AIR RESCUE UNIT INVENTORY

I. APPLICATION:

This policy defines the standard drug and equipment inventory for basic life support (BLS) and advanced life support (ALS) air rescue units in Orange County. This inventory list applies to air rescue units only and differs from the standard required inventories to minimize the weight burden for aircraft. Title 8 CCR Section 5193, Bloodborne Pathogens, requires sharps injury prevention/needleless products to be utilized when appropriate.

II. POLICY:

Each OCEMS authorized BLS and ALS Air Rescue unit shall carry the following minimum equipment, supplies and drug inventory. Addition of equipment, supplies, or drugs not listed in this policy to air rescue inventory must be pre-approved by the Orange County EMS Medical Director. All equipment must be latex free.

III. EQUIPMENT

STANDARD BLS Air Rescue Unit Equipment:

- AED (BLS Units Only): AED, AED Pads and Razor (manual control monitor/defibrillator required for ALS units)
- AUTOMATIC CPR CHEST COMPRESSION UNIT: Battery powered, constricting band or plunger stabilized by chest band
- BAG-VALVE DEVICE WITH OXYGEN INLET AND RESERVOIR: adult, pediatric
- EXTRICATION SPLINT: Horizontal flexibility, vertical rigidity; stabilizes head, neck and back (appropriate for spinal motion restriction)
- GLUCOSE METER: With test strips and lancets
- OXYGEN: On board aircraft oxygen supply or portable "D" cylinder oxygen tank(s)
- OC-MEDS TABLET: OC-MEDS capable tablet/computer for PCR documentation
- PULSE OXIMETER: Fingertip or portable
- SUCTION UNIT: Portable or handheld manual operation, with disposable canister and large bore (tonsil tip type) catheters
- SPHYGMOMANOMETER: 20 to 300 mm Hg, dial with no pin stop Blood pressure cuffs - Pediatric and adult cuffs
- TRACTION SPLINTS: Lightweight, portable: adult, pediatric

OPTIONAL BLS Air Rescue Unit Equipment:

- BACKBOARDS: Surface must be sealed and allow for decontamination between each patient use. Design should include a minimum of three straps (may be disposable) / with or without head immobilization device for backboard
IV. **BLS Air Rescue Unit Supplies:**

Airway, nasopharyngeal: adult and pediatric sizes  
Airway, oral: Adult and pediatric sizes  
Alcohol wipes  
Bags - Bio and Regular (for trash or emesis)  
Bandage Shears  
Blanket, clean / disposable (may use for burn covering)  
Cannulas, nasal oxygen: Adult and pediatric  
C-Collar, semi rigid or inflation design adult and pediatric sizes or adjustable collars  
Catheter, suction: sizes #6, #10, #14,  
Combitubes®: Regular and Small Adult or King Airway 4, 5  
CO₂ detector – End tidal CO₂ detector (colorimetric or other FDA approved capnography device)  
Dressings  
  Kerlix roll  
  4X4 gauze Sponges Sterile and Nonsterile  
  ACE Wrap (3 inch width)  
Gloves: Assorted sizes clean  
Mask, oxygen non-rebreather: adult and pediatric  
Pediatric length-based resuscitation tape  
Penlight/flashlight  
Personal protective equipment (masks, gowns, gloves, eye shields)  
Razors, disposable  
Restraints: Soft or Hard leather  
Sharps needle disposal unit  
Stethoscope  
Syringes sizes:  
  1 mL  
  12 (10) mL  
Syringe, catheter tip (for irrigation)  
Splint Cardboard or SAM  
Tape: assorted sizes and types  
Tourniquet with quick release

**Optional BLS Air Unit Supplies:**

Airway adapters: 22mm,15mm  
Bag - Emesis  
Burn dressing: Clean sheet or approved burn covering  
Cold packs, chemical  
Dressings: 5x9 ABD dressing  
ET tube holders  
Solution, sterile; NS 1000 mL (for irrigation)  
Triangular Bandage  
Thermometer, temporal, otic, or oral; electronic with disposable patient contact probes, FDA Approved.
V. ALS AIR RESCUE UNIT EQUIPMENT:

ALS AIR RESCUE UNIT EQUIPMENT INCLUDES ALL STANDARD BLS EQUIPMENT AND SUPPLIES LISTED ABOVE AND THE FOLLOWING:

LARYNGOSCOPE: Battery operated, quick change blades
Handles: Adult and/or pediatric
Batteries (extra)
Blades: Adult - (single use/disposable acceptable)
         Pediatric for laryngoscopic foreign body removal - straight #1 and 
         #2 (single use/disposable acceptable)

