



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

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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.



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VIDEO LARYNGOSCOPE: Battery powered portable. (internal memory card optional).

VI. SUPPLIES:

Airway adapters: standard 15mm ID X 22mm OD both ends
Airway, nasopharyngeal: 4.5mm - 9.0mm or adult and pediatric sizes
Airway, oral: Adult and pediatric sizes
Alcohol wipes
Arm board: short, with rigid insert, padded (BARRIER PROTECTION ACCEPTABLE)
Arm board: long, with rigid insert, padded (BARRIER PROTECTION ACCEPTABLE)
Atomizer for nasal administration of medications

Bags (for trash)
Basin, emesis (BARRIER PROTECTION ACCEPTABLE)
Blanket, disposable
Burn dressing: Clean sheet or commercial burn covering sheet

Cannulas, nasal oxygen: Adult and pediatric
Catheter, suction: sizes #6, #10, #14
Cold packs, chemical (BARRIER PROTECTION ACCEPTABLE)

Combitubes® or equivalent: Regular and Small Adult
AND/OR
King® Airway or equivalent: Sizes 4, 5 (size 3 optional)
AND/OR
Supraglottic Airway (Laryngeal Mask Airway): Sizes 4, 5 (size 3 optional)

Dressings: Kerlix or equivalent
Gauze 4 in. x 4 in. /2 in. X 2 in.
OP Site® or equivalent, approx. 2" x 3" (for IV sites)

ET tubes: soft cuff, assorted adult sizes with stylets

Flexible intubation guide

Gloves: Assorted sizes, including clean and sterile packaged
Glucometer with non-expired test strips and lancets

Intraosseous (IO) needles with or without introducer device
IV catheters, over needle type: assorted sizes and saline lock chambers (fittings)
IV tubing: Macro drip, with flow rate regulator and two medication injection sites and a "Y" adapter.

Masks, disposable ventilation: sizes Neonate, infant, and child
Mask, oxygen non-rebreather: adult and pediatric

Nebulizer, Acorn type, with mouth piece and mask attachments
Needle-ARS type for chest decompression OR Needle chest decompression kit
Needles for IM injection, assorted sizes
Needle (sharps) disposal unit

OB kit with bulb syringe



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Pediatric length-based resuscitation tape
Personal protective equipment (OSHA compliant masks, gowns, gloves, eye shields)
Pulse oximetry device, may be incorporated within defibrillator

Razors, disposable
Restraints: Soft

Solution, sterile; NS 1000 ml (for irrigation)
Suction, tonsil tip; semi rigid or rigid, large bore (Yankauer suction tip)
Syringes, assorted sizes

Tape (paper, plastic hypoallergenic): assorted sizes and types
Tourniquets, for facilitating IV placement

Petroleum (such as Vaseline®) gauze

Underpads (such as CHUX®)/protective pads)

OPTIONAL APPROVED SUPPLIES:

Band-Aids

CO₂ detector – End tidal CO₂ detector attachable to endotracheal tube (colorimetric)

Dressings: Abdominal gauze
Eye pads
Hemostatic gauze

ET tube holders

Infant Transport Mattress, heated, consistent temperature not to exceed 42 degrees centigrade
IV tubing: Micro drip, 60 drops/mL

One-way 'flutter' valve

Penlight/flashlight

Restraints: Hard restraints padded and quick release per Policy 330.57.

Solution, sterile; NS 1000 mL (for irrigation)

Thermometer; temporal, otic, or oral; electronic with disposable patient contact probes
Tubing, oxygen connecting

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<u>PHARMACEUTICAL</u>	<u>PREPARATION</u>
Adenosine	12 mg/ 4mL vial or prefilled syringe or 6 mg/2 mL vial or prefilled syringe
Albuterol (for nebulizer inhalation)	3.0 mL (2.5 mg) of a 0.083% solution
Amiodarone	50 mg/mL, vial or prefilled syringe
Aspirin, chewable	81 mg tablet individually packaged or 325 mg tablet individually packaged
Atropine	1 mg ampule, vial or prefilled syringe
Dextrose 10%	250 mL IV bag, 10% solution
Diphenhydramine (Benadryl™)	50 mg/mL, 1 mL single dose vial or carpject
Epinephrine 0.1 mg/mL	1 mg/10 mL prefilled syringe
Epinephrine 1.0 mg/mL	1 mg/1 mL ampule, 1 mg/1 mL vial, or 30 mL vial
Glucose, oral solutions	Various formulations
Glucagon	1 mg ampule with diluent
Lidocaine 2% solution	100 mg / 5 mL, 5 mL prefilled syringe
Midazolam	5 mg/1 mL vial or carpject
Morphine sulfate (may carry or replace with optional fentanyl)	10 mg/10 mL, prefilled syringe or 4 mg/ 1 mL, carpject; or 10 mg/1 mL, 1 mL vial
Naloxone (Narcan®)	Various IV/IM formulations ampules, vials, prefilled syringe, or carpjects; or 4mg/0.1 mL preloaded nasal spray
Nitroglycerin	0.4 mg/metered dose spray, 0.4 mg/tabs or 0.4 mg powder (single dose packets)
Normal saline for nebulized inhalation	10 mL prefilled syringe or vial without preservative
Normal saline	1000 mL or 500 mL or 250 mL sterile IV bag
Ondansetron (Zofran®)	4 mg oral dissolving tablet (ODT) or 4 mg/2 mL prefilled syringe or 4 mg/2 mL single dose vial
Sodium bicarbonate	1mEq/mL, 50 mL prefilled syringe (8.4%) or 44.6 mEq/50 mL prefilled syringe (7.5%)



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OPTIONAL APPROVED PHARMACEUTICALS

<u>PHARMACEUTICAL</u>	<u>PREPARATION</u>
Albuterol metered dose inhaler	18 gram canister (200 inhalation doses) (SINGLE PATIENT USE ONLY)
Atropine	0.4 mg/mL, 20 mL vial
Duodote Autoinjector	Prepackaged kit containing Atropine and 2-PAM
Epi Pen Auto Injector	0.3 mg Auto injector
Epi Pen Auto Injector Junior	0.15 mg Auto injector
Fentanyl (may carry in addition to morphine or as primary opioid in place of morphine)	100 mcg/2 mL vial or carpuject
Hydroxocobalamin	5 gm in 200 mL 0.9% normal saline, 25 mg/mL

Approved:

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