

SUBJECT: **ALS UNIT INVENTORY**

PURPOSE: To provide a standardized minimum inventory on all Advanced Life Support (ALS) Units.

PRINCIPLE: Any equipment or supplies carried for use in providing emergency medical care must be maintained in good working order. Providers may only carry one narcotic analgesic on the ALS units. Provider Agency Medical Directors may request approval from the EMS Agency's Medical Director to carry Fentanyl.

POLICY: ALS Units shall carry the following equipment. Reasonable variations may occur; however, any exceptions must have prior approval of the EMS Agency. Transport vehicles shall also be equipped and supplied according to the Department of the California Highway Patrol, California Administrative Code, Title 13.

<b>MEDICATIONS*</b> (minimum required amounts)			
Albuterol (pre-mixed with NS)	<b>20 mgs</b>	Epinephrine (0.1mg/mL)	<b>10 mgs</b>
Adenosine	<b>24 mgs</b>	Fentanyl <sup>2</sup>	<b>500 mcgs</b>
Amiodarone	<b>900 mgs</b>	Glucagon	<b>1 mg</b>
Aspirin (chewable 81 mg)	<b>648 mgs</b>	Midazolam <sup>3</sup>	<b>20 mgs</b>
Atropine sulfate (1 mg/10 ml)	<b>4 mgs</b>	Morphine sulfate <sup>4</sup>	<b>32 mgs</b>
Calcium chloride	<b>1 gm</b>	Naloxone	<b>4 mgs</b>
Dextrose 10% / Water 250 mL	<b>3</b>	Normal saline (for injection)	<b>2 vials</b>
Dextrose solution (glucose paste may be substituted)	<b>100 gms</b>	Nitroglycerin spray or tablets	<b>1</b>
Diphenhydramine	<b>100 mgs</b>	Ondansetron 4mg ODT	<b>16 mgs</b>
Disaster Cache (mandatory for 9-1-1 responders) <sup>5</sup>		Ondansetron 4mg IV	<b>16 mgs</b>
Epinephrine (1mg/mL)	<b>7 mgs</b>	Sodium bicarbonate	<b>50 mls</b>

\* All sharps must comply with CCR, Title 8, Section 5193, Bloodborne Pathogens

<sup>2</sup> Fentanyl carried on ALS Unit is not to exceed 1500 mcgs.

<sup>3</sup> Midazolam carried on ALS Unit is not to exceed 40 mgs.

<sup>4</sup> Morphine sulfate carried on ALS Unit is not to exceed 60 mgs.

<sup>5</sup> Disaster Cache minimum contents include:

(30) DuoDote kits or equivalent

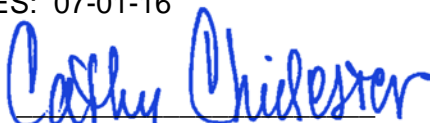
(12) Atropen 1.0 mg

(12) Pediatric Atropen 0.5 mg

EFFECTIVE: 1-1-78  
REVISED: 02-01-17  
SUPERSEDES: 07-01-16

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APPROVED:

