

 COUNTY OF SAN DIEGO EMERGENCY MEDICAL SERVICES	SERVICE PROVIDER AGENCY		S-804
	FIRST RESPONDER INVENTORY		
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I. PURPOSE

To identify a standardized inventory on all first responder units.

II. AUTHORITY: Health and Safety Code, Division 2.5, Section 1797.204 & 1797.206; California Governor's Office of Emergency Services, FIREScope, ICS 702, Appendix A & B, 2016

III. DEFINITION(S)

BLS FR: Basic life support first responder apparatus.

ALS FR: Advanced life support first responder apparatus.

ALS WL: Advanced life support wildland apparatus.

ALS FL PM: Advanced life support fireline paramedic.

IV. POLICY

Essential equipment and supplies to be carried on each first responder unit shall include the following:

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	BLS FR	ALS FR	ALS WL	ALS FL PM
BASIC LIFE SUPPORT				
Ankle and Wrist Restraints	1 set	1 set	-	-
Automated External Defibrillator (with adult and pediatric defibrillator pads)	1	-	1	1
Personal Protective Equipment (masks, gloves, gowns, shields)	1 set per crew member	1 set per crew member	1 set per crew member	1 set per crew member
Disposable Gloves - non-sterile	1 box	1 box	1 box	1 box
Disposable Gloves - sterile	-	4 pairs	-	-
Goggles	-	-	2 pair	-
Oropharyngeal Airway				
• Oral Airway 40mm	1	1	1	1
• Oral Airway 60mm	1	1	1	1
• Oral Airway 80mm	1	1	1	1
• Oral Airway 90mm	1	1	1	1
• Oral Airway 100mm	1	1	1	1
• Oral Airway 110mm	1	1	1	1
Nasopharyngeal Airways				
• Nasal Airway 26mm	1	1	1	1
• Nasal Airway 28mm	1	1	1	1
• Nasal Airway 30mm	1	1	1	1
• Nasal Airway 32mm	1	1	1	1
• Nasal Airway 34mm	1	1	1	1
• Nasal Airway 36mm	1	1	1	1
Water Soluble Lubricant	1	1	1	5
Oxygen Cylinder – Portable (D or E) (with 1 regulator and 1 wrench)	2	2	2	-
Bag-Valve-Mask w/Reservoir and Clear Resuscitation Mask				
• Adult	1	1	1	1
• Pediatric	1	1	1	-
• Infant (mask)	1	1	1	-
• Neonate (mask)	1	1	1	-
Oxygen Administration Mask				
• Adult	2	4	2	-
• Pediatric	1	2	1	-
• Infant	1	1	1	-
Nasal Cannula (Adult)	2	2	-	-
Handheld Nebulizer	-	-	-	2
Oxygen Powered Nebulizer				
• Adult	1	1	1	-
• Pediatric	1	1	1	-
Sterile Saline (for nebulizer)	2	2	2	-
Oxygen Saturation Monitoring Device				
• Adult Probe	O	1	1	O
• Pediatric/Infant	O	1	1	O
Portable Suction Equipment (30 L/min, 300 mmHg) OR Manual Suction Device (70 L/ min 170-380 mmHg)	1	1	1	1

