

DEPARTMENT OF HEALTH SERVICES
 COUNTY OF LOS ANGELES

SUBJECT: **ALS UNIT INVENTORY**

REFERENCE NO. 703

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.

POLICY:

- I. Providers may only carry one narcotic analgesic on the ALS units. Provider Agency Medical Directors may request approval from the Emergency Medical Services (EMS) Agency's Medical Director to carry Fentanyl.
- II. 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.
- III. All sharps must comply with CCR, Title 8, Section 5193, Bloodborne Pathogens.

MEDICATIONS			
Adenosine	24mgs	Glucagon	1mg
Albuterol (pre-mixed w/ NS)	20mgs	Ketorolac 15mgs/mL OR	4
Amiodarone	900mgs	Ketorolac 30mgs/2mLs	2
Aspirin (chewable 81mg)	648mgs	Lidocaine 2% ⁴	200mgs
Atropine sulfate (1mg/10mL)	3mgs	Midazolam ⁵	20mgs
Calcium chloride	1gm	Morphine sulfate ⁶	20mgs
Dextrose 10% / Water 250mL	3 bags	Naloxone	4mgs
Dextrose - glucose paste/gel	45gms	Normal saline (for injection)	2 vials
Diphenhydramine	100mgs	Nitroglycerin (SL) spray, tablets, or single dose powder packets	1 pump/ bottle/ or 36 packets
Disaster Cache ¹	1	Olanzapine 10mg ODT	40mgs
Epinephrine (1mg/mL)	5mgs	Ondansetron 4mg ODT	16mgs
Epinephrine (0.1mg/mL)	7mgs	Ondansetron 4mg IV	16mgs
Fentanyl ^{2,3}	500mcgs	Sodium bicarbonate	50mLs
		Tranexamic Acid (TXA)	2gms
INTRAVENOUS FLUIDS			
Normal saline 1000 mL	6 bags	Normal saline 50 or 100 mL ¹³	2 bags

EFFECTIVE: 01-01-78

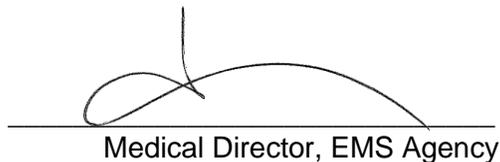
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REVISED: 12-01-23 (or effective upon completion of EMS Update 2023)

SUPERSEDES: 07-01-23

APPROVED:


 Director, EMS Agency


 Medical Director, EMS Agency

SUPPLIES			
Adhesive dressing (Band-Aids®)	1 box	Color Code Drug Doses, Ref. No. 1309	1
Airways – Nasopharyngeal:		Commercial Catheter-Over-Needle Chest Decompression Needles 3.0-3.5" 14G	2
Large (34-36)	1	Contaminated needle container	1
Medium (26-28)	1	Continuous Positive Airway Pressure (CPAP) device: ³	
Small (20-22)	1		
Airways – Oropharyngeal:		Small	1
Large	1	Medium	1
Medium	1	Large	1
Small Adult/Child	1	Endotracheal tubes w/ stylets Sizes 6.0-8.0	2 each
Infant	1	Tube introducer	2
Neonate	1	End Tidal CO2 Detector (Adult)	1
Alcohol prep pads	1 box	Extraction device or short board	1
Backboards	2	Filter, viral HEPA	2
Bag-Mask-Ventilation (BMV) device w/ O2 inlet & reservoir:		Flashlight or penlight	1
Bag Volume >900 mL ⁷	1	Gauze bandages	6
Bag Volume 400-700 mL ⁷	1	Gauze sponges 4x4 (sterile)	12
Bag Volume 200-450 mL ⁷	1	Gloves, sterile	2 pair
Bag-Mask-Ventilation (BMV) Masks:		Gloves, unsterile	1 box
Large	1	Glucometer w/ strips	1
Medium	1	Lancets (automatic retractable)	5
Small Adult/Child	1	Hand-held nebulizer pack	2
Toddler	1	Hemostats, padded	1
Infant	1	Intraosseous device: ³	
Neonate	1		
Burn pack or burn sheet	1	Adult	1
Cervical collars (rigid):		Pediatric	1
Adult (adjustable)	4	Intravenous catheters: Sizes 16G - 22G	5 each
Pediatric	2	Intravenous tubing - Macro drip	12
Cardiac Monitor-Defibrillator w/ oscilloscope	1	i-gel (Disposable Supraglottic Airway):	
Defibrillator pads or paste (including pediatric)	2 each	Neonate (size 1)	1
ECG electrodes:		Infant (size 1.5)	1
Adult	6	Small pediatric (size 2)	1
Pediatric	6	Large pediatric (size 2.5)	1
Pulse oximeter	1	Small adult (size 3)	1
Noninvasive blood pressure monitor	1	Medium adult (size 4)	1
Transcutaneous pacing	1	Large adult+ (size 5)	1
Waveform capnography	1	Laryngoscope blades:	
ECG, 12-lead & transmission capable	1	Adult: curved & straight	1 each
		Pediatric: Miller #1 & #2	1 each

