

**Chapter: COUNTY OF SAN DIEGO EMERGENCY MEDICAL SERVICES**  
**Key Words: Policy/Procedure/Protocol**

**SUBJECT:** Critical Care Transport  
 Unit Inventory

**POLICY NO:** S-836  
**PAGE:** 1 of 6  
**DATE:** July 1, 2017

**AUTHORITY:** Health and Safety Code, Division 2.5, Sections 1797.220, 1797.222, and 1798.172; and San Diego County Code of Regulatory Ordinances, Division 10, Chapter 7.

**I. PURPOSE**

To identify a minimum, standardized inventory on all Basic Life Support (BLS) and Critical Care Transport (CCT) units

**II. POLICY**

**A.** Essential equipment and supplies are required by California Code of Regulations, Title 13, Section 1103.2(a) 1-20 and/or San Diego County Code of Regulatory Ordinances, Division 10, Chapter 7. Each BLS or CCT unit in San Diego County shall carry, at a minimum, the following as listed. Additional equipment, medications, and supplies may be stocked as needed.

<b>1. BLS Requirements</b>	<b>Minimum Requirements</b>
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
Oropharyngeal airways	-
• Adult	2
• Pediatric	2
• Infant	1
• Neonate	1
Pneumatic or rigid splints	4
Bag-valve-mask w/reservoir and clear resuscitation mask	-
• Adult	1
• Pediatric	1
• Infant	1
• Neonate mask	1
Oxygen cylinder w/wall outlet (H or M)	1
Oxygen tubing	1

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1. BLS Requirements (cont.)	Minimum Requirements
Oxygen cylinder – portable (D or E)	2
Oxygen administration mask	-
• Adult	4
• <i>Pediatric</i>	2
• <i>Infant</i>	2
Nasal cannulas (clear plastic) – 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 15 g 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
• Bandage shears	1
• 10"x30" 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 set
Head immobilization device	2 each
Spinal immobilization devices (1 min. 30", 1 min. 60") w/straps**	1 each
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
Blood pressure manometer and cuff	-
• Adult	1
• <i>Pediatric</i>	1
• <i>Infant</i>	1
• <i>Neonatal (mandatory only for neonatal CCT)</i>	1
Obstetrical supplies to include:	1 kit
• Sterile gloves, umbilical tape or clamps, dressings, head	-

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1. BLS Requirements (cont.)	Minimum Requirements
coverings, ID bands, towels, bulb syringe, clean plastic bags, sterile scissors <b>or</b> scalpel	-
Warm pack, <b>or</b> warming device (not to exceed 110°F)	1
Potable water (1 gallon) <b>or</b> Saline (2 liters)	1
Bedpan	1
Urinal	1
Disposable gloves – non-sterile	1 box
Disposable gloves – sterile	4 pairs
Cold packs	2
Sharps container (OSHA approved)	1
Agency radio	1
EMS radio	1
<u>Optional item:</u>	
Positive pressure breathing valve, maximum flow 40 liters/min	1

**B. CCT Transport Requirements**

All supplies and equipment in BLS requirements in addition to the following:

1. Airway Adjuncts	Minimum Requirements
Esophageal tracheal airway device (Combitube) – Reg, Sml Adult**	1 each
<b>OR</b>	
Laryngeal/tracheal airway (King Airway: sizes 3, size 4, size 5)	1 each
ET adapter	1 setup
<i>Feeding tube – 8 French</i>	1
<i>Bag-valve-mask Neonate size (mandatory only for neonate CCT)</i>	1

2. Vascular Access/Monitoring Equipment	Minimum Requirements
Blood glucose monitoring device**	1
Infusion pump and supplies	1
Intraosseous kit	1
IV administration sets	-
• Macrodrip	1
• Microdrip <b>or</b>	1
• Multi-drip chamber	1
IV Tourniquets	2
Needles:	-
• IV cannula – 14 gauge	1

