

COUNTY OF LOS ANGELES
DEPARTMENT OF HEALTH SERVICES

SUBJECT: **PRIVATE AMBULANCE VEHICLE ESSENTIAL MEDICAL AND PERSONAL PROTECTIVE EQUIPMENT** REFERENCE NO. 451.1a

PURPOSE: To establish the minimum essential medical and personal protective equipment that must be maintained on an in-service ambulance vehicle in order for the vehicle to remain in-service for the provision of patient care.

AUTHORITY: Los Angeles County Code, Title 7, Chapter 7.16

PRINCIPLES:

1. The essential medical equipment identified herein is the minimal amount of medical equipment, medical supplies and personal protective equipment (PPE) that an ambulance vehicle must have in order to remain in-service and continue to provide patient care. This policy does not supersede Reference No. 710, Basic Life Support Ambulance Equipment, which establishes the minimum equipment required for a basic life support (BLS) ambulance to be approved for licensing.
2. Failure to maintain the following quantity of essential medical equipment, medical supplies, and personal protective equipment on an ambulance vehicle that is in service shall result in a notice of violation and an administrative fine may be issued to the ambulance operator.
3. If an ambulance operator can demonstrate that an ambulance vehicle which does not meet these requirements is enroute to restock equipment and/or supplies the notice of violation and administrative fine will not be issued.
4. Expired medications, contaminated and/or compromised medications or medical supplies and/or equipment is considered not stocked for the purposes of this policy.


BASIC LIFE SUPPORT (BLS) UNIT

MEDICAL EQUIPMENT & SUPPLIES	QUANTITY
Ankle and wrist restraints <ul style="list-style-type: none">• If soft ties are used, they should be at least three (3) inches wide (before tying) to maintain a two (2) inch width while in use	1 set
Bag-valve device with O ₂ inlet and reservoir: <ul style="list-style-type: none">• Bag Volume 650-1000 mL• Bag Volume 400-700 mL	1 each
Bag-valve mask: <ul style="list-style-type: none">• Large• Medium• Small adult/child• Toddler• Infant• Neonate	1 each

EFFECTIVE: 08-01-12
REVISED: 01-01-22
SUPERSEDES: 10-01-19

Page 1 of 7

APPROVED: 
Director, EMS Agency


Medical Director, EMS Agency

**SUBJECT: PRIVATE AMBULANCE VEHICLE ESSENTIAL
MEDICAL AND PERSONAL
PROTECTIVE EQUIPMENT**

REFERENCE NO. 451.1a

MEDICAL EQUIPMENT & SUPPLIES	QUANTITY
Blood pressure manometer, cuff and stethoscope: <ul style="list-style-type: none"> • Thigh • Adult • Child • Infant 	1 each
*Cervical collars, rigid: <ul style="list-style-type: none"> • Adult • Pediatric • Infant *(1 adjustable pediatric meets infant requirement) 	1 each
Immobilizer, Head: <ul style="list-style-type: none"> • Disposable or Reusable 	1
Linen Supplies	1 set
Oropharyngeal airways: <ul style="list-style-type: none"> • adult • children • infant • newborn 	1 each
Oxygen cannulas: <ul style="list-style-type: none"> • Adult • Child 	1 each
Oxygen masks, transparent: <ul style="list-style-type: none"> • Adult • Child • Infant 	1 each
Oxygen, portable <ul style="list-style-type: none"> • "D" or "E" cylinder with a minimum of 1000 psi 	1
Oxygen, vehicle (house) <ul style="list-style-type: none"> • "M" or "H" cylinder with a minimum of 500 psi 	1
Body Substance Isolation Equipment: <ul style="list-style-type: none"> • Mask • Gown • Eye protection 	2 each
Spine boards, rigid, approximately 14 inches in width: <ul style="list-style-type: none"> • One approximately 72 inches in length with straps for immobilization of suspected spinal or back injuries 	1
Stretchers: <ul style="list-style-type: none"> • Stretcher with wheels and the following: <ul style="list-style-type: none"> ○ mattress covered with impervious plastic material or the equivalent ○ have capability to elevate both the head and foot ○ straps to secure the patient to the stretcher, including shoulders, waist and legs ○ a means of securing the stretcher in the vehicle ○ be adjustable to at least four different levels 	1
Suction equipment, portable device	1
Suction equipment, vehicle (house), capable of at least: <ul style="list-style-type: none"> • a negative pressure equivalent to 300 mm of mercury • 30 liter per minute air flow rate for 30 minutes of operation 	1