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• Suction Catheter - Tonsil Tip (Yankauer)	2	2	1	1
• Suction Catheter (5)	1	1	1	1
• Suction Catheter (6)	1	1	-	-
• Suction Catheter (8)	1	1	-	-
• Suction Catheter (10)	2	1	-	1
• Suction Catheter (12)	1	1	-	-
• Suction Catheter (18)	2	1	-	-
• Suction Tubing	1	1	-	-
Bandaging Supplies				
• 4" Sterile Bandage Compress	6	6	6	6
• 3x3 or 4x4 Gauze Pads (non-sterile)	4	4	4	4
• 2", 3", 4", or 6" Roller Bandage	6	6	4	2
• Coban Wraps/Ace Bandage	0	0	0	2
• 1", 2", or 3" Adhesive Tape	2	2	2	2
• 1" Tape, Cloth	0	0	0	2
• 10" x 30" (or larger) Universal Dressing	2	2	2	4
• Petroleum Dressing	2	2	2	2
• Triangular Bandage	2	2	2	2
• Burn Sheet (or equivalent)	0	0	0	2
• Adhesive bandage	5	5	5	-
Trauma Shears	1	1	1	1
Cold Packs	2	2	2	3
Warming Packs (not to exceed 110 degrees F)	2	2	2	2
Pneumatic or Rigid Splint	1	1	1	1
Spinal Immobilization Devices with Straps/Tape	1	1	1	-
Head Immobilization Device	1	1	1	-
Cervical Collars (rigid)				
• Adult	2	2	1	1
• Pediatric (small, medium, large)	2	2	1	-
• Infant	2	2	1	-
Traction Splint				
• Adult (or equivalent)	1	1	1	-
• Pediatric (or equivalent)	1	1	1	-
Tourniquet (County-approved type ¹)	2	2	2	2
MCI Triage Tags and/or Ribbon Kits	1	1	1	1
Obstetrical supplies to include:				
• Sterile Gloves, Umbilical Tape or Clamps, Dressings, Head Coverings, ID Bands, Towels, Bulb Syringe, Sterile Scissors or Scalpel, Clean Plastic Bags	1	1	1	-
Blood Pressure Manometer and Cuff				
• Adult	1	1	1	1
• Pediatric	1	1	1	-
• Infant	1	1	1	-
Stethoscope	1	1	1	1
Blood Glucose Monitoring Device & Supplies	1	1	1	1

¹ San Diego County EMS Office approves the [Committee for Tactical Combat Casualty Care \(CoTCCC\) list of recommended tourniquets \(limb non-pneumatic/limb pneumatic\)](#).

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Penlight	1	1	1	1
Thermometer	1	1	1	1
Razor	1	1	1	1
Blanket	2	2	2	2
Eye Wash (1 bottle)	1	1	1	1
Clear Disposable Trash Bag	1	1	-	-
Biohazard Trash Bag	1	1	1	2
Sharps Container (OSHA approved)	1	1	1	1
EMS Radio	1	1	1	-
Chest Seals	O	2	O	O
Hemostatic Gauze ²	2	2	2	2
Metronome (or equivalent device)	O	-	-	-
Mechanical Compression Device	O	O	O	-
Splinter Kit	-	-	-	1
ADVANCED LIFE SUPPORT				
Airway Adjuncts				
Quantitative End Tidal CO2 Monitor	-	1	1	1
Pediatric End Tidal CO2 Detection Device (if capnography not equipped to read EtCO2 in patients weighing <15kgs)	-	2	2	-
CPAP Equipment	-	1	-	-
ETT Adapter (nebulizer)	-	1	-	-
Endotracheal Tubes				
• ETT Size 5.0	-	1	1	-
• ETT Size 5.5	-	1	1	-
• ETT Size 6.0	-	1	1	1
• ETT Size 6.5	-	1	1	-
• ETT Size 7.0	-	1	1	-
• ETT Size 7.5	-	1	1	1
• ETT Size 8.0	-	1	1	-
Supraglottic Airway (i-gel: sizes 3, 4, 5) OR Retroglottic Airway (King Airway: sizes 3, 4, 5)	-	1 each	1 each	1 each
Laryngoscope - handle	-	2	1	1
Video Laryngoscope (recording capabilities preferred)	-	O	O	-
Laryngoscope Blades				
• Straight – Size 0	-	1	1	-
• Straight – Size 1	-	1	1	-
• Straight – Size 2	-	1	1	-
• Straight – Size 3	-	1	1	-
• Straight – Size 4	-	1	1	1
• Curved – Size 0	-	1	1	-
• Curved – Size 1	-	1	1	-
• Curved – Size 2	-	1	1	-
• Curved – Size 3	-	1	1	-

² The active hemostatic agent must be incorporated into the gauze (loose granules or granules delivered in an applicator, or particles sprinkled into the wound, are not authorized). The active hemostatic agent must not be exothermic (heat producing) upon contact with the wound.

