

STATE OF HAWAII
DEPARTMENT OF HEALTH

**ESSENTIAL EQUIPMENT and SUPPLIES
FOR
BASIC and ADVANCED LIFE SUPPORT**

Ambulance Service Standards

Adapted from: American Academy of Pediatrics, American College of Emergency Physicians, American College of Surgeons Committee on Trauma, Emergency Medical Services for Children, Emergency Nurses Association, National Association of EMS Physicians & National Association of State EMS Officials (2014) Equipment for Ground Ambulances, Prehospital Emergency Care, 18:1, 92-97, DOI: 10.3109/10903127.2013.851312

ESSENTIAL EQUIPMENT FOR BASIC LIFE SUPPORT

Ambulance cot w/ 3 seatbelts
Cot fasteners, Floor/Wall Mount
Portable oxygen unit 360L min. tank
Flowmeter 0-15L/min
Positive pressure elder-type valve
Oxygen masks, clear, disposable, adult/pedi 1 ea
Oxygen nasal cannula, disposable 2 ea
Oropharyngeal airways, adult/ped/infant 1 ea
Nasopharyngeal airways, 2 ea
Oxygen tanks, spare, 360L min, 2 ea
Bag-valve-mask, pedi w/O2 reservoir
Bag-valve-mask, adult w/O2 reservoir
Suction, portable, battery operated
Widebore tubing
Rigid pharyngeal suction tip
Suction catheters 5, 10, 14, 18fr, 1 ea
Bite sticks (mouth gag), 2 ea
Ammonia inhalants, 3 ea
Antiseptic swabs, 50 ea
Bulb syringe, 3 oz. or irrigation syringe, 50cc
Obstetrical kit, 1 ea including:
 Drapes, sterile 2 ea
 Blankets, sterile, receiving
 Gloves, latex, sterile 2 pair
 Gauze pad, 4x4, sterile, 6 ea
 Kelly clamps or ties, sterile, 2 ea
 Napkins, sanitary, sterile, 3 ea
 Bulb syringe, infant, sterile, 1 ea
 Scissors, sterile, 1 pair
 Containers, clean 1 ea
 Normal saline irrigation, 1000cc, 2 ea
 Isopropyl alcohol, 8 oz., 1 ea
Bedpan and urinal, clean, 1 ea
Emesis containers, clean, 2 ea
Tissue, disposable, 1 box
Transport ventilator
Portable blood pressure pulse / vital sign monitor
Battery operated cardiac monitor defibrillator with
 external cardiac pacemaker that communicates
 with the DOH-provided ePCR
Bilevel Positive Airway Pressure Device "BiPAP"
Continuous Positive Airway Pressure Device
 "CPAP"
Pulse Oximeter
Sheets, linen or disp., 4 ea
Blankets, non-synthetic, 4 ea
Gauze pads, sterile, 3x3 min, 24 ea
Gauze rolls, sterile, 2" x 5 yds, 4 ea
Gauze rolls, sterile 3"/4" x 5 yds, 4 ea
Gauze rolls, sterile, 6" x 5 yds, 4 ea
Triangle bandage, 40" min, 3 ea
Universal dressing, 8 x 10 min, sterile, 1 ea
Tape, 1" and 2" x 5 yds, 1 ea
Band-aids, assorted
Plastic wrap, 12" x' 12" min, 1 ea
Burn sheets, sterile, 2 ea
Sphygmomanometer, adult, 1 ea
 Extra large adult, 1 ea
 Pediatric, 1 ea
Stethoscope, 1 ea
Scissors, bandage, 5" min
Thermometer, oral and rectal, 1 ea
Spineboard, short, w/straps, 1 ea
Spineboard, long w/straps, 1 ea Scoop
stretcher w/3 straps, 1 ea KED, 1 ea
Stair-chair, w/3 straps, 1 ea
Cervical collar, stiff neck, S,M,L 1 ea
Blanket rolls, Headbeds or equiv., 4 ea
Traction splints, adult and pedi, 1 ea
Fire extinguishers, #5, ABC, 2 ea
Flares, 30 min, 6 ea
Gloves, working, 2 pair
Lantern, 6v, stand-up, 1 ea Flashlight,
portable, 2-D cell min., 1 ea Spare tire,
tools, or 24-hr. agreement Universal
Protection Equipment Hazmat Book
End tidal CO2 Detector (electronic or
disposable)
Multi-channel syringe infusion pump

ESSENTIAL EQUIPMENT FOR ADVANCED LIFE SUPPORT

Locking cabinet for controlled and spare drugs
Normal saline 500ml., 2 ea
Normal saline 1000ml, 4 ea
Macro drip IV.admin. set 2 ea
Micro-drip IV admin. set 2 ea
Volutrol IV admin. set 2 ea
Burrets IV admin. set 2 ea
Extension tubing, multi-port.4 ea
IV Catheters,12,14,16,18,20,22,4 ea
Scalp vein needles,19,21,23,25, 2 ea
Syringes 50cc adapter top, 1 ea
 -50cc luer-lock tip, 1 ea
 -12cc w/2lg x 1" needle, 2 ea
 -6cc and 3cc, 2 ea
lcc tuberculin w/ needle, 4 ea
Needles, 18g x 1 1/2", 2 ea
 -22g x 1 1/2" and 25 gx 5//, 2 ea
 -18 g x 3 1/2", 2 ea
Intraosseous Needle, 16 ga, 2 ea

Blood tubes or vacutainers, 4 ea
Tape, plastic, 1" and 1/2", 1 ea
Razor, prep, 1 ea
Armboards, short and long, 2 ea
Laryngoscope handle, 1 ea
Blades, #1,2,3,4 1 ea
Endotracheal tubes 2.5, 3.0, 3.5, 4.0 1 ea
 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0 1 ea
Kelly clamp, 1 ea
Lidocaine Jelly 2% 100mg/5ml, 1 ea
Water soluble lubricant, 1 ea
McGill forceps, 1 ea
IV pressure infuser pump
Cardiac monitor / Defibrillator / Pacer
Strip recorder
Defibrillator pads, 1 pair
Patient cable, 3 lead, 1 ea
12-lead EKG cable and selector, 1 ea

APPROVED MEDICATION LIST

Acetaminophen (Tylenol) Elixir	Glucagon
Activated Charcoal	Glucose, oral preparation
Adenosine (Adenocard)	Ipratropium (Atrovent)
Albuterol Inhaler	Lidocaine 1%
Albuterol Sulfate	Lidocaine 20%
Amiodarone (Cordarone)	Morphine Sulfate
Aspirin, Chewable	Magnesium Sulfate
Atropine	Methylprednisolone
Diphenhydramine (Benadryl)	Midazolam (Versed)
Calcium Chloride	Naloxone (Narcan)
Dextrose 50%	Nitroglycerine
Diazepam (Valium)	Norepinephrine (Levophed)
Dopamine	Ondansetron (Zofran)
Epinephrine 1:1,000	Oxytocin (Pitocin)
Epinephrine 1:10,000	Sodium Bicarbonate
Etomidate	Succinylcholine
Fentanyl	Terbutaline (Brethine)
Furosemide (Lasix)	