MAGILL FORCEPS: Adult and pediatric; closed tip

MONITOR / DEFIBRILLATOR (Manual Control, Biphasic Output - FDA approved):
ECG Leads/Defibrillation-Pacing pads and cables
Defibrillation capability / transcutaneous cardiac pacing capability
Synchronizing countershock capability
ECG monitoring capability with internal acute myocardial infarction
         interpretation capability
Recorder: Must be able to produce a paper print out or transmissible
         electronic ECG copy of high quality.
May include pulse oximetry and ETCO₂ detection modules with output
Batteries/Charge Units as Main Power Source

OPTIONAL AIR RESCUE UNIT EQUIPMENT:

VIDEO LARYNGOSCOPE: Hand held preferred

VI. ALS AIR RESCUE UNIT SUPPLIES

ALS AIR RESCUE UNIT SUPPLIES INCLUDE ALL STANDARD BLS SUPPLIES LISTED ABOVE AND THE FOLLOWING:

Acorn nebulizer: mouth and aerosol mask
ET tube: Assorted Adult sizes
Flexible intubation guide
Intracutaneous (IO) needles with or without mechanical drill placement device
IV catheters, over needle sizes 16 through 22 gauge
IV rate flow regulator
IV tubing: Macro drip, 15 drops/mL or 10 drops/mL
         IV tubing must have at least two medication injection sites. Recommended tubing has a "Y" adapter
Lock, saline
OB kit with Bulb syringe
Needle- ARS type for chest decompression or Needle chest decompression kit (needle minimum 2 ½-inch
         length)
Needles: sizes: 18ga; 20ga (21ga);
Stylette, malleable (for ET tubes)
Syringes sizes: 3 ML, 6 (5) ML
Tourniquets, IV
## DRUG INVENTORY BLS RESCUE

<table>
<thead>
<tr>
<th>MEDICATION</th>
<th>PREPARATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral glucose solution</td>
<td>Various formulations</td>
</tr>
</tbody>
</table>

## DRUG INVENTORY ALS RESCUE

<table>
<thead>
<tr>
<th>MEDICATION</th>
<th>PREPARATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adenosine</td>
<td>6 mg/vial or prefilled syringe, OR 12 mg/vial or prefilled syringe</td>
</tr>
<tr>
<td>Albuterol (for inhalation)</td>
<td>3.0 mL (2.5 mg) of a 0.083% solution OR metered dose inhaler (Single use)</td>
</tr>
<tr>
<td>Amiodarone</td>
<td>50 mg/mL, vial or prefilled syringe</td>
</tr>
<tr>
<td>Aspirin, chewable</td>
<td>81 mg tablet individually packaged</td>
</tr>
<tr>
<td>Atropine</td>
<td>1 mg ampule, vial, or prefilled syringe</td>
</tr>
<tr>
<td>Dextrose 10%</td>
<td>250 mL sterile bag</td>
</tr>
<tr>
<td>Diphenhydramine</td>
<td>50 mg vial or prefilled syringe</td>
</tr>
<tr>
<td>Epinephrine 0.1 mg/mL</td>
<td>1 mg/10 mL prefilled syringe</td>
</tr>
<tr>
<td>Epinephrine 1.0 mg/mL</td>
<td>1 mg/1 mL ampule</td>
</tr>
<tr>
<td>Fentanyl and/or Morphine sulfate</td>
<td>100 mcg vial, 4, 5 or 10 mg vial or prefilled syringe</td>
</tr>
<tr>
<td>Oral glucose solution</td>
<td>Various formulations</td>
</tr>
<tr>
<td>Glucagon</td>
<td>1 mg ampule with diluent</td>
</tr>
<tr>
<td>Midazolam</td>
<td>5 mg vial or prefilled syringe</td>
</tr>
<tr>
<td>Naloxone</td>
<td>Ampule, vial, prefilled syringe, or nasal spray</td>
</tr>
<tr>
<td>Nitroglycerin</td>
<td>0.4 mg/metered dose spray, 0.4 mg/tab, or powder packet</td>
</tr>
<tr>
<td>Normal saline</td>
<td>10 mL prefilled syringe or vial Without preservative, for respiratory treatment</td>
</tr>
<tr>
<td>Normal saline</td>
<td>1000 mL sterile IV bag</td>
</tr>
<tr>
<td>Ondansetron</td>
<td>Oral Dissolvable tablet or solution for injection</td>
</tr>
</tbody>
</table>

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Effective Date: May 01, 2018