**SUBJECT: PRIVATE AMBULANCE VEHICLE ESSENTIAL
MEDICAL AND PERSONAL
PROTECTIVE EQUIPMENT**

REFERENCE NO. 451.1a

MEDICAL EQUIPMENT & SUPPLIES	QUANTITY
Suction tubing: <ul style="list-style-type: none"> • Non-collapsible, plastic, semi-rigid, whistle tipped, finger controlled type is preferred • Flexible catheters for tracheostomy suctioning (8Fr., 10Fr., and 12Fr.) 	1 each
Thermometer (Oral or axillary)	1
Tourniquets (commercial, for control of bleeding)	2
PERSONAL PROTECTION EQUIPMENT (PPE)	QUANTITY
Gloves, work (multiple use, leather)	2 pairs
Hearing Protection (includes foam ear plugs)	2 sets
Jacket, EMS, with reflective stripes*	2
Rescue Helmet	2
Respiratory protection mask (N95) and general purpose mask	2 each
Safety vest meeting ANSI standards or equivalent*	2

*Jackets meeting ANSI standards may be used in lieu of the Safety vest

ADVANCED LIFE SUPPORT (ALS) UNIT

An ALS unit must maintain all of the medical equipment and medical supplies listed for a BLS unit, plus the following additional items:

MEDICATIONS	QUANTITY
Albuterol (pre-mixed with NS)	10 mgs
Adenosine	18 mgs
Amiodarone	450 mgs
Aspirin (chewable 81 mg)	162 mgs
Atropine sulfate (1mg/10mL)	2 mgs
Calcium chloride	1 gm
Dextrose 10%/Water 250mL	1
Dextrose solution 45 gm (glucose paste may be substituted)	1
Diphenhydramine	50 mgs
Epinephrine (1:1,000) (1mg/mL)	4 mgs
Epinephrine (1:10,000) (0.1mg/mL)	5 mgs
Fentanyl*	400 mcgs
*Either Fentanyl or Morphine must be carried, may not stock both	
Glucagon	1 mg
Midazolam	10 mgs
Morphine sulfate **Either Fentanyl or Morphine must be carried, may not stock both	20 mgs
Naloxone	2 mgs
Normal saline (for injection)	2 vials
Nitroglycerin spray, tablets, or single dose powder packets	1 bottle/pump or 36 packets
Ondansetron 4mg ODT	8 mgs
Ondansetron 4mg IV	8 mgs
Sodium bicarbonate	50 mls

INTRAVENOUS FLUIDS	QUANTITY
1000 mL normal saline	2 bags
250 or 500 mL normal saline	2 bags
SUPPLIES	QUANTITY
Airways – Nasopharyngeal <ul style="list-style-type: none"> • Large (34-36) • Medium (26-28) • Small (20-22) 	1 each
Airways – Oropharyngeal <ul style="list-style-type: none"> • Large • Medium • Small Adult/Child • Infant • Neonate 	1 each
Burn pack or burn sheets	1
Color Code Drug Doses Reference No. 1309	1
Commercial Catheter-Over-Needle Chest Decompression Needle 3.0-3.5" 14G	1
Contaminated needle container	1
Defibrillator with oscilloscope	1
Defibrillator electrodes (including pediatric) or paste	2
ECG electrodes (adult and pediatric)	3 each
Endotracheal tubes with stylettes <ul style="list-style-type: none"> • Sizes 6.0-8.0 	1 each
End Tidal CO ₂ detector and aspirator (adult)	1 each
Gloves (sterile)	1 pair
Gloves (unsterile)	1 box
Glucometer with strips	1
Hand-held nebulizer pack	1
Hemostats, padded	1
Intravenous catheters (14G-22G)	1 each
Intravenous tubing <ul style="list-style-type: none"> • Microdrip • Macrodrip 	2 each
King LTS-D (Disposable Supraglottic Airway device) <ul style="list-style-type: none"> • Small adult (size 3) • Adult (size 4) • Large Adult (size 5) 	1 each
Lancets, automatic retractable	2
Laryngoscope Handle (adult)	1
Laryngoscope blades <ul style="list-style-type: none"> • Adult (curved and straight) • Pediatric (Miller #1 and #2) 	1 each
Magill Forceps (adult and pediatric)	1 each
Mucosal Atomization Device (MAD)	1
Normal saline for irrigation	1 bottle
Pediatric Length-Based Resuscitation Tape (Broselow 2011A or newer)	1
Pulse Oximeter	1

**SUBJECT: PRIVATE AMBULANCE VEHICLE ESSENTIAL
MEDICAL AND PERSONAL
PROTECTIVE EQUIPMENT**

REFERENCE NO. 451.1a

Saline locks	2
Syringes (1 mL – 60 mL)	Assorted
Tube introducer	1
Vaseline gauze	2

NURSE STAFFED CRITICAL CARE TRANSPORT (CCT) UNIT

A nurse staffed CCT unit must maintain all of the medical equipment and medical supplies listed for a BLS unit, plus the following additional items:

