

**CONTRA COSTA HEALTH SERVICES  
EMERGENCY MEDICAL SERVICES**

**First Responder Equipment List**

**I. PURPOSE**

The purpose of this policy is to establish minimum emergency medical equipment requirements for First Responder vehicles operating in Contra Costa County.

**II. EQUIPMENT**

All in-service First Responder vehicles operating in Contra Costa County shall have no less than the following equipment:

<b>BLS First Responder ITEMS</b>	<b>Minimum In-service Requirement</b>
Oropharyngeal airways: 00, 0, 1, 2, 3, 4, 5, 6 (40mm, 50mm, 60mm, 70mm, 80mm, 90mm, 100mm, 110mm)	1 each
Nasopharyngeal airways: 18, 20, 22, 24, 26, 28, 30, 32, 34	1 each
Oxygen mask – adult/pediatric/infant (non-rebreather)	2 each
Nasal cannula – adult/pediatric	2 each
Portable O <sub>2</sub> tank with regulator – (sufficient to provide patient with not less than 10 lpm for 20 minutes)	1
Self-inflating resuscitation Bag-Valve device, with clear mask capable of use with O <sub>2</sub> : Infant, Pediatric, Adult	1 each
Portable Suction with regulator <b>or</b> Portable suction with adult/pediatric (e.g. high/low) settings– mechanical/hand powered	1
Pharyngeal tonsil tip (rigid) for suctioning	2
Wide bore tubing for portable suction	1
Suction catheters: 6F, 8FR, 10FR, 18FR	1 each
Band-Aids	10
4x4” non-sterile bandage compresses or equivalent	50
4x4” sterile gauze pads	12
3” rolled bandages (Kling, Kerlix, etc)	4
40” triangular bandages	2
10x30” or larger universal dressing	2
1” or 2” adhesive tape	2 rolls
Bandage shears	1
Chest seal (e.g., Asherman, Halo, Sam)	2
Arm splints – with soft or cushioned surface (able to accommodate adult/pediatric/infants)	2

Leg splints – with soft or cushioned (able to accommodate adult/pediatric/infants)	2
Traction splints – Adult, Pediatric - ( <i>required on designated apparatus</i> )	1 each
Xray translucent padded spineboard with 4 straps	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
Blood pressure cuffs with sphygmomanometers (portable): Adult, Large arm, Pediatric, Infant	1 each
Stethoscope: Adult/Pediatric combination	1
Burn sheets (sterile)	1 set
Sterile saline for wound irrigation	2000cc
Cold packs	6
Thermometer, electronic	1
Combat Tourniquet – approved by COTCCC <sup>1</sup> (C-A-T® or Sof-T)	1
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)	2
Triage tags	20
Current Contra Costa EMS Field Manual and policies	1
Battery operated flashlight	1
Glucose paste	1 tube
Automated External Defibrillator (AED) (secondary or “back line” fire units only)	1
AED pads – Adult/Pediatric	1 set each
Chest Compression Metronome – Must provide auditory and visual indicator at rate of 100-120. Cardiac monitors and AEDs equipped with metronome are acceptable.	1

<sup>1</sup>Committee on Tactical Combat Casualty Care

First Responder Paramedic Equipment and Supplies: In addition to the BLS supply/equipment requirements, advanced life support units shall include, but not be limited to, the following:

<b>ALS First Responder ITEMS</b>	<b>Minimum In-service Requirement</b>
Cellular telephone	1
Monitor/defibrillator (portable) – must have strip chart recorder, 12-lead, synchronized cardioversion, ETCO <sub>2</sub> monitoring, pulse oximetry monitoring, pacing capability and be compatible with the Lifenet Data Management System. Defibrillator capable of discharging below 25 joules for pediatric use.	1
Pulse oximeter adult & pediatric probes	1 set each
Non-invasive End-Tidal CO <sub>2</sub> cannula	2
Non-invasive End-Tidal CO <sub>2</sub> adapter – ETT	1
Extra charged batteries for monitor/defibrillator	1
Defibrillator pads: 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	1 each
Endotracheal tubes: 6.0, 7.0, 8.0, 9.0 cuffed	2 each
Endotracheal tube introducer (e.g. 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	1 each
Stylet: Adult	1 each
Pen light	1
End Tidal CO <sub>2</sub> Monitoring Equipment (nasal cannula and inline airway)	1 set each
King Airway Kit Tube – size 3, 4 and 5 Syringe Lubricant	1
Continuous Positive Airway Pressure (CPAP) device	1
Hand-held nebulizer for inhalation	2
ETT Nebulizer Adapter	1

Nebulizer mask – adult and pediatric	1 each
Pleural Decompression/Needle Thoracostomy kit	2 sets
IO insertion device e.g. EZIO	1
Intraosseous needle – 15mm (pink); 25mm (blue); 45mm (yellow)	1 each
IO-Stabilizer	1
Pressure bag for adult IO	1
Syringes: 1cc, 3cc, 5cc, 10cc, 60cc	2 each
Needles: 18ga, 20ga, 22ga, 24 ga or 25ga	2 each
Medication-added labels	2
IV catheters: 16ga, 18ga, 20ga, 22ga, 24ga	4 each
Alcohol swabs	5
Elastic tourniquet band	2
Chlorhexidine wipes (may be included in IV start paks)	10
Razor	1
Armboard(s) adaptable for infant, child, adult	1 each
Normal Saline solution – 500ml or 1000ml bags for adult patients	2 liters
Normal Saline solution – 100ml or 250ml bags for pediatric patients	2 each
Universal vial adapter/dispensing pin	2
Saline lock with extension tubing	2
IV tubing: mini drip (60gtt), macro drip (10/15gtt) or equivalent (4)	2 ea – mini/macro 4 equiv
IV extension tubing	2
Pedi-Tape®	1
Glucometer (with lancets and test strips)	1
Mucosal Atomizer Device	2
Adenosine	18mg
Albuterol (2.5mg/3ml unit dose ampule)	4
Amiodarone (150mg/3ml ampule)	3
Atropine (1mg preload)	2
Aspirin (81mg tablets)	1 bottle
Diphenhydramine (Benadryl) (50mg/1cc)	1

Calcium Chloride (1 gm)	1
Dextrose 10 W (250 ml/bags)	2
Epinephrine 1:10,000 (1mg/10cc)	4
Epinephrine 1:1,000 (1mg/1cc)	2
Fentanyl (50mcg/ml)	200 mcg
Glucagon (1mg/1cc)	optional
Lidocaine 2% for IO pain control	100 mg
Midazolam (Versed) (5mg/ml ampule/vial)	10 mg
Naloxone (Narcan)	4 mg
Nitroglycerin (0.4 mg/tab or multidose spray)	1 bottle
Ondansetron (Zofran)	8 mg IV 8 mg PO
Sodium Bicarbonate (50mEq/50cc)	1