



**ADVANCED LIFE SUPPORT (ALS) PROVIDER UNIT
MINIMUM INVENTORY**

I. AUTHORITY: California Health and Safety Code Division 2.5, 1797.200. California Code, Title 22, Div 9, sec 100170.a.2

II. APPLICATION:
This policy describes the standard minimum drug and equipment inventory for an Advanced Life Support (ALS) unit in Orange County.

Title 8 CCR Section 5193, Bloodborne Pathogens, requires sharps injury prevention/needleless products to be utilized when appropriate.

All equipment and supplies must be latex free.

III. DEFINITIONS:

“**Optional**” means equipment, supplies, or pharmaceuticals that are not required in the minimum inventory, but which ALS providers are authorized to include in unit inventories.

“**or**” means either equipment, supply, or pharmaceutical is appropriate and effective. It does not imply that both must be stocked in inventory, rather either or both can be stocked.

IV. CRITERIA:

The number or amount of each item listed is at the discretion of the ALS provider based on a specific unit's needs for its service area. Equipment, supplies, and drug inventory that is not part of the authorized Orange County ALS Scope of Practice is not permitted without formal approval of the California EMS Authority upon request of the Orange County EMS Agency. Inventory for special ALS units (tactical, fire line, search and rescue) are defined in other OCEMS policies.

V. EQUIPMENT:

BAG-VALVE DEVICE WITH OXYGEN INLET AND RESERVOIR: Adult and Pediatric

BANDAGE SCISSORS

BACKBOARD: Adult, X-ray transparent. Minimum of three straps

AUTOMATIC CHEST COMPRESSION DEVICE:
(Refer to Note #1 below) U.S. Food and Drug Administration approved with continuous hands free chest compression, portable, and battery driven.
Compression constriction band design or chest encircling band with plunger design.
Pass through defibrillator capable or design that allows for cardiac defibrillation with device in place.

LARYNGOSCOPE: Blades: Adult - curved/straight #3 and #4 recommended
Pediatric - straight #1 and #2 (for direct laryngoscopy foreign body removal)

MAGILL FORCEPS: Adult and Pediatric; closed tip



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- MONITOR / DEFIBRILLATOR:** Biphasic, adjustable output, defibrillator with oscilloscope (FDA approved)
Defibrillator-pacer pads with functional cables and connectors
ECG pads with functional cables and connectors
Synchronizer: designed to deliver a synchronized defibrillating pulse, timed to avoid the T-wave of the cardiac cycle.
12-lead ECG capability with internal interpretation protocol to identify an acute myocardial infarction and ability for transmission to CVRC.
Transcutaneous pacing module
End-tidal CO₂ monitor with either single or continuous wave-form reading output
Recorder: Must be able to produce a paper print out of high quality.
Batteries/Charge Units as Main Power Source
 - SPHYGMOMANOMETER:** Assorted cuff sizes, including adult and pediatric
 - STETHOSCOPE:** Disposable or non-disposable diaphragm type
 - SUCTION UNIT:** Portable, with disposable canister
 - TOURNIQUET:** Manufactured, hemostatic, FDA and California EMS Authority approved
 - TRACTION SPLINTS:** Lightweight, portable: adult, pediatric (BARRIER PROTECTION ACCEPTABLE)

NOTE #1: Automatic Chest Compression Device:
Deployed as determined by ALS provider to be immediately available to maintain continuation of CPR when patient is physically moved and chest compression by hand will be interrupted [such as loading onto gurney (stretcher) or during transport and off-loading].

OPTIONAL APPROVED EQUIPMENT:

- AUTOMATIC TRANSPORT VENTILATOR:** Pressure or volume cycled with adjustable tidal volume and rate, audible and visible alarms and alerts with digital monitor screen. Battery powered (not pressure cycled from oxygen cylinder). Must be FDA approved.
- BREAKAWAY FLAT:** Vertically stable for full spinal immobilization
- BACKBOARDS:** Pediatric
- EXTRICATION SPLINT:** Horizontal flexible, vertical rigidity; stabilizes head, neck and back
- END-TIDAL CO₂ NASAL/BVM:** End-tidal CO₂ nasal cannula and adapter for BVM.
- RESUSCITATOR:** 40 L/min maximum delivery capability, portable, lightweight, minimum 6' length hose to head, constant flow valve 0-15 L/min demand valve head
- SLIDING (TRANSFER) FLAT:** Required for IFT- ALS units.
- INFUSION PUMP:** Adjustable rate for Intravenous medication delivery at volume (milliliters) per minute or hour; battery operated with digital delivery readout and visual/audible malfunction alarms. Must be FDA approved. Required for IFT- ALS units.

