

PURPOSE: To provide a standardized list of equipment and supplies for Response and/or Transport units in San Joaquin County

AUTHORITY: Health and Safety Code, Division 2.5, Section 1797.22

DEFINITIONS:

- A. "Advanced Life Support (ALS)" means a special services designed to provide definitive prehospital medical care, administered by authorized personnel as part of a local EMS system at the scene of an emergency, during transport to an acute care hospital, during interfacility transfers, and while in the emergency department of an acute care facility until responsibility is assumed by the medical staff.
- B. "Advanced Life Support Ambulance (ALS Ambulance)" means a ground ambulance which is staffed and equipped to provide ALS care consistent with the California Health and Safety Code, Division 2.5 and San Joaquin County Policies and Procedures, and is authorized to provide ALS services pursuant to a written agreement with the San Joaquin County EMS Agency.
- C. "Ambulance" means a vehicle, including aircraft, specially constructed, modified, equipped, or arranged, used or operated for the purpose of transporting sick, injured, convalescent, infirm, or otherwise incapacitated person(s) in the need of medical care, and which can operate Code 3.
- D. "ALS Non-Transport Unit" means an ALS vehicle which is staffed and equipped to provide ALS care consistent with the California Health and Safety Code, Division 2.5 and the San Joaquin County Policies and Procedures, and is authorized to provide ALS services pursuant to a written agreement with the San Joaquin County EMS Agency.
- E. "ALS Teams" means any paramedic being used in any of the following areas, but not limited to; bike, boat, tactical weapons.
- F. "Basic Life Support (BLS)" means emergency first aid and cardiopulmonary resuscitation procedures which, as a minimum, include recognizing respiratory and cardiac arrest and starting the proper application of cardiopulmonary resuscitation to maintain life without invasive techniques until the victim may be transported or until ALS is available.

POLICY: The following list is the minimum of required supplies and equipment that are required for all BLS and ALS units. This list represents mandatory and optional items with minimum required quantities, to exclude narcotics, which are exact amounts. All items with expiration dates must be current. All drugs and equipment should be stored in accordance with the manufacture recommendations.

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Medication/Solutions	BLS	ALS Teams	ALS Non-Transport	ALS Transport
Activated Charcoal			50 Gm	50 Gm
Adenosine		18 mg	30 mg	30 mg
Albuterol Aerosolized Solution = 2.5 mg each		2	04	04
Aspirin, children's chewable – 81 mg tablets			1 btl	1 btl
Atropine		2 mg	3 mg	3 mg
Atropine – Multi dose vial (<i>1 multi dose vial</i>)		*	*	*
Benadryl		50 mg	100 mg	100 mg
Calcium Chloride			1 gm	1 gm
Dopamine			400 mg	400 mg
Epinephrine 1:1,000 (<i>multi dose vial</i>)			30 mg	30 mg
Epinephrine 1:1,000		3 mg	2 mg	2 mg
Epinephrine 1:10,000		2 mg	3 mg	3 mg
Dextrose 25%			Optional	Optional
Dextrose 50%		25 Gm	50 Gm	50 Gm
Glucagon			2 mg	2 mg
Glucose Paste	2 Tubes	Optional	Optional	Optional
Lasix			100 mg	100 mg
Lidocaine		200 mg	300 mg	300 mg
Lidocaine			2 Gm	2 Gm
Lidocaine Jelly		1 oz	2 oz	2 oz
Magnesium Sulfate			10 Gm	10 Gm
Midazolam (<i>Versed</i>) (<i>Must be kept double locked</i>)			10–20 mg	10–20 mg
Morphine Sulfate (<i>Must be kept double locked</i>)			30–60 mg	30–60 mg
Narcan			10 mg	10 mg
Neosynephrine – 0.5 mg per metered dose		1 btl	1 btl	1 btl
Nitroglycerin spray		1 btl	2 btl	2 btl
Normal Saline 50 ml partial fill			Optional	Optional
Normal Saline 250ml bags			1	2
Normal Saline 1000 ml bags		3	3	6
Pralidoxime Chloride		*	*	*
Saline/Sterile Water 1000 cc Irrigating	3		3	3
Sodium Bicarbonate			50 mEq	100 mEq

*Quantities to be determined by provider

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Intravenous Supplies & Equipment	BLS	ALS Teams	ALS Non-Transport	ALS Transport
IV start kits (which include alcohol or Chloraprep wipes)		2	3	3
Disposable syringes, TB, 3cc, 5cc/6cc, 10cc/12cc, 20cc/30cc, 50cc/60cc catheter tip		1 ea	2 ea	2 ea
Hypo needles 18ga, 20ga/21ga, 22ga/23ga, 25ga		1 ea	2 ea	2 ea
IV Catheters, 14ga, 16ga, 18ga, 20ga, 22ga, 24ga		1 ea	2 ea	2 ea
Intraosseous needles 15ga, & 18ga			2 ea	2 ea
Scalp vein needles 19ga, 21ga, 23ga, 25ga			1 ea	1 ea
3-way Stopcock (<i>for use with I/O</i>)			2	2
Solution administration set, Macro drip		2	2	4
Y-Blood tubing			2	2
Solution administration set, Micro drip			1	2
Saline locks			2	2
Buretrol administration set			1	1
IV extension tubing			1	2
Chemistry profile tubes (as required by facilities)			1 ea	2 ea
Glucose monitoring device with strips			1 ea	1 ea
IV Warming device				1
Dial-a-flow			1	2
Disposable razors			2	2

