

	<b>COUNTY OF SACRAMENTO</b> <b>EMERGENCY MEDICAL SERVICES AGENCY</b>	Document #	2030.23
	<b>PROGRAM DOCUMENT:</b>  <b>Advanced Life Support Inventories</b>	Initial Date:	06/09/1994
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Signature on File

Signature on File

EMS Medical Director

EMS Administrator

### Purpose:

- A. It is the sole responsibility of the provider agency to make available to their Paramedics sufficient inventory to offer Advanced Life Support (ALS) services at all times while in service, as defined by both the state Emergency Medical Services Authority (EMSA) scope of practice and the Sacramento County Emergency Medical Services Agency (SCEMSA) optional scope of practice.

### Authority:

- A. California Health and Safety Code, Division 2.5
- B. California Code of Regulations, Title 22, Division 9

### Policy:

- A. All Paramedics, who, at the time of a medical incident, are in service and employed in the capacity of a Paramedic by their provider agency, shall have all the necessary medications, equipment, and materials to render an ALS level of service.
- B. It is the sole responsibility of the provider agency to have all the necessary medications, equipment, and materials available for the Paramedic, who, at the time of a medical incident, is in service and employed in the capacity of a Paramedic.
- C. Providers may choose to carry only one narcotic analgesic (Fentanyl or Ketamine\*) and only one non-narcotic analgesic (Acetaminophen or Ketorolac) for pain control.

\*Note: Although Ketamine is not a narcotic, it will be considered an option in lieu of Fentanyl if providers choose not to carry both.

- D. Provider agencies may choose not to supply non-transporting ALS units with those items indicated by an asterisk (\*) on the SCEMSA Inspection Guide.
- E. Any deficiencies in the quantity of sufficient materials to [offer](#) ALS service involving patient care, whether the deficiency affected patient care, as defined by both the EMSA scope of practice and the SCEMSA optional scope of practice, shall be reported, in writing, to SCEMSA within seven (7) days of the occurrence.
- F. SCEMSA shall conduct periodic ALS unit inspections to validate compliance.
- G. The SCEMSA Inspection Guide is not an all-encompassing list nor indicates quantities based on the Providers' geographic response areas and responsibility for identifying sufficient quantities to deliver the necessary care specified in the SCEMSA Policies.

### **AIRWAY**

Bag valve mask resuscitator, adult and pediatric capable  
Continuous Positive Air Pressure (CPAP) device with  
Sm, Med, and Lg masks. \*  
Yankauer or tonsil tip suction catheter  
Stylet malleable, adult and pediatric

ETT nebulizer adapter  
Laryngoscope handle  
Suction catheter kit, adult and pediatric  
Magill forceps – adult and child  
Nasal cannula  
Minimum Thoracostomy Needle- Minimum 14 gauge 3.25”  
NPA sizes 24-36 Fr  
Portable suction unit  
Spare Laryngoscope batteries

Supraglottic intubation device (iGel®) Infant through adult  
Capnometer  
Continuous waveform Capnography

Endotracheal tubes sizes:  
Uncuffed and/or cuffed: 5.0-5.5  
Cuffed: 6.0, 6.5, 7.0, 7.5, 8.0  
Handheld nebulizer  
Laryngoscope blades, Macintosh sizes 1, 2, 3, and 4,  
Miller sizes 0, 1, 2, 3 and 4  
Material/device to secure the endotracheal tube  
Non-rebreather bag mask, adult and pediatric  
OPA sizes 80-110 mm

Portable oxygen cylinder with regulator  
Spare laryngoscope bulbs

### **ELECTROCARDIOGRAM**

Cardiac/Defib Monitor w/ Pacing Capabilities  
Spare paper for the monitor  
12-lead\* and 3-lead ECG cables  
Equipped and capable of transmitting 12-Lead ECG

Spare batteries for cardiac monitor  
Defibrillation/Pacing pads, adult and pediatric  
Electrode pads

### **INTRAVENOUS ACCESS SUPPLIES**

Antiseptic solution  
  
IO needles\* 45mm, 25mm, and 15mm  
Pediatric solution administration kit (60 droplet set or equivalent) \*  
Intravenous solution  
Sharps needle disposal container  
Tourniquet

Intravenous catheters (over the needle) 14, 16, 18, 20, 22 and 24

EZ-IO\*  
Intravenous solution administration device

Medication administration needles  
Medication administration syringes

### **MEDICATIONS**

Adenosine\*  
Amiodarone  
Atropine  
Ipratropium Bromide  
Diazepam\* (only during SCEMSA recognized shortages or under PD# 8027)  
Epinephrine 1:10,000  
Glucagon hydrochloride

