



COUNTY OF SAN MATEO
**EMERGENCY
 MEDICAL SERVICES**

SYSTEM POLICY NO:	EQUIP-3
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PARAMEDIC AMBULANCE AND FIRST RESPONSE APPARATUS MEDICATIONS, EQUIPMENT AND SUPPLIES

Purpose: Standardization of supplies and equipment to ensure response readiness and interoperability.

Authority: Health and Safety Code Division 2.5, Section 1797.204.

Abbreviations for medication dosages:

- Gram = gm
- Microgram = mcg
- Milliequivalent = mEQ
- Milligram = mg
- Milliliter = ml

Medications

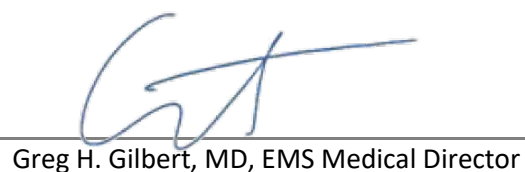
The following are approved medications and minimum levels to be carried on all San Mateo County emergency paramedic ambulance, EMS Supervisor, and first response apparatus. In the event of a drug shortage, LEMSA shall approve medication substitutions.

Medication	Fire & Supervisor	Ambulance
Adenosine	18 mg	36 mg
Albuterol 0.83% solution	4-unit doses	8-unit doses
Aspirin: children's chewable	1 bottle	2 bottles
Atropine 1 mg/5 ml preload	1 mg	2 mg
Atropine Multi Dose	1 bottle	1 bottle
Charcoal Slurry 25 gm/120 ml	1 dose	2 doses
Calcium Chloride 1 gm/10 ml preload	1 gm	2 gm
Dextrose 10% 25 gm/250 ml premixed bag	25 gm	50 gm
Diphenhydramine 50 mg/1 ml	100 mg	100 mg
Dopamine 400mgs/250 ml premixed bag	400 mg	800 mg
Epinephrine 1:1,000 1 mg/ml vial	2 mg	2 mg
Epinephrine 1:10,000 1 mg/10 ml preload	4 mg	8 mg
Glucagon 1 mg/vial	1 mg	2 mg

APPROVED:



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Medication	Fire & Supervisor	Ambulance
Glucola 10 oz. or Glucose Paste	1 dose	3 doses
Fentanyl 50 mcg / 1ml*	100 mcg	200 mcg
Lidocaine 100 mg/5 ml preload	400 mg	800 mg
Morphine Sulfate 10 mg/1 ml (vial, ampule, or preload)*	10 mg	20 mg
Midazolam 2mg / 2cc vial	2 mg	4 mg
Naloxone 2 mg/2 ml	4 mg	8 mg
Nitroglycerine tablets	1 bottle	2 bottles
Ondansetron 4 mg ODT	12 mg	24 mg
Ondansetron 4 mg Vial	12 mg	24 mg
Sodium Bicarbonate 1 mEq/1 ml	100 mEq	200 mEq
Medication Labels	1	2

*Morphine or Fentanyl, not both on the same apparatus.

IV Fluids	Fire & Supervisor	Ambulance
Normal Saline 1000 ml	3 each	6 each
Normal Saline 10 ml vial or Syringe	2 each	4 each

Supplies and Equipment

Personal Protective Equipment	Fire & Supervisor	Ambulance
Gloves: Clean (pairs uni-sized)	1 box	2 boxes
Disposable Bags (medical waste)	1	1
Isolation Gown	1 per person	1 per person
Isolation Mask	1 per person	1 per person
N95/ P100 OSHA micro filter masks	1 per person	1 per person
Eye Protection for Infection Control	1 per person	1 per person