MEDICATIONS	QUANTITY
Albuterol (pre-mixed with NS)	10 mgs
Adenosine	12 mgs
Amiodarone	450 mgs
Aspirin (chewable 80 mg)	162 mgs
Atropine sulfate (1mg/10mL)	2 mgs
Calcium chloride	1 gm
Dextrose 10%/Water 250mL	1 bag
Dextrose solution 45 gm (glucose paste may be substituted)	1
Diphenhydramine	50 mgs
Epinephrine (1:1,000) (1mg/mL)	1 mgs
Epinephrine (1:10,000) (0.1mg/mL)	5 mgs
Fentanyl	200 mcgs
Levophed 4mgs	1 Vial
Midazolam	10 mgs
Morphine	8 mgs
Naloxone	2 mgs
Nitroglycerin spray, tablets or single dose powder packets	1 bottle/pump or 36 packets
INTRAVENOUS FLUIDS	QUANTITY
1000 mL normal saline	1
250 mL normal saline	1
SUPPLIES	QUANTITY
Airways – Nasopharyngeal <ul style="list-style-type: none"> • Large (34-36) • Medium (26-28) • Small (20-22) 	1 each
Back-up power source/adjunct power source (inverter, batteries, etc.). Second source required if transporting IABP patients.	1
Cardiac monitor/defibrillator oscilloscope including end tidal CO ₂ detector, external pacemaker, pulse oximeter and optional 12 lead EKG capabilities	1
Cellular phone	1
Color Code Drug Doses Reference No. 1309	1
Glucometer, strips and lancets, automatic retractable	1
Hand-held nebulizer pack	1
Hemostats, padded	1
3 Infusion pump(s) or 1 w/ 3 chamber drip capability	1/3
Intravenous Tubing <ul style="list-style-type: none"> • Microdrip • Macro drip 	2 each

**SUBJECT: PRIVATE AMBULANCE VEHICLE ESSENTIAL
MEDICAL AND PERSONAL
PROTECTIVE EQUIPMENT**

REFERENCE NO. 451.1a

MEDICATIONS	QUANTITY
Normal Saline for irrigation	1 bottle
Pediatric Length-Based Resuscitation Tape (Broselow 2011A or newer)	1
Pulse Oximeter	1
Saline Locks	2
Suction, battery operated portable	1

RESPIRATORY CARE PRACTITIONER (RCP) STAFFED CCT UNIT

An RCP staffed CCT unit must maintain all the medical equipment and medical supplies listed for a BLS unit, plus the following additional items:

MEDICATIONS	QUANTITY
Albuterol (pre-mixed with NS)	10 mgs
Atrovent	20 mgs
SUPPLIES	QUANTITY
Airways – Nasopharyngeal <ul style="list-style-type: none"> • Large (34-36) • Medium (26-28) • Small (20-22) 	1 each
Airway Guard (bite blocker)	1
Cellular Phone	1
Color Code Drug Doses Reference No. 1309	1
Continuous Positive Airway Pressure (CPAP) device or ventilator capable of providing non-invasive CPAP	1
Coupler/Quick Connect (oxygen connection)	1
End tidal CO ₂ Detector (portable) adult/pediatric	1 each
ETCO ₂ Filterline	2
Gloves (sterile)	1 pair
Heat/Moisture Exchange Ventilator Filters <ul style="list-style-type: none"> • Adult • Peds • 2 universals may be carried in lieu of one adult and one pediatric 	1 each
King LTS-D (Disposable Supraglottic Airway device) <ul style="list-style-type: none"> • Neonate (size 0) • Pediatric (size 1) • Pediatric (size 2) • Small adult (size 3) • Adult (size 4) • Large Adult (size 5) 	1 each
Laryngoscope Handle <ul style="list-style-type: none"> • Adult • Pediatric (or adult compatible with pediatric blades) 	1 each
Laryngoscope Blades <ul style="list-style-type: none"> • Adult Curved • Adult Straight • Pediatric Miller 0 • Pediatric Miller 1 	1 each

**SUBJECT: PRIVATE AMBULANCE VEHICLE ESSENTIAL
MEDICAL AND PERSONAL
PROTECTIVE EQUIPMENT**

REFERENCE NO. 451.1a

<ul style="list-style-type: none"> • Pediatric Miller 2 	
Magill Forceps <ul style="list-style-type: none"> • Adult • Pediatric 	1 each
Pediatric Length-Based Resuscitation Tape (Broselow 2011A or newer)	1
PEEP Valve <ul style="list-style-type: none"> • Adult • Pediatric 	1 each
SUPPLIES	QUANTITY
Pulse Oximeter <ul style="list-style-type: none"> • Adult Probe • Pediatric Probe 	1 each
Suction – portable, battery operated	1
Ventilator Filters	2
Ventilator Circuits (disposable) <ul style="list-style-type: none"> • Adult • Pediatric 	1 each
Ventilator (non-pneumatic or pneumatic) If utilizing ventilator to fulfill non-invasive CPAP requirement, must have 1 set of the necessary equipment (mask, circuit) to provide non-invasive CPAP	1