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2. Vascular Access/Monitoring Equipment (cont.)	Minimum Requirements
• IV cannula – 16 gauge	1
• IV cannula – 18 gauge	1
• IV cannula – 20 gauge	1
• IV cannula – 22 gauge	1
• IV cannula – 24 gauge	1
• IM – 21 gauge x 1"	1
• S.C. 25 gauge x 3/8"	1
Syringes: 1 ml, 3 ml, 10 ml, 20 ml	2 each

3. Monitoring	Minimum Requirements
Defibrillator pads	1 adult, 1 <i>pediatric</i>
Electrodes	1 box
Electrode wires	1 set
Monitor/defibrillator w/12 lead EKG, pacing capability, and capnography (Quantitative end tidal CO <sub>2</sub> )	-
Oxygen saturation monitoring device**	1
• Adult probe	1
• <i>Infant/pediatric probe</i>	1

4. Packs	Minimum Requirements
Drug box	1
Personal protective equipment (masks, gloves, gowns, shields)	1 set

5. Other Equipment	Minimum Requirements
<i>Length based resuscitation tape (LBRT)</i>	1
<i>(8 or 10 French mandatory for neonatal CCT)</i>	1
<i>Pediatric drug chart</i>	1
Thermometer	1
Water soluble lubricant	1
<u>Optional items:</u>	
Aspiration based endotracheal tube placement verification devices	1
End tidal CO <sub>2</sub> detection devices	1 each
Endotracheal tubes	-
• Sizes 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5 ( <i>cuffed</i> )	1 each
• Sizes 6, 6.5, 7, 7.5, 8 ( <i>cuffed</i> )	1 each
Laryngoscope – handle	2
Laryngoscope – blade	-

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5. Optional items (cont.)	Minimum Requirements
• Curved and straight sizes 0-2	1 each
• Curved and straight sizes 3-4	1 each
Magill tonsil forceps – <i>small</i> and large	1 each
Stylet – 6 and 14 French, Adult	-

6. Replaceable Medications	Minimum Requirements
Adenosine – 6 mg/2 ml vial	6 vials
Albuterol – 2.5 mg/3 ml <b>or</b> 0.083%	6 vials
Amiodarone – 150 mg	3 vials
ASA, chewable – 81 mg	4
Atropine Sulfate – 1 mg/10 ml	3
Atrovent – 2.5 ml (1 unit dose vial) <b>or</b> 0.02%	2
Calcium chloride – 1 GM/10 ml	1
Dextrose, 50% - 25 GM/50 ml	1
Diphenhydramine HCL – 50 mg/2 ml	2
Dopamine HCL – 400 mg	1
Epinephrine 1:1,000 – 1 mg/1 ml vial	2
Epinephrine 1:10,000 – 1 mg/10 ml vial	3
Lidocaine HCL – 100 mg/5 ml (2%)	3
Lidocaine – 1 GM <b>or</b> 2 GM	1
Magnesium sulfate – 5 GM	5 G
Naloxone HCL (Narcan) – 2 mg/1 ml	1 each
Nitroglycerin – 0.4 mg	1 container
Nitroglycerin (optional) – 50 mg	1
Nitroglycerin topical preparation – 2%	1 tube
Normal saline for injection – 10 ml vial	1
Oxytocin (Pitocin) – 10 units/1 ml	2
Ondansetron (Zofran) – 4 mg/2 ml	1
Ondansetron (Zofran) PO/ODT (optional) – 4 mg	4
Sodium bicarbonate – 50 mEq/50 ml	1
Solumedrol – 125 mg	1
Anticonvulsant (e.g., Valium, Versed, <b>or</b> Ativan) – 1	QS
IV solutions:	
Normal Saline	
• 1000 ml bag <b>and/or</b>	2
• 500 ml bags – to total 2000 ml	4
Normal Saline – 250 ml bag	2

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<b>6. Replaceable Medications (cont.)</b>	<b>Minimum Requirements</b>
Normal Saline – 100 ml bag	2
D5W – 100 ml bag	1

*Note: Pediatric required supplies denoted by italics and are required inventory for units transporting pediatric and neonatal patients.*

\*One splint may be used for both adult and pediatric (e.g., Sager Splint)

\*\*Unit may remain in service until item is replaced or repaired