Patient Assessment and Examination Equipment	Fire & Supervisor	Ambulance
Glucometer	1	1
Stethoscope	1	1
Portable Blood Pressure Cuffs (adult, thigh, pediatric)	1	1
Pulse Oximeter (Adult & Pediatric)	1	1
Pediatric Measurement Tape (Broselow)	1	1
Pediatric Medication Card	1	1
Adult Medication Card	1	1
Thermometer	1	1

Airway Management Equipment	Fire & Supervisor	Ambulance
Video Laryngoscopy Equipment (if available)	1 tablet 2 blades	1 tablet 3 blades
Laryngoscope Handle Adult & Pedi	1 each	1 each
Adult blade, Sizes: Straight 3, 4	1 each	1 each
Curved 3, 4	1 each	1 each
Pediatric blades, Sizes: Straight 0, 1, 2	1 each	1 each
Curved 1, 2	1 each	1 each
ET Tubes	1 each 5.5 – 8.0 (including 1/2 sizes) two 7.5	1 each 5.5 – 8.0 (including 1/2 sizes) two 7.5
Endotracheal Tube Inducer (ETTI)	1	2
ET Tube holder devices	1	2
Esophageal Tracheal Airway Device (ETAD)/ King	1 each size 3, 4, 5	1 each size 3, 4, 5
CPAP equipment 3 sizes	1 each	2 each
End Tidal CO2 Monitor Electronic filter line	1 each	2 each
Adult Stylet	1	1
Handheld Nebulizer & Mouthpiece	1	1
Magill Forceps:		
Adult	1	1
Pediatric	1	1
Pleural Decompression Kit	1	1
Soluble Lubricant (packets)	2	2
Suction Catheters:		
Sizes: 16	1	2
14	1	2
10	1	2
8	1	2
6	1	2
Tonsil Tip	1	2
Suction Tubing (spare)	1	2
Portable suction (battery powered)*	1	1
Nasal Pharyngeal Airways:		
Sizes: 34	1	1
32	1	1
30	1	1
28	1	1
Oral Pharyngeal Airways Sizes: 0-6 (or equivalent metric sizes)	1 each	1 each
Oxygen ETCO2 Nasal Cannula: Adult	2	4
Oxygen Nasal Cannula: Adult	2	4
Pediatric	2	2
Oxygen Mask Non-Rebreather Adult	2	4
Oxygen Mask - Pediatric	2	2
Oxygen Mask - Infant	1	1
Bag-Valve-Mask with reservoir: Adult	1	2
Pediatric BVM or pedi mask w/BVM	1	2

Airway Management Equipment	Fire & Supervisor	Ambulance
Infant Mask for use w/ BVM	1	2
Portable Oxygen with Regulator**:	1	1
Oxygen Gaskets for portable	1	1
O ₂ Wrench	1	1

* Squeeze syringes do not satisfy this requirement.

** Oxygen supply must be sufficient to provide a patient with not less than 10L/min for 20 minutes.

Cardiac Monitoring Equipment	Fire & Supervisor	Ambulance
Portable Cardiac Monitor/Defibrillator *	1	1
EKG paper (rolls)	1	1
Electrodes:	20 ea.	40 ea.
Pediatric Electrodes:	20 ea.	40 ea.
Adult Pads	1 set	2 set
Pediatric Pads	1 set	2 set
Patient Cable Main Trunk with 4-Lead	1	1
Patient Cables 12 Lead	1	1

*The supervisor will include CO monitoring

Communication Equipment	Fire & Supervisor	Ambulance
Cellular Telephone	Fire N/A-Sup (1)	1
Two-Way EMS Radio-installed in vehicle	Fire N/A-Sup (1)	1
Portable Two-Way EMS Radio	Fire N/A-Sup (1)	1
Mobile or Portable Two-Way Fire Radio	1	1

