

CONTRA COSTA HEALTH SERVICES
EMERGENCY MEDICAL SERVICES

December 1, 2007

AMBULANCE EQUIPMENT AND SUPPLY REQUIREMENTS

1. Vehicles
 - a. Ambulance vehicles shall meet standards specified in Title 13, California Code of Regulations, and each shall possess a valid emergency vehicle permit issued by the California Highway Patrol.
 - b. Vehicles shall be maintained, clean and in sound mechanical and body condition at all times.
 - c. All ambulances shall have adequate space in the patient care compartment to accommodate at least one stretcher patient and two providers. There shall be sufficient space to allow for patient care activities during transport.
 - d. Vehicles shall be equipped with appropriate mobile and/or portable radios for communications with:
 - 1) provider agency dispatch center
 - 2) Contra Costa County Sheriff's dispatch center
 - 3) Base hospitals on the County-designated radio system
2. General Emergency Care Equipment and Supplies

Ambulances shall meet the State requirements for emergency care equipment and supplies. All equipment and supplies carried for use in providing emergency medical care shall be maintained in clean condition and good working order and shall include, but not be limited to:

ITEMS	Minimum Inservice Requirement
Oropharyngeal airways: 00, 0, 1, 2, 3, 4, 5, 6	1 each
Nasopharyngeal airways: 28, 30, 32, 34	1 each
Oxygen mask – adult/pediatric (non-rebreather)	2 each
Oxygen mask – infant/pediatric	2 each
Nasal cannula – pediatric/adult	2/adult – 2/ped
O ₂ tank – fixed in vehicle with regulator (M-tank or equivalent)	1
Portable O ₂ tank with regulator (sufficient to provide patient with not less than 10 lpm for 20 minutes)	1
Resuscitation Bag-Valve, with clear mask, capable of use with O ₂ : Infant, Pediatric, Adult	1 each
Portable Suction – mechanical/hand powered	1
Pharyngeal tonsil tip (rigid) for suctioning	2
Suction catheters: 8FR, 10FR, 18FR	1 each

Band-Aids	12
4" Sterile bandage compresses or equivalent	12
3x3" or 4x4" sterile gauze pads	4
2" or 3" rolled bandages	6
40" triangular bandages	4
10x30" or larger universal dressing	2
1", 2" or 3" adhesive tape	2 rolls
Bandage shears	1
Vaseline gauze	2
Arm splints – with soft or cushioned surface or equivalent padded board, wrap around, wire ladder, inflatable or cardboard	2
Leg splints – with soft or cushioned surface or equivalent padded board, wrap around, wire ladder, inflatable or cardboard	2
Traction splints – with lower extremity limb support slings, padded ankle hitch traction strap and heel rest or equivalent (reel, sager or equivalent): Adult/Pediatric	1 each
Spineboard – long with 4 straps (or equivalent)	1
Spineboard – short with 2 straps or equivalent (Kendrick Extrication Device)	1
Head immobilizer – disposable or impervious to bodily fluids	2
Cervical collars – Hard: sizes to fit all patients over one (1) year of age	2 each
<i>Optional: adjustable cervical collar (hard only): sizes to fit all patients over one (1) year of age</i>	2
Scoop stretcher with straps (or equivalent)	1
Blood pressure cuffs with manometers (portable): Adult, Large arm (obese), Pediatric, Infant	1 each
Stethoscope: Adult/Pediatric (or combination)	1
Burn sheets (sterile) – may be disposable or linen (with date of sterilization and expiration indicated)	1 set
Irrigation tubing	1
Saline for irrigation, sterile:	2000cc
Cold packs	2
Obstetrical Kit (sterile, to include minimum of umbilical cord tape or clamps (2), 1 scissors or scalpel, 1 aspirating bulb syringe, 1 pair gloves, 2 drapes, dressings & towels, clean plastic bag	1
Newborn Stocking Cap	1
Emergency thermal blanket (reflective foil) or equivalent	2
Ambulance gurney – capability for elevating the head and be adjustable, straps for securing patient to gurney, wheels, non-permeable covering material, means of securing gurney in vehicle.	1
Triage tags	20

Current map of entire county (within 2 years) or ambulance zone maps	1
Current Contra Costa EMS Field Treatment Guidelines and policies	1
Ankle and wrist restraints (4 per set)	1 set
Battery operated flashlight	1
Emesis basin or disposable emesis bags and covered waste container	1
Linen – towels, sheets, pillow cases, blankets, pillows	2 each
Glucose Paste	1 tube

