

SUBJECT: BLS / ALS AMBULANCE INVENTORY

Date: 7/1/2013

- I. **Authority:** Health and Safety Code, Division 2.5, Section 1797.204.
- II. **Purpose:** Identify a minimum standardized inventory on all Basic Life Support and Advanced Life Support Transport Units.
- III. **Policy:** Essential equipment and supplies are required by California Code of Regulations, Title 13, Section 1103.2(a) 1-2 (for vehicle requirements refer to Policy # B 833). Each Basic Life Support or Advanced Life Support Transporting Unit in San Diego County shall carry as a minimum, the following:

**Basic Life Support Requirements:**

	<u>Minimum</u>
Ambulance cot and collapsible stretcher	1 each
Straps to secure the patient to the cot or stretcher	1 set
Ankle and Wrist Restraints	1 set
Linens (Sheets, pillow, pillow case, blanket, towels)	2 sets
Personal Protective Equipment (masks, gloves, gowns, shields)	2 sets
Oropharyngeal Airways	
Adult	2
<i>Pediatric</i>	2
<i>Infant</i>	1
<i>Neonate</i>	1
Pneumatic or rigid splints	4
Bag-valve-mask w/reservoir and clear resuscitation mask	
Adult	1
<i>Pediatric</i>	1
<i>Infant</i>	1
<i>Neonate Mask</i>	1
Oxygen Cylinder w/wall outlet (H or M)	1
Oxygen tubing	1
Oxygen Cylinder - portable (D or E)	2
Oxygen administration mask	
Adult	4
<i>Pediatric</i>	2
<i>Infant</i>	1
Nasal cannulas (Adult)	4
Nasal airways (assorted sizes)	1 set
Nebulizer for use w/sterile H <sub>2</sub> O or saline	2
Glucose Paste/Tablets	1 15g tube or 3 tabs
Bandaging supplies	
4" sterile bandage compresses	12
3x3 gauze pads	4
2", 3", 4" or 6" roller bandages	6
1", 2" or 3" adhesive tape rolls	2

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Bandage shears	1
10"x 30" or larger universal dressing	2
Emesis basin (or disposable bags)	1
Covered waste container	1
Portable suction equipment (30 L/min, 300 mmHg)	1
Suction device - fixed (30 L/min, 300 mmHg)	1
Suction Catheter - Tonsil tip	3
Suction Catheter (8, 12, 18)	1
Spinal Immobilization devices with straps	1
Head Immobilization device	2
Cervical collars - rigid	
Adult	3
<i>Pediatric</i>	2
<i>Infant</i>	2
Traction splint*	
Adult or equivalent	1
<i>Pediatric or equivalent</i>	1
Tourniquet, County approved type	2
Blood pressure manometer & cuff	
Adult	1
<i>Pediatric</i>	1
<i>Infant</i>	1
Obstetrical Supplies to include:	1 kit
Sterile gloves, umbilical tape or clamps, dressings, head coverings, ID bands, towels, bulb syringe, sterile scissors or scalpel, clean plastic bags	
Potable water (1 gallon) or Saline (2 liters)	1
Bedpan	1
Urinal	1
Disposable gloves - non-sterile	1 box
Disposable gloves - sterile	4 pairs
Cold packs	2
Warming packs (not to exceed 110 degrees F)	2
Sharps container (OSHA approved)	1
Agency Radio	1
EMS Radio	1
<u>Optional Item:</u>	
Automated External Defibrillator	
Oxygen Saturation Monitoring Device	
Adult probe	
<i>Infant/Pediatric</i>	
Positive Pressure Breathing Valve, maximum flow 40 Liters/min.	
Mark 1 Kit(s) or equivalent	

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**Advanced Life Support Requirements:**

All supplies and equipment in Basic Life Support Requirements in addition to the following:

<b>A. <u>Airway Adjuncts:</u></b>	<b><u>Minimum</u></b>
Capnograph (Quantitative End Tidal CO <sub>2</sub> )	1
CPAP (Continuous Positive Airway Pressure) Equipment	1
Endotracheal Tubes: Sizes: 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0 ( <i>cuffed</i> )	1 each
Esophageal Tracheal Double Lumen Airway (Kit) (Combitube: Small Adult)	1
<b>OR</b>	
Laryngeal/Tracheal Airway (King Airway: Size 3, Size 4, Size 5)	1 each
ET Adapter (nebulizer)	1 setup
Laryngoscope - Handle	2
Laryngoscope - Blade: <i>straight sizes 0-4</i>	1 each
<i>curved sizes 2-4</i>	1 each
Magill Tonsil Forceps small and large	1 each
Stylet <i>6 and 14 French, Adult</i>	1 each
<b>B. <u>Vascular Access/Monitoring Equipment</u></b>	<b><u>Minimum</u></b>
Blood Glucose Monitoring Device	1
IV Administration Sets: Macro drip	4
Micro drip	2
Or Multi-drip Chambers	6
IV Tourniquets	4
Needles: IV Cannula - 14 Gauge	8
IV Cannula - 16 Gauge	8
IV Cannula - 18 Gauge	8
IV Cannula - 20 Gauge	6
<i>IV Cannula - 22 Gauge</i>	4
<i>IV Cannula - 24 Gauge</i>	4
IM - 21 Gauge X 1"	6
Filter Needles	2
Angiocath for Needle Decompression—14 gauge, 3.25 inches	2
IO—Jamshidi-type (or approved device) needle—18 Gauge	2
IO—Jamshidi-type (or approved device) needle—15 Gauge	2
<b>OR</b>	
IO Power Driver with appropriate IO needles:	
15mm (3-39kg)	2
25mm (40kg and greater)	2
Syringes: 1 ml, 3 ml, 10 ml, 20 ml	3 each

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<u>C. Monitoring</u>		<u>Minimum</u>
Defibrillator pads		1 adult, 1 pediatric
Electrodes		1 box
Electrode Wires		1 set
Monitor/Defibrillator with 12 lead EKG & Pacing capability		1
Oxygen Saturation Monitoring Device		1
Adult probe		1
Infant/Pediatric		1
 <u>D. Other Equipment</u>		<u>Minimum</u>
Length Based Resuscitation Tape (LBRT)		1
Mucosal atomizer device (MAD)		2
Nasogastric Intubation Set-Up (10 or 12, 18 French)		1 each
Thermometer		1
Water Soluble Lubricant		1
 <u>E. Laminated Items:</u>		<u>Minimum</u>
Pediatric Drug Chart (P-117)		1
Standing Orders Protocol (laminated)		1
 <u>F. Replaceable Medications:</u>		<u>Minimum</u>
Adenosine	6 mg/2ml	30mg total
Albuterol	2.5 mg/3 ml or 0.083%	6 vials
ASA, chewable	80 mg each	6 units
Atropine Sulfate	1 mg/10 ml	2
Atropine Sulfate	multidose 0.4 mg/ml	1
Atrovent	2.5 ml (1 unit dose)	2
Calcium Chloride	1 GM/10 ml	1
Charcoal activated (no sorbitol)	50 GM	1
Dextrose, 50%	25 GM/50 ml	2
Diphenhydramine HCL (Benadryl)	50 mg/1 ml	2
Dopamine HCL	400 mg	1
OR PreMixed Dopamine 400mg/250ml in D5W		1
Epinephrine	1:1,000 (1 mg/1ml ampule)	6
Epinephrine	1:10,000 (1 mg/10 ml)	6
Glucagon	1 ml (1 unit)	1
Lidocaine HCL (preservative free)	100 mg/5 ml (2%)	4
Midazolam (Versed)	5mg/1ml	20mg total
Morphine Sulfate (injectable)	10 mg/1 ml	2
Naloxone HCL (Narcan)	1 mg/1 ml	6 mg total
Nitroglycerin	0.4 mg	1 container
Nitroglycerin topical preparation	2%	1 tube
Ondansetron (Zofran)	4mg/2ml	2

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Ondansetron (Zofran) PO/ODT	4mg	4
Sodium Bicarbonate	50 mEq/50 ml	3
<u>IV Solutions:</u>		
Normal Saline	1000 ml bag	4
Normal Saline	250 ml bag	2

H. Optional Items:

Amiodarone 150mg/3ml  
Armboard: Long  
Armboard: Short  
Aspiration based endotracheal tube placement verification devices  
Bougie  
Capnography cannula  
Carboxyhemoglobin monitor  
Cardiac compression device  
*Colorimetric carbon dioxide detector (if capnography not equipped to read EtCO<sub>2</sub> in patients weighing <15kgs).*  
Curved laryngoscope blades, size 0, 1  
Dextrose 10%  
Dopamine (Premixed) 400 mg in 250 ml D5W  
Hemostatic Gauze  
IO Power Drive needle 45 mm (40kg and greater with excessive tissue)  
IV Extension Tubing  
Lidocaine 2% Jelly - 5 ml tube  
Morphine Sulfate (Oral Immediate Release) 10 mg/5 ml  
Mesh hood, (spit sock or similar). Light color only (beige/white)  
Three-Way Stopcock with extension tubing  
Valium Autoinjector (MMST only)

**Note:** *Pediatric required supplies denoted by italics.*

\* One splint may be used for both adult & pediatric e.g. Sager Splint

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