Bandaging and Splinting Equipment	Fire & Supervisor	Ambulance
Sterile Bandage Compresses or Equivalent	4	12
Petroleum Gauze Pads	1	2
Gauze Pads: Minimum size 4"x 4"	6	12
Universal Dressings: 10" x 30" or Larger	1	2
Triangular Bandages - 40"	2	2
Roller Bandages	2	6
Windlass Tourniquets	1	2
Bandage Shears	1	1
Extremity Traction Splint (model optional)	Fire(1)-Sup(N/A)	1
Cervical Collar (Rigid) (sizes to fit all patients > 1 year old)	1 each size	2 each size
Disposable Vacuum Splint	(Med) Fire (1) Sup (N/A)	2 - (1) Med / (1) Lg.
Cardboard Splint Arm, Leg	Not Applicable	1
Rigid SAM-Type Splints	2	2
Spinal Immobilization Device (Backboard)	Fire (1)-Sup (N/A)	1

Bandaging and Splinting Equipment	Fire & Supervisor	Ambulance
Spinal Immobilization Straps	10 ea.	40 ea.
Pediatric Immobilization Device	Fire (1)-Sup (N/A)	1
Head Immobilizer	2	2
Sterile Burn Pack (sheet)	1	2
Tape: 1/2" roll	Not Applicable	1
1" roll	1	1
2" roll	1	1
Arm Boards: Short & Long	Not Applicable	1 each
Hot Packs	1	1
Cold Packs	2	2
Restraints (set)	Not Applicable	1
KED type device	optional	1
Irrigation Solution:	Not Applicable	1
Sterile saline: 500 ml	Not Applicable	1
Sterile water: 500ml		
OB Kit: (To include gloves, umbilical cord clamp or tape, dressings, towels, bulb syringe, and clean plastic bags)	1	1

IV, Saline Lock, and Blood Drawing Equipment	Fire & Supervisor	Ambulance
Infusion Sets: Micro drip set	1	2
Standard set (Macro)	3	6
Extension set w/ flow controller	1	4
3 way stop-cocks	2	4
IV Access Port	1	1
IV Cannulas:		
Sizes: 24 gauge	2	4
22 gauge	2	4
20 gauge	2	4
18 gauge	2	4
16 gauge	2	4
14 gauge	2	4
Saline Locks	2	6
Syringes: 60ml	1	1
10ml	2	2
3ml	2	2
1ml	2	4
Atomizer (MADD)	2	2
Needles for Injection:		
25 gauge: 5/8"	2	2
21 gauge: 1"	2	2
Intraosseous Driver	1	1
IO Needle (Small, Medium & Large) w/ tubing	1 each	1 each
Prep Razor	1	1
Alcohol Wipes	10	10
Betadine Wipes (packets)	6	6
Tourniquets (IV)	2	2

IV, Saline Lock, and Blood Drawing Equipment	Fire & Supervisor	Ambulance
Pressure Infuser for 1,000ml IV bags	1	1
Portable sharps container	1	1

Miscellaneous Items	Fire & Supervisor	Ambulance
Portable Medication Box	1	1
Trauma Bag or Box	1	0
Emesis Basins	Not Applicable	2
Urinal	Not Applicable	1
Bedpan	Not Applicable	1
DOT Emergency Response Guide (ERG)	1	1
Stair Chair	Not Applicable	1
Gurney	Not Applicable	1
Scoop Stretcher	Not Applicable	1
Triage Tags (County approved)	1 pack	10
Potable water	Not Applicable	1 gallon
Reflector Vests for Highway use	1 per person	4

Other equipment as required by the State of California and in Provider's contract with County.

Restocking of Medications, Medical Supplies and Equipment

Providers of paramedic emergency ambulance and first response shall be responsible for restocking their respective apparatus. While providing service on-board medication, medical supplies and equipment stock will decrease. On-duty paramedics are responsible for ensuring in-service ambulances and first response apparatus have appropriate levels of medications, medical supplies and equipment on-board per this policy. When needed, the on-duty supervisor will be requested to restock. The on-duty supervisor will ensure the timely resupply of apparatus to maintain the minimum levels per this policy.