Airway Management Supplies & Equipment	BLS	ALS Teams	ALS Non-Transport	ALS Transport
In ambulance oxygen source. Oxygen supply must be sufficient to provide a patient with not less than ten (10) liters per minute for twenty (20) minutes (ambulance)				1
Portable oxygen - D or E size cylinders	1	1	1	2
Oxygen regulator	1	1	1	1
Wall mount suction device				1
Battery powered suction unit	Optional		1	1
Manual power suction device	1	1	Optional	Optional
Disposable Ventilation Bags(<i>adult and child</i>), with appropriate connector masks (<i>adult, child, infant</i>)	1 ea	1 ea	1 ea	1 ea
Suction Catheters, Size 6, 8 or 10, 12 or 14, 18	1 ea		1 ea	1 ea
Connecting tubing for suction units	2		2	2
Yankauer Tonsil Tip Suction Catheter	2		2	2
Water soluble lubricating jelly	1 Tube	1 Tube	1 Tube	1 Tube
Oropharyngeal Airways, (<i>adult, child, infant</i>) sizes 0 – 9	1 ea	1 ea	1 ea	1 ea
Nasopharyngeal Airways, Sizes 20, 24, 28, 32, 36 French	1 ea		1 ea	1 ea
Nasal Cannula, adult	3	1	3	3
Adult Non-rebreather oxygen mask	2	1	2	3
Adult simple oxygen masks	1		1	2

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Airway Management Supplies & Equipment, cont.	BLS	ALS Teams	ALS Non-Transport	ALS Transport
Nasal Cannula, pediatric	1	1	1	2
Pediatric Non-rebreather mask	1	1	1	2
Pediatric simple oxygen mask	1		1	2
BAAM (for nasal intubation)		1	1	1
Naso/Orogastric tubes (sump tubes) #14, #16 or 18			1 ea	1 ea
Naso/Orogastric feeding tubes #5 or 6 and #8			1 ea	1 ea
Laryngoscope handle with batteries or 2 disposable handles		1	1	1
Spare batteries for laryngoscope handle		1	2	2
Spare light bulbs for laryngoscope blades			1	1
Laryngeal blades # 0, #1, #2, #3, #4 curved or straight		1 ea	1 ea	1 ea
Magill Forceps – Adult and Pediatric		1 ea	1 ea	1 ea
Malleable stylet - Adult and Pediatric		1 ea	2 ea	2 ea
Endotracheal tubes, cuffed 6.0 or 6.5, 7.0 or 7.5, 8.0 or 8.5		1 ea	2 ea	2 ea
Endotracheal tubes, uncuffed 2.0 or 2.5, 3.0 or 3.5, 4.0 or 4.5, 5.0 or 5.5		1 ea	2 ea	2 ea
ET tube holder		1	2	2
Meconium aspirators			1	2
End tidal CO2 device, quantitative or qualitative (adult and pediatric)			1 ea	1 ea
Small volume nebulizer		1	2	2
Nebulizer mask			1	1
One way flutter valve with adapter or equivalent		1	1	1
Trans-tracheal catheter and translaryngeal jet ventilator with a 10 ga needle or a device approved by the CA EMS Authority		1	1	1
Combi-Tube		1	1	1
Combi-Tube SA		1	1	1
Patient Assessment Supplies & Equipment	BLS	ALS Teams	ALS Non-Transport	ALS Transport
Ankle/wrist restraints	4		4	4
Stethoscope	2	1	2	2
Flashlight	1	1	1	1
Blood pressure cuff: thigh, adult, child, infant	1 ea	1 ea	1 ea	1 ea
Thermometer or equivalent	1		1	1
Rolls of tape, size 1" or 2" or 3"	2	1	2	2
Bandage shears	1	1	1	2
Infant cap and blanket	Optional		Optional	1 ea
OB Kit: the kit must contain all of the following: bulb suction, two (2) Kelly clamps or cord clamps, sterile scissors or scalpel, sterile sheet and blanket, sterile container, two (2) sterile towels, sterile container, and sterile gloves.	1		1	2