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• Curved – Size 4	-	1	1	1
Magill Tonsil Forceps – small and large	-	1 each	1 each	-
Stylet – 6 and 14 french, Adult	-	1 each	1 each	-
Bougie	-	1	1	-
Nasogastric Tubes (8, 10, 12, 14, 18)	-	1 each	1 each	-
ETT Securing Device	-	1	1	1
Vascular Access/Monitoring Equipment				
IV Administration Sets				
• Macro drip (2 must be vented if using acetaminophen vials)	-	2	1	2
• Micro drip OR • Multi-drip chambers	-	1	1	-
Saline Lock	-	1	1	-
IV Tourniquets	-	2	2	2
Needles				
• IV Cannula – 14 gauge	-	2	2	2
• IV Cannula – 16 gauge	-	2	2	2
• IV Cannula – 18 gauge	-	2	2	2
• IV Cannula – 20 gauge	-	2	2	2
• IV Cannula – 22 gauge	-	2	2	-
• IV Cannula – 24 gauge	-	2	2	-
• IM – 21 gauge x 1 inch	-	3	2	4 ³
• Filter Needles	-	2	1	O
• Angiocath for Needle Decompression – 14 gauge, 3.25 inches	-	2	1	1
• IO – Jamshidi-type (or approved device) Needle – 18 gauge	-	2	2	-
• IO – Jamshidi-type (or approved device) Needle – 15 gauge	-	2	2	-
OR				
• IO Power Driver w/ Appropriate IO Needles:				
o 15 mm (3-39 kg)	-	2	2	-
o 25 mm (40 kg and greater)	-	2	2	-
o IO Needle Stabilization Device	-	1	1	-
Syringes				
• 1 mL	-	2	1	2
• 3 mL	-	2	1	O
• 10 mL	-	2	1	2
• 20 mL	-	2	1	O
• 60 mL	-	1	1	O
Alcohol Preps	O	6	6	6
VeniGuard	-	2	2	2
Betadine Swabs	-	4	4	4
Cardiac Monitor/Defibrillator (with 12-lead ECG, transmission and pacing capability, oxygen saturation monitoring, capnography (quantitative), metronome)	-	1	O	O
• Capnography cannula	-	2	O	O
• Capnography mainstream	-	2	O	O

³ IM – 21 gauge x 1 inch may be substituted with 18 and/or 25 gauge needle, per FIREScope.

