeal tonsil tip (rigid) for suctioning	2	
Suction catheters: 6F, 8FR, 10FR, 16/18FR	1 each	
Band-Aids	12	
Stair chair or carrying chair	1	
Disinfected Solution or Wipes (container, or box)	1	
Waterless hand cleanser (dispensing unit or wipes)	1	
Disposable Trash Container, with bags	1	
Red Biohazard bags	5	
Fire Extinguisher (A, B, C)	1	
Sterile Multi trauma dressing	12	
4x4" sterile gauze pads	4	
2" or 3" rolled bandages	6	
40" triangular bandages	4	
10x30" or larger universal dressing	2	
1", 2" or 3" adhesive tape	2 rolls	
Bandage shears	1	
Vaseline gauze	2	
Arm splints - with soft or cushioned surface or equivalent padded board, wrap around, wire ladder, inflatable, vacuum or cardboard (able to accommodate adult/pediatric/infants)	2	

# **BLS Ambulance items continued**

2	
1 each	
1	
1	
2	
2 each	
2	
1	
1 each	
1	
2000cc	
8	
1	
1	
1	
1	
2	
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2	
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1 tube	
1 kit	
	1 each 1 1 2 2 each 2 1 1 each 1 1 2000cc 8 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

# **ALS Ambulance Emergency Care Equipment and Supplies**

In addition to the BLS ambulance supply/equipment requirements, advanced life support units shall include, but not be limited to, the following:

ALS Ambulance Items	Minimum In-service Requirement	Met
Cellular telephone	1	
Monitor/defibrillator (portable) - must have strip chart recorder, 12-lead, synchronized Cardioversion, ETC02 monitoring, pulse oximetry monitoring, pacing capability. Defibrillator capable of discharging below 25 joules for pediatric	1	
Extra charged batteries for monitor/defibrillator	1	
ECG Paper (rolls)	2 roll	
Defibrillator paddles/pads: Adult, Pediatric each	1 set each	
12-lead patches	2 sets	
Pediatric ECG Electrodes	2 sets	
Laryngoscope handle	1	
Non-invasive End-Tidal C02 cannula	2	
Non-invasive End-Tidal C02 adapter- ETT	1	
Pulse oximeter adult & pediatric probes	1 set	
Laryngoscope blades: #0, 1, 2, 3, 4 Miller	1 each	
Laryngoscope blades: #2, 3, 4 Macintosh	1 each	
Endotracheal tubes: 2.5, 3.0, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0	2 each	
Endotracheal tube introducer (e.g. Bougie) Pediatric & Adult	1	
Water soluble lubricant - individual packets	3	
Magill forceps: Adult, Pediatric	1 each	
Batteries (extra) for laryngoscope	1 set	
Bulbs (extra) for laryngoscope	1	
ETT securing device: Adult	2	
Stylet: Adult, Pediatric	1 each	
Pen light	1	
End-Tidal C02 (ETC02) detector	2	
ETT Nebulizer Adapter	2	
King Airway Kit Tube- size 3, 4 and 5 Syringe Lubricant	1	
Hand-held nebulizer for inhalation	2	
Meconium Aspirator	1	
Waveform Capnography, adult and pediatric	2 each	
CPAP equipment	2	
Adult/Pediatric Transtracheal Catheter or 12g x 3"	1	
Commercial Tourniquet device	1	
Blood administration tubing (optional)	2	
Chlorhesidine swabs/skin prep	5	
Nebulizer mask for adult and pediatric	2 each	

# **ALS Ambulance items continued**

Pleural Decompression/Needle Thoracostomy kit or equivalent including: Angiocatheter- 12, 14 x 3", Syringe- 30cc, One-way valve, Rubber connecting tube, Betadine swabs (4), Alcohol swabs (4), Vaseline gauze (2), Sterile gauze pads (2), Tape.	2 sets	
IO insertion device e.g. EZIO, Jamshedi, Bone injector gun	2	_
Intraosseous needle - adult/pediatric/bariatric	2 each	
Pressure bag for adult IO	1	_
Syringes: I ml, 3 ml, 5 ml, 10 ml, 50ml	2 each	
Needles: 18ga, 20ga, 22ga, 25 or 24 ga	2 each	_
Medication-added labels	2	
IV catheters: 16ga, 18ga, 20ga, 22ga, 24ga	4 each	
Alcohol swabs	5	
Tourniquet (IV Start)	2	_
Razor	1	
Arm board(s) (adaptable for infant, child, adult)	1 each	
Normal Saline solution – 500ml or 1000ml bag for adult patients,	4 liters	_
D5W, 50ml or 100ml	2 each	_
Universal vial adapter/dispensing pin	2	
Normal Saline solution - 250ml for pediatric patients	2 each	
Saline lock with extension tubing	2	
IV tubing: mini drip (60gtt), macro drip (10/15gtt) or equivalent (8)	4 each mini/macro 8 each equivalent	
IV extension tubing	4	
Glucometer (with lancets and test strips (10 ea.))	1	
Secured drug box	1	
Pediatric length-based weight determination tape e.g. Broselow or equivalent	1	
Mucosal Atomizer Device	2	
Adenosine (6mg, prefilled)	5	
Activated Charcoal (50gm)	1	
Albuterol (2.5mg/3ml unit dose ampule)	4	
Amiodarone (150mg)	8	
Atropine (1mg preload)	6	
Aspirin (81mg tablets)	1 bottle	
Diphenhydramine (Benadryl) (50mgllcc)	2	
Diphenhydramine elixir – 100mg	1	
Calcium Chloride (1 gm)	4	
Dextrose 25% (250 ml)	2	
Dextrose 50% (25gm/50cc)	2	
Dopamine 400mg	1	
Epinephrine 1:10,000 (1mg/10cc)	8	
Epinephrine 1:1,000 (1mg/1cc)	5mg	
Fentanyl (optional)	200mcg(minimum)	
Glucagon (1mg/1cc)	1	_

## **ALS Ambulance items continued**

Lidocaine 2% for 10 pain control	100mg	
Midazolam (Versed) (5mg/ml ampule/vial)	10mg	
Morphine Sulfate (10mg/1cc ampule/vial)	20mg	
Naloxone (Narcan)	4mg	
Nitroglycerin (0.4 mg/tab or multidose spray)	1 bottle	
Ondansetron (Zofran)	4	
Sodium Bicarbonate (50mEq/50cc)	1	

## **REFERENCE**

EMSA # 216

American College of Surgeons, Equipment for Ambulances (2009)