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Patient Assessment Supplies & Equipment, cont.	BLS	ALS Teams	ALS Non-Transport	ALS Transport
Bed pan/fracture pan				2
Covered waste container				1
Emesis basins				2
Urinal				2
Handcuff key				1
Ammonia inhalants				
1000 ml Pressure infusion bag or equivalent			1	1
Spit Hoods				
Broselow Pediatric Resuscitation Tape or equivalent			1	1
Heart monitor with defibrillation/pacing capabilities		1	1	
Heart monitor with defibrillation/pacing/12 lead capabilities (12 Lead required by October 1, 2006)			Optional	1
EKG Patches (adult and pediatric)		1	3 ea	3 ea
Conductive medium/pads for defibrillation/pacing		1		
Pulse oximetry device (Optional for EMT-I)	Optional		1	1
Pediatric immobilization device	Optional		1	1
Automatic BP Monitor			Optional	Optional
Approved automatic ventilator			Optional	Optional
AED Supplies & Equipment: <i>The following is required for those providers who have been authorized to use the AED</i>				
Automated External Defibrillator	1			
AED electrodes	3 pair			

Trauma Supplies & Equipment	BLS	ALS Teams	ALS Non-Transport	ALS Transport
Head immobilization devices	2		2	2
Long board with restraint straps	1		1	2
Short extrication device (<i>i.e., KED</i>)	1 ea		1 ea	1 ea
Traction splint Adult and Pediatric	1		1	1
Cervical collars (<i>large, medium, small, pediatric, 1 - infant</i>)	2 ea	1 ea	2 ea	2 ea
Sterile burn sheets	2	1	2	4
Face mask for burn victims	Optional		Optional	Optional
Various size burn towels or burn pack	Optional		Optional	Optional
Air occlusive dressings	2	1	2	4
4 x 4 gauze pads	8	8	8	16
Rigid splints capable of splinting all extremities	4	2	4	4
Trauma dressings	2	2	2	3
Gauze roll type bandages, size 2 or 4 or 6	4	2	4	6
Triangular bandages	2	2	2	4

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Disaster Kit	BLS	ALS Teams	ALS Non-Transport	ALS Transport
Treatment Area Markers Red – Immediate Treatment Area, Yellow – Delayed Treatment Area, Green – Minor Treatment Area. Only one set of treatment markers is required per provider	1		1	1
Identification Vests – Medical Group Supervisor, Patient Transportation Group Supervisor, Triage Unit Leader, Treatment Unit Leader, Medical Communications Coordinator, Immediate Treatment Manager, Delayed Treatment Manager, Minor Treatment Manager, Medical Supply Coordinator, Morgue Manager, Recorder (6 optional), Ground/Air Ambulance Coordinator. Only one Set of vests is required per provider	1		1	1
Triage Packet Contents, will contain the following:	1		1	1
Vinyl Zippered Envelope 12” x 15”	1		1	1
Triage Tags	50	25	50	50
Ruled Paper Tablet	1		1	1
1” Masking Tape	1 roll		1 roll	1 roll
Pencils	5		5	5
Black Felt Tip Marking Pens	5		5	5
Medical Group Structure and Function Sheets	1		1	1
Patient Disposition Sheets	25		25	25
List of Local Phone Numbers	1		1	1

Miscellaneous Equipment	BLS	ALS Teams	ALS Non-Transport	ALS Transport
Current DOT Emergency Response Guide Book	1		1	1
Current Field Operations Guide ICS 420-1 (<i>FOG Manual</i>)	1		1	1

Infection Control Supplies	BLS	ALS Teams	ALS Non-Transport	ALS Transport
Needle disposal system, which is OSHA compliant	Optional	1	1	1
One mask per crewmember with current certification by NIOSH. Masks should be fit tested in accordance with the manufacture recommendations. Additionally, a mask should be available for ride outs.	1	1	1	1
Bottle of alcohol based hand rub	1	1	1	2
Bio-Hazard bags (various sizes recommended)	3	2	3	5
Bio-Hazard Spill Kit.	1		1	1
Antibacterial disinfectant solution	1		1	1
The following shall by OSHA’s complaint and there shall be enough supplies for each crew member and ride outs.				

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Infection Control Supplies	BLS	ALS Teams	ALS Non-Transport	ALS Transport
Nonporous gloves, and which	1	1	1	1
Goggles or glasses, face mask	1	1	1	1
Gowns	1	1	1	
Optional PPE Equipment: The following section contains equipment that is recommended. All quantities listed are optional and are per individual.				
Hard Hat – Work Helmet – Blue	1		1	1
Eye Protection	1		1	1
Hearing Protection	1		1	1
Body Garment (Uniform Blue)	1		1	1
Garment single use	1		1	1
Hooded, chemical resistant clothing	1		1	1
Jacket – EMS with reflective stripes	1		1	1
Gloves – chemical – protective Nitrile	1		1	1
Gloves work	1		1	1
Footwear worn	1		1	1
Footwear covers	1		1	1
Escape hood	1		1	1
Knife folding	1		1	1
Personal communications device	1		1	1
Mark I Auto-Injector Kit	1		1	1
Recommended Extended Operations Equipment				
Day Pack for the following equipment	1		1	1
Water	1 qt		1 qt	1 qt
Water Purification unit	1		1	1
Rain gear (top and bottom)	1		1	1
Extra clothing to include personal hygiene items	1		1	1
Meal Ready to Eat	6		6	6

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