

MIEMSS July 1, 2024 - June 30, 2025 ALS Commercial Ambulance Equipment List

This equipment list is not intended to provide a complete description of every item required by regulation.

For details refer to COMAR 30.09

Service: _____

Fleet ID: _____

Location: _____

Inspector: _____

List #:	# of Items	Description	Pass	Fail	Notes
**		All BLS ambulance licensure requirements must be met including any approved OSP's			
ALS EQUIPMENT AND GENERAL SUPPLIES					
1	1	12-lead cardiac monitor/defibrillator with quick look capability - adult & pediatric			
2	1	Waveform capnography			
3	2	Adult multi function pads			
4	1	Pediatric multi function pads			
5	1	Monitoring cables			
6	9	Monitoring electrodes			
7	1	Spare monitor/defib batteries and/or on-board charging system			
8	1	Spare EKG paper			
9	1	Pulse oximeter - neonatal, pediatric & adult sensor required			
10	1	ICD donut magnet			
11	1	CPAP device and all manufacturer-specific supplies needed to treat one patient			
12	4	Gastric tubes - 8F & various sizes 10F-16F adult			
13	2	Tapered tip lavage syringes - 30cc minimum size			
14	2	NDT needle/catheter minimum length 3.25"/14g diameter w/commercial flutter valve			
15	1	Digital thermometer with disposable probe covers			
MEDICATIONS & DELIVERY DEVICES					
** Packing of medications or IV solutions may vary but total quantities MUST be met.					
16		Adenosine - 30 mg			
17		Albuterol - 20 mg			
18		Amiodarone - 450 mg			
19		Aspirin - 324 mg or 4 - 81 mg			
20	1	Atropine Sulfate - 1 mg each			
21		Atrovent (Ipratropium) - 500 mcg			
22	