Albuterol .05% solution  
Aspirin, chewable  
Dextrose: D50, D25, and D10  
Diphenhydramine  
Epinephrine 1:1,000  
  
Fentanyl\*  
Lidocaine HCL 2%\*

Midazolam\*  
 Naloxone  
 Buprenorphine (optional for all ALS)\*  
 Ketamine\*  
 Magnesium Sulfate  
 Nitroglycerine paste with tape applicator\*  
 Ondansetron\*  
 Sodium bicarbonate\*  
 Tranexamic Acid (TXA)\*  
 Tylenol\* (must carry either Tylenol or Ketorolac)

Morphine Sulfate\* (optional in place of Fentanyl)  
 Nitroglycerine Spray or equivalent  
 Normal Saline  
 Oral glucose  
 Ketorolac\* (must carry either Tylenol or Ketorolac)  
 Water soluble lubricant

### **TRAUMA SUPPLIES**

Backboard with straps\*  
 KED or short board device\*  
 Traction splint, adult and pediatric\*  
 Hemorrhage control supplies and/or Quick Clot  
 Vaseline Gauze

Cervical collars (rigid): of appropriate sizes / adjustable  
 Rigid splints, arm, and leg  
 Head immobilizer  
 Triangular Bandages  
 Sterile Dressings (burns)  
 Cold/Hot Packs\*

### **COMFORT SUPPLIES**

Blanket\*  
 Pillow\*

### **MISCELLANEOUS**

Glucometer with testing supplies  
 Shears  
 Emesis Containers/Pan\*  
 Stethoscope  
 Thermometer

Obstetrical kit with hat and blanket  
 Personal Protective Equipment (PPE)  
 Triage tags with ties  
 Penlight  
 Blood pressure cuff; adult, pediatric

*\*Optional for ALS Non-Transporting Units*

- H. The following inventory item list is the minimum allowable supplies to be carried on a non-motorized, non-transporting specialty unit. These units include but are not limited to: Bike Patrol and Foot Patrol.
- I. The provider is responsible for providing this service and is required to carry the appropriate quantity of each item as deemed appropriate for their specific event.
- J. While these items represent the minimum allowable, it is appropriate and encouraged to carry any item from this entire policy as deemed necessary and appropriate for the specific event or assignment. The carrying of any equipment from the items listed in Section F do not need to be approved by SCEMSA if carried on these specialty units, provided the requirements of that specific item can be met (e.g., Narcotics)

**Non-Motorized Specialty Unit Minimum Inventory:****Medications:**

Epinephrine: 1:10,000

Atropine

Nitroglycerine spray or equivalent

Oral Glucose

Diphenhydramine

Albuterol

Epinephrine: 1:1,000

Aspirin

Glucagon

Naloxone

Dextrose 50%

Dextrose 10% (optional)

Sodium Chloride Vial

**Airway:**

Portable oxygen cylinder with regulator

Nasal Cannula

ETT nebulizer adapter

NPA sizes 24-36 Fr

Supraglottic Intubation Device (iGel®)

Infant - Adult

Laryngoscope handle/blades

Mac 1-4, Miller 0-4

Spare laryngoscope bulbs

Capnometer (Adult/Child)

Portable Suction

Water soluble lubricant

Non-rebreather bag mask, adult and pediatric

Handheld nebulizer

Bag valve mask resuscitator, adult and pediatric

OPA sizes 80-110 mm

Endotracheal tubes cuffed, 5.0, 5.5, 6.0, 7.0, 7.5, 8.0

Spare Laryngoscope batteries

Magill Forceps (Adult/Child)

Material/device to secure the endotracheal tube (Adult/Child)

Suction Catheter Kit

Thoracotomy Needle- 14 gauge 3.25"

**ECG:**

AED w/ Spare Battery (Adult/Child capabilities)

Waveform display preferred.

**IV Supplies:**

Antiseptic solution

Intravenous solution administration device

Intravenous solution

Sharps needle disposal container

Tourniquet

**Dressing/Bandages:**

Hemorrhage control supplies

Cold Packs

**Misc.:**

Stethoscope

Pulse-oximeter

Glucometer with testing supplies

Penlight

Intravenous catheters (over the needle)  
14, 16, 18, 20, 22, 24

Saline Lock

Medication administration needles

Medication administration syringes

Vaseline Gauze

Triangular Bandages

Blood Pressure Cuff (Adult/Child)

Obstetrical kit with hat and blanket

Personal Protective Equipment (PPE)