

**COUNTY OF SACRAMENTO
EMERGENCY MEDICAL SERVICES AGENCY**



Program Document: **Advanced Life Support Inventories**
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Signature on File
EMS Medical Director

Signature on File
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® or Air-Q®) 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*
- Albuterol .05% solution
- Amiodarone
- Aspirin, chewable
- Atropine
- Ipratropium Bromide
- Dextrose: D50, D25, and D10
- Diphenhydramine
- Diazepam* (only during SCEMSA recognized shortages or under PD# 8027)
- Epinephrine 1:1,000
- Epinephrine 1:10,000
- Fentanyl*
- Glucagon hydrochloride
- Lidocaine HCL 2%*
- Magnesium Sulfate
- Midazolam*
- Morphine Sulfate* (optional in place of Fentanyl)
- Naloxone
- Buprenorphine (optional for all ALS)*
- Ketamine*
- Nitroglycerine Spray or equivalent
- Nitroglycerine paste with tape applicator*
- Normal Saline
- Oral glucose
- Ondansetron*
- Sodium bicarbonate*

- Ketorolac* (must carry either Tylenol or Ketorolac)
- Tranexamic Acid (TXA)*

- Tylenol* (must carry either Tylenol or Ketorolac)
- Water soluble lubricant

Trauma Supplies

- Backboard with straps*
- Cervical collars (rigid): of appropriate sizes / adjustable
- KED or short board device*
- Traction splint, adult and pediatric*
- Rigid splints, arm, and leg

- Hemorrhage control supplies
- Head immobilizer
- Vaseline Gauze and/or Quik Clot
- Triangular Bandages
- Sterile Dressings (burns)
- Cold/Hot Packs*

Comfort Supplies

- Blanket
- Pillow

Miscellaneous

- Glucometer with testing supplies
- Obstetrical kit with hat and blanket
- Shears
- Personal Protective Equipment (PPE)

- Emesis Containers/Pan*
- Triage tags with ties
- Stethoscope
- Thermometer*
- Penlight
- Blood pressure cuff; adult, pediatric

**Optional for ALS Non-Transporting Units*

- H. 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.
- 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
- Epinephrine: 1:1,000
- Atropine
- Aspirin
- Nitroglycerine spray or equivalent
- Glucagon
- Oral Glucose
- Naloxone
- Diphenhydramine
- Albuterol
- Dextrose 50%
- Dextrose 10% (optional)
- Ipratropium Bromide
- Magnesium Sulfate
- Sodium Chloride Vial

Airway:

- Portable oxygen cylinder with regulator
- Non-rebreather bag mask, adult and pediatric
- Nasal Cannula
- Handheld nebulizer
- ETT nebulizer adapter
- Bag valve mask resuscitator, adult and pediatric
- NPA sizes 24-36 Fr
- OPA sizes 80-110 mm
- Supraglottic Intubation Device (iGel® or Air-Q®) Infant - Adult
- Laryngoscope handle/blades
- Endotracheal tubes cuffed, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0
- Mac 1-4, Miller 0-4
- Spare Laryngoscope batteries
- Spare laryngoscope bulbs
- Magill Forceps (Adult/Child)
- Capnometer (Adult/Child)
- Material/device to secure the endotracheal tube (Adult/Child)
- Portable Suction
- Suction Catheter Kit
- Water soluble lubricant
- Thoracotomy Needle- 14 gauge 3.25"

ECG:

- AED w/ Spare Battery (Adult/Child capabilities) Waveform display preferred.

IV Supplies:

- Antiseptic solution
- Intravenous catheters (over the needle) 14, 16, 18, 20, 22, 24
- Intravenous solution administration device
- Saline Lock
- Intravenous solution
- Medication administration needles
- Sharps needle disposal container

- Medication administration syringes

- Tourniquet

Dressing/Bandages:

- Hemorrhage control supplies
- Vaseline Gauze

- Cold Packs
- Triangular Bandages

Miscellaneous:

- Stethoscope
- Blood Pressure Cuff (Adult/Child)
- Pulse-oximeter
- Obstetrical kit with hat and blanket

- Glucometer with testing supplies
- Personal Protective Equipment (PPE)
- Penlight