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	BLS FR	ALS FR	ALS WL	ALS FL PM
Defibrillator Pads				
• Adult	-	1	0	0
• Pediatric	-	1	0	0
ECG Electrodes	-	1 box	0	0
Carboxyhemoglobin Monitor	-	0	-	-
Other Equipment				
Length Based Resuscitation Tape (LBRT)	-	1	1	-
Mucosal Atomizer Device (MAD)	-	2	2	2
Pediatric Drug Chart (laminated)	-	1	1	-
Standing Orders Protocol (laminated)	-	1	1	-
Fireline Paramedic Pack Inventory Sheet	-	-	-	1
Patient Care Records (when ePCR not available)	-	-	-	6
Agency AMA Form (when ePCR not available)	-	-	5	3
Narcotics Storage System	-	1	1	1
Pad, Writing	-	-	-	1
Pen and Pencil	-	-	-	1
Replaceable Medications				
Acetaminophen – 1000 mg/100 mL (requires vented tubing if using vials)	-	1	1	-
Adenosine – 6 mg/2 mL vial	-	5	-	5
Albuterol – 2.5 mg/3 mL 0.083% or MDI	-	6	6 or 1 MDI	1 MDI
Amiodarone – 150 mg/3 mL (with normal saline 100 mL bag)	-	0	-	0
ASA, chewable – 80 mg	-	6	6	20
Atropine sulfate – 1 mg/10 mL	-	2	2	2
Atropine sulfate – 8 mg/20 mL (0.4 mg/1 mL)	-	2	-	-
Calcium chloride – 1 gm/10 mL	-	1	-	-
Charcoal, activated (no sorbitol) – 50 gm	-	1	0	-
Dextrose, 50% – 25 gm/50 mL	-	0	0	-
Dextrose, 10% – 25 gm/250 mL	-	2	1	1
Diphenhydramine hydrochloride – 50 mg/1 mL	-	1	1	4
Epinephrine auto-injector, adult – 0.3 mg	1	0	0	0
Epinephrine auto-injector, pediatric – 0.15 mg	1	0	0	0
Epinephrine 1:1,000 – 1 mg/1 mL	-	2	2	4
Epinephrine 1:10,000 – 1 mg/10 mL	-	4	3	2
Glucagon – 1 unit (mg)/1 mL	-	1	1	1
Glucose paste/tablets (15 g tube or 3 tabs)	1	1	1	1
Ipratropium bromide – 0.5 mg/2.5 mL	-	2	2	0
Ketamine – 500 mg/10 mL (with normal saline 100 mL bag)	-	1	0	0*
Levalbuterol – 1.25 mg/3 mL (adults and pediatrics ≥12 years) and 0.31 mg/3 mL (pediatrics ≥6 and <12 years)	-	0	0	0
Lidocaine hydrochloride (preservative-free) – 100 mg/5 mL (2%)	-	2	0	0
Midazolam – 5 mg/1 mL	-	2	2	4*
Morphine sulfate (injectable) – 10 mg/ 1 mL				
OR				
Fentanyl citrate – 100 mcg/2 mL	-	2	2	6*
(units may carry morphine <u>or</u> fentanyl, but <u>not</u> both)				
Naloxone hydrochloride – 2 mg/2 mL	-	2	2	2

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Naloxone hydrochloride – 4mg nasal spray preloaded single-dose device OR Naloxone hydrochloride – 2mg/2 mL w/ MAD	1	O	O	O
Nitroglycerin – 0.4 mg (1 container)	-	1	1	1
Ondansetron (injectable) – 4 mg/2 mL	-	1	1	4
Ondansetron (PO/ODT) – 4 mg	-	1	1	4
Ringer's lactate solution ⁴	-	O	O	O
Sodium bicarbonate – 50 mEq/50 mL	-	1	-	-
Tranexamic acid – 1 gm/10 mL	-	1	1	1
IV Solutions				
• Normal saline – 1,000 mL bag	-	2 ⁵	2 ⁵	1 ⁵
• Normal saline – 500 mL bag	-	O	O	O
• Normal saline – 250 mL bag	-	2	-	-
• Normal saline – 50 mL bag or 100 mL bag	-	1	1	O

Note: Items with “O” are optional

⁴ With the exception of amiodarone and ketamine, medications listed in P-401 may be infused with Ringer's lactate solution during periods when normal saline fluid is in shortage. This substitution shall be on a one-for-one basis, i.e., a protocol treatment of 250 mL normal saline fluid bolus may be replaced with a 250 mL Ringer's lactate fluid bolus.

⁵ Inventory must be configured with combinations of 1,000 mL, 500 mL, or 250 mL bags.

* Fireline paramedics may carry an inventory of controlled substances (e.g., fentanyl and midazolam) if authorized by the employing agency's Medical Director. The authorizing Medical Director is responsible to ensure full compliance with all federal and state laws relating to purchase, storage, and transportation of controlled substances. Only controlled substances approved for use in the incoming paramedic's county may be carried and their use must be in accordance with that county's Local EMS Agency treatment protocols.

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