ALS Ambulance Emergency Care Equipment and Supplies: In addition to the BLS ambulance supply/equipment requirements, advanced life support units shall include, but not be limited to, the following:

ITEMS	Minimum Inservice Requirement
Cellular telephone	1
Monitor/defibrillator (portable) – must have strip chart recorder, 12-lead and synchronized cardioversion capabilities	1
Extra charged batteries for monitor/defibrillator	1
Defibrillator paddles/patches: Adult, Pediatric	1 set each
12-lead patches	2 sets
Laryngoscope handle	1
Laryngoscope blades: #0, 1, 2, 3, 4 Miller	1 each
Laryngoscope blades: #2, 3, 4 Macintosh	1each
Endotracheal tubes: 6.0, 7.0, 8.0, 9.0 cuffed	2 each
Endotracheal tubes: 2.5, 3.0, 3.5, 4.0 uncuffed	4 each
Endotracheal tubes: 4.5, 5.0, 5.5, 6.0 uncuffed	2 each
Endotracheal tube introducer (Bougie)	1
Water soluble lubricant – individual packets	3
Magill forceps: Adult, Pediatric	1 each
Batteries (extra) for laryngoscope	1 set
Bulbs (extra) for laryngoscope	1
ETT securing device: Adult, Pediatric	2 each
Stylet: Adult, Pediatric	1 each
Pen light	1
End-Tidal CO ₂ (ETCO ₂) detector	2
ETT placement assessment device (bulb)	1
ETT Nebulizer Adapter	2
Meconium aspirator	1
King Airway Kit Tube – size 3, 4 and 5 Syringe Lubricant	1
Hand-held nebulizer for inhalation	2
Nebulizer mask – adult and pediatric	2 each

Pleural Decompression/Needle Thoracostomy kit: (or equivalent) <ul style="list-style-type: none"> ✓ Angiocatheter – 12 - 14ga ✓ Syringe – 30cc ✓ One-way valve ✓ Rubber connecting tube ✓ Betadine swabs (4) ✓ Alcohol swabs (4) ✓ Vaseline gauze (2) ✓ Sterile gauze pads (2) ✓ Tape 	2 sets
Needle cricothyrotomy kit (or equivalent): <ul style="list-style-type: none"> ✓ Angiocatheter – 10-13 ga ✓ Syringe – 30cc ✓ Betadine swabs (4) ✓ Alcohol swabs (4) ✓ Vaseline gauze (2) ✓ Sterile gauze pads (2) ✓ Tape ✓ Oxygen tubing ✓ “Y” connector ✓ IV extension tubing 	1 set
Continous Positive Airway Pressure (CPAP) device	1
Intraosseous needle – adult and pediatric	2 each
Pressure bag for adult IO	1
Syringes: 1cc, 30cc	2
Syringes: 3cc, 5cc, 10/12cc	2 each
Needles: 18ga 1”, 20ga 1”, 22ga 1”, 25ga” (or equivalent)	2 each
Medication-added labels	2
IV catheters: 16ga, 18ga, 20ga, 22ga	4 each
Alcohol swabs	5
Tourniquet	2
Razor	1
Armboard: child, adult	1 each
Normal Saline solution – 500cc or 1000cc bag for adult patients	4 liters
Normal Saline solution – 250ml or 500ml for pediatric patients	2
Saline lock with extension tubing	2
IV tubing: mini drip (60gtt), macro drip (10/15gtt)	4 each
IV extension tubing	4
Glucometer (with lancets and test strips)	1

Secured drug box	1
Broselow tape (or equivalent)	1
Adenosine (6mg)	5
Albuterol (2.5mg/3ml unit dose ampule)	4
Amiodarone (150mg/3ml ampule)	6
Atropine (1mg preload)	4
Aspirin (81mg tablets)	1 bottle
Diphenhydramine (Benadryl) (50mg/1cc)	2
Calcium Chloride (1 gm)	1
Dextrose 25%	1
Dextrose 50% (25gm/50cc)	2
Dopamine (400mg/250cc premixed bag) (or equivalent)	1
Epinephrine 1:10,000 (1mg/10cc)	4
Epinephrine 1:1,000 (1mg/1cc)	2
Glucagon (1mg/1cc)	1
Furosemide (Lasix)	80 mg
Lidocaine 2%	100 mg
Midazolam (Versed) (5mg/ml ampule/vial)	10 mg
Morphine Sulfate (10mg/1cc ampule/vial)	20 mg
Naloxone (Narcan)	4 mg
Nitroglycerin (0.4 mg/tab or multidose spray)	1 bottle
Sodium Bicarbonate (50mEq/50cc)	1