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:

<table>
<thead>
<tr>
<th>Item</th>
<th>Minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambulance cot and collapsible stretcher</td>
<td>1 each</td>
</tr>
<tr>
<td>Straps to secure the patient to the cot or stretcher</td>
<td>1 set</td>
</tr>
<tr>
<td>Ankle and Wrist Restraints</td>
<td>1 set</td>
</tr>
<tr>
<td>Linens (Sheets, pillow, pillow case, blanket, towels)</td>
<td>2 sets</td>
</tr>
<tr>
<td>Personal Protective Equipment (masks, gloves, gowns, shields)</td>
<td>2 sets</td>
</tr>
<tr>
<td>Oropharyngeal Airways</td>
<td></td>
</tr>
<tr>
<td><strong>Adult</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Pediatric</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Infant</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Neonate</strong></td>
<td>1</td>
</tr>
<tr>
<td>Pneumatic or rigid splints</td>
<td>4</td>
</tr>
<tr>
<td>Bag-valve-mask w/reservoir and clear resuscitation mask</td>
<td></td>
</tr>
<tr>
<td><strong>Adult</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Pediatric</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Infant</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Neonate Mask</strong></td>
<td>1</td>
</tr>
<tr>
<td>Oxygen Cylinder w/wall outlet (H or M)</td>
<td>1</td>
</tr>
<tr>
<td>Oxygen tubing</td>
<td>1</td>
</tr>
<tr>
<td>Oxygen Cylinder - portable (D or E)</td>
<td>2</td>
</tr>
<tr>
<td>Oxygen administration mask</td>
<td></td>
</tr>
<tr>
<td><strong>Adult</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Pediatric</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Infant</strong></td>
<td>1</td>
</tr>
<tr>
<td>Nasal cannulas (Adult)</td>
<td>4</td>
</tr>
<tr>
<td>Nasal airways (assorted sizes)</td>
<td>1 set</td>
</tr>
<tr>
<td>Nebulizer for use w/sterile H$_2$O or saline</td>
<td>2</td>
</tr>
<tr>
<td>Glucose Paste/Tablets</td>
<td>1 15g tube or 3 tabs</td>
</tr>
<tr>
<td>Bandaging supplies</td>
<td></td>
</tr>
<tr>
<td>4&quot; sterile bandage compresses</td>
<td>12</td>
</tr>
<tr>
<td>3x3 gauze pads</td>
<td>4</td>
</tr>
<tr>
<td>2&quot;, 3&quot;, 4&quot; or 6&quot; roller bandages</td>
<td>6</td>
</tr>
<tr>
<td>1&quot;, 2&quot; or 3&quot; adhesive tape rolls</td>
<td>2</td>
</tr>
<tr>
<td>Bandage shears</td>
<td>1</td>
</tr>
</tbody>
</table>
**COUNTY OF SAN DIEGO EMERGENCY MEDICAL SERVICES**  
**POLICY/PROCEDURE/PROTOCOL**  
**SUBJECT:** BLS / ALS AMBULANCE INVENTORY  
**Date:** 7/1/2015

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot;x 30&quot; or larger universal dressing</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Emesis basin (or disposable bags)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Covered waste container</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Portable suction equipment (30 L/min, 300 mmHg)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Suction device - fixed (30 L/min, 300 mmHg)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Suction Catheter - Tonsil tip</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Suction Catheter (8, 12, 18)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Spinal Immobilization devices with straps</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Head Immobilization device</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Cervical collars - rigid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adult</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Pediatric</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Infant</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Thermometer</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Traction splint*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adult or equivalent</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Pediatric or equivalent</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Tourniquet, County approved type</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Blood pressure manometer &amp; cuff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adult</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Pediatric</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Infant</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Obstetrical Supplies to include:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sterile gloves, umbilical tape or clamps, dressings, head coverings, ID bands, towels, bulb syringe, sterile scissors or scalpel, clean plastic bags</td>
<td></td>
<td>1 kit</td>
</tr>
<tr>
<td>Potable water (1 gallon) or Saline (2 liters)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Bedpan</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Urinal</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Disposable gloves - non-sterile</td>
<td></td>
<td>1 box</td>
</tr>
<tr>
<td>Disposable gloves - sterile</td>
<td></td>
<td>4 pairs</td>
</tr>
<tr>
<td>Cold packs</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Warming packs (not to exceed 110 degrees F)</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Sharps container (OSHA approved)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Agency Radio</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>EMS Radio</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Metronome (or equivalent device)</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

**Optional Item:**  
- Automated External Defibrillator  
- Chest Seals  
- Hemostatic Gauze  
- Oxygen Saturation Monitoring Device  
  - Adult probe  
  - Infant/Pediatric  
- Positive Pressure Breathing Valve, maximum flow 40 Liters/min.  
  - Mark 1 Kit(s) or equivalent
Advanced Life Support Requirements:
All supplies and equipment in Basic Life Support Requirements in addition to the following:

A. **Airway Adjuncts:**
   - Minimum
   - Capnograph (Quantitative End Tidal CO₂) 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 (cuffed) 1 each
   - Esophageal Tracheal Double Lumen Airway (Kit)
     - (Combitube: Small Adult) 1
   - **OR**
     - Laryngeal/Tracheal Airway 1 each
       - (King Airways: Size 3, Size 4, Size 5)
     - ET Adapter (nebulizer) 1 setup
     - Laryngoscope - Handle 2
     - Laryngoscope - Blade:
       - straight sizes 0-4 1 each
       - curved sizes 2-4 1 each
     - Magill Tonsil Forceps small and large 1 each
     - Stylet 6 and 14 French, Adult 1 each

B. **Vascular Access/Monitoring Equipment**
   - Minimum
   - Blood Glucose Monitoring Device 1
   - IV Administration Sets:
     - Macrodrip 4
     - Microdrip 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
     - IV Cannula - 22 Gauge 4
     - IV Cannula - 24 Gauge 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
   - **OR**
     - 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
C. Monitoring
   Defibrillator pads
       Minimum
       1 adult, 1 pediatric
   Electrodes
       1 box
   Electrode Wires
       1 set
   Monitor/Defibrillator with 12 lead EKG & Pacing capability
       1
   Oxygen Saturation Monitoring Device
       Adult probe
       1
       Infant/Pediatric
       1

D. Other Equipment
   Minimum
   Length Based Resuscitation Tape (LBRT)
       1
   Mucosal atomizer device (MAD)
       2
   Metronome (or equivalent device)
       1
   Nasogastric Intubation Set-Up (10 or 12, 18 French)
       1 each
   Thermometer
       1
   Water Soluble Lubricant
       1

E. Laminated Items:
   Minimum
   Pediatric Drug Chart (P-117)
       1
   Standing Orders Protocol (laminated)
       1

F. Replaceable Medications:
   Minimum
   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
   Atovent
       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
   Dextrose 10%
       25 GM/250 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
Ondansetron (Zofran) PO/ODT  4mg  4
Sodium Bicarbonate  50 mEq/50 ml  3

IV Solutions:
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
Chest Seals
Colorimetric carbon dioxide detector (if capnography not equipped to read EtCO₂ in patients weighing <15kgs).
Curved laryngoscope blades, size 0, 1
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)
Saline Lock
Three-Way Stopcock with extension tubing
Valium Autoinjector (MMST only)
Video Laryngoscope

Note: Pediatric required supplies denoted by italics.
* One splint may be used for both adult & pediatric e.g. Sager Splint