SUPPLIES (continued)			
Laryngoscope handle:		Saline locks	4
Adult (compatible w/ pediatric blades)	1	Scissors	1
Magill forceps:		Sphygmomanometer:	
Adult	1	Thigh	1
Pediatric	1	Adult	1
Manometer	2	Pediatric	1
Mucosal Atomization Device (MAD)	3	Infant	1
Needle, filtered-5micron ⁸	2		
Normal saline for irrigation	1 bottle	Splints:	
OB pack & bulb syringe ⁹	1	Long	2
Oxygen cannulas:		Short	2
Adult	3	Splints – traction:	
Pediatric	3	Adult	1
Oxygen masks – (non-rebreather):		Pediatric	1
Adult	4	Stethoscope	1
Pediatric	2	Suction unit (portable) w/adaptor	1
Infant	2	Suction catheters:	
		Size 8Fr.	1
		Size 10Fr.	2
		Size 12Fr.	4
		Tonsillar tip	1
Standardized Pediatric Length-Based Resuscitation Tape, approved by the EMS Agency (e.g., Broselow 2011A or newer)	1	Syringes sizes: 1mL – 60mL w/ luer adapter	assorted
Personal Protective Equipment:		Tape (various types, must include cloth)	1
Mask	1 per provider	Thermometer (Oral or axillary)	1
Gown	1 per provider	Tourniquets (IV)	2
Eye protection	1 per provider	Tourniquets (commercial for bleeding control)	2
Radio transmitter receiver (Hand-Held) ¹⁰	1	Vaseline gauze	2

APPROVED OPTIONAL EQUIPMENT	
Hemostatic dressings–EMS Authority approved dressings only	Pediatric laryngoscope handle - FDA Approved
Intravenous tubing, blood	Resuscitator w/ positive pressure demand valve (flow rate not to exceed 40L/min)
Mechanical CPR device ³	Albuterol / Metered Dose Inhaler (MDI) ¹²
Metered-Dose-Inhaler (MDI) Spacer ¹²	Metered-Dose-Inhaler (MDI) Mask ¹²
Normal saline 250 or 500 mL	Airflow Meter Device with rate and volume capability ¹¹
Oxygen masks - simple	

¹ Disaster Cache minimum contents include: (9) DuoDote kits or equivalent;

And when available: (6) AtroPen Auto Injector 1.0mg
(6) AtroPen Auto Injector 0.5mg – Pediatric Use

² Fentanyl carried on ALS Unit is not to exceed 1500mcgs.

³ Requires EMS Agency approval, which includes an approved training program & QI method prior to implementation.

⁴ Utilized w/ infusions through IO access.

⁵ Midazolam carried on ALS Unit is not to exceed 40mgs.

⁶ Morphine sulfate carried on ALS Unit is not to exceed 60mgs.

⁷ Device volume, not delivered volume.

⁸ Optional, if not utilizing glass ampules.

⁹ OB kits w/ clamps / scissors (no scalpels).

¹⁰ Los Angeles County Department of Communications, Spec. No. 2029/2031/2033.

¹¹ An airflow meter device or monitor/defibrillator with rate and volume feedback capability may be substituted for or in addition to a manometer.

¹² All required if using Albuterol / Metered Dose Inhaler.

¹³ Tranexamic Acid (TXA) premix 1gm in 50-100mL x 2 replaces the NS 50-100mL bag requirement

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

CROSS REFERENCES:

Prehospital Care 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 Specialty Care Transport Unit Inventory
Ref. No. 1104	Disaster Pharmaceutical Caches Carried by First Responders