  
Director, EMS Agency

  
Medical Director, EMS Agency

<b>INTRAVENOUS FLUIDS</b> (minimum required amounts)			
1000 ml normal saline	<b>8 bags</b>	250 or 500 ml normal saline	<b>2 bags</b>
<b>SUPPLIES*</b> (minimum required amounts)			
Adhesive dressing (bandaids)	<b>1 box</b>	End Tidal CO <sub>2</sub> Detector / Aspirator (Adult)	<b>1</b>
Airways – Nasopharyngeal Large, medium, small (34-36, 26-28, 20-22)	<b>1 each</b>	Extrication device or short board	<b>1</b>
Airways – Oropharyngeal Large	<b>1</b>	Flashlight or Penlight	<b>1</b>
Medium	<b>1</b>	Gauze sponges 4x4 (sterile)	<b>12</b>
Small Adult/Child	<b>1</b>	Gauze bandages	<b>5</b>
Infant	<b>1</b>	Gloves Sterile	<b>2 Pairs</b>
Neonate	<b>1</b>	Gloves Unsterile	<b>1 Box</b>
Alcohol swabs	<b>1 box</b>	Glucometer with strips	<b>1</b>
Backboards	<b>2</b>	Hand-held nebulizer pack	<b>2</b>
Bag-valve device with O <sub>2</sub> inlet and reservoir Adult and Pediatric	<b>1 each</b>	Hemostats, padded	<b>1</b>
Bag-valve mask Large	<b>1</b>	Intravenous catheters (16G-22G)	<b>5 each</b>
Medium	<b>1</b>	Intravenous Tubing	
Small Adult/Child	<b>1</b>	Macro drip	<b>12</b>
Toddler	<b>1</b>	Intraosseous Device <sup>7,8</sup>	
Infant	<b>1</b>	Adult	<b>1</b>
Neonate	<b>1</b>	Pediatric	<b>1</b>
Burn pack or burn sheets	<b>1</b>	<b>9-1-1 paramedic provider agencies only</b>	
Cervical collars (rigid) Adult (adjustable)	<b>4</b>	King LTS-D (Disposable Supraglottic Airway w/ 60mL Syringe)	
Pediatric	<b>2</b>	Small Adult (Size 3)	<b>1</b>
Commercial Catheter-Over-Needle Chest Decompression Needles 3.0-3.5" 14G	<b>2</b>	Adult (Size 4)	<b>1</b>
Color Code Drug Doses LA County Kids Reference No. 1309	<b>1</b>	Large Adult (Size 5)	<b>1</b>
Contaminated needle container	<b>1</b>	Lancets (automatic retractable)	<b>5</b>
Continuous Positive Airway Pressure (CPAP) Device <sup>7,8</sup>	<b>1</b>	Laryngoscope Handle Adult (compatible with pediatric blades)	<b>1</b>
<b>9-1-1 paramedic provider agencies only</b>		Laryngoscope Blades Adult, curved and straight	<b>1 each</b>
Cardiac Monitor-Defibrillator with oscilloscope	<b>1</b>	Pediatric, Miller #1 & #2	<b>1 each</b>
Defibrillator pads or paste (including pediatric)	<b>2 each</b>	Magill Forceps Adult and Pediatric	<b>1 each</b>
ECG Electrodes Adult and Pediatric	<b>6 each</b>	Mucosal Atomization Device (MAD)	<b>2</b>
ECG, 12-lead capable & transmission capable	<b>1</b>	Normal saline for irrigation	<b>1 bottle</b>
<b>9-1-1 paramedic provider agencies only</b>		Needle, filtered-5micron	<b>2</b>
		OB pack and bulb syringe <sup>10</sup>	<b>1</b>
		Oxygen cannulas	<b>3</b>

Endotracheal tubes with stylets Sizes 6.0-8.0	<b>2 each</b>	Oxygen Masks (non-rebreather) Adult and Pediatric	<b>3 each</b>
Length-Based Resuscitation Tape	<b>1</b>	Suction Unit (portable)	<b>1</b>
Personal Protective Equipment/ Body Substance Isolation Equipment mask, gown, eye protection	<b>1 each per provider</b>	Suction Instruments (8Fr.-12Fr. Catheters) Tonsillar tip	<b>1 each</b> <b>1</b>
Procedures Prior to Base Contact Field Reference No. 806.1	<b>1</b>	Syringes 1ml – 60ml	<b>assorted</b>
Pulse Oximeter	<b>1</b>	Tape (various types, must include cloth)	<b>1</b>
Radio transmitter receiver (Hand-Held) <sup>6</sup>	<b>1</b>	Tourniquets	<b>2</b>
Saline locks	<b>4</b>	Tourniquets (commercial, for bleeding control)	<b>2</b>
Scissors	<b>1</b>	Transcutaneous Pacing <sup>7,8</sup>	<b>1</b>
Sphygmomanometer Adult/pediatric/thigh cuff	<b>1 each</b>	Tube Introducer	<b>2</b>
Splints – (long and short)	<b>2 each</b>	Vaseline gauze	<b>2</b>
Splints – traction (adult and pediatric)	<b>1 each</b>	Waveform Capnography <sup>7</sup>	
Stethoscope	<b>1</b>		

**SUPPLIES\***

(approved optional equipment)

Lidocaine 2% <sup>8,9</sup>	Pediatric Laryngoscope Handle FDA-Approved
Dopamine w/Micro tubing	Resuscitator with positive pressure demand valve (flow rate not to exceed 40L/min)
Hemostatic Dressings <sup>8</sup>	Vacutainer Tubes
Intravenous Tubing Blood/Shock	

\* **All sharps must comply with CCR, Title 8, Section 5193, Bloodborne Pathogens.**<sup>6</sup> **Los Angeles County Department of Communications, Spec. No. 2029/2031/2033**<sup>7</sup> **Mandatory for providers that respond to medical emergencies via the 9-1-1 system**<sup>8</sup> **Requires EMS Agency approval, which includes an approved training program and QI method prior to implementation**<sup>9</sup> Utilized with infusions through IO access<sup>10</sup> OB Kits with clamps / scissors (no scalpels)

This policy is intended as an ALS Unit inventory only. Supply and resupply shall be in accordance with Reference No. 701, Supply and Resupply of Designated EMS Provider Units/Vehicles.

## CROSS REFERENCES:

Prehospital Care Policy Manual:Ref. No. 701, **Supply and Resupply of Designated EMS Provider Units/Vehicles**Ref. No. 702, **Controlled Drugs Carried on ALS Units**Ref. No. 710, **Basic Life Support Ambulance Equipment**Ref. No. 712, **Nurse Staffed Critical Care Inventory**Ref. No. 1104, **Disaster Pharmaceutical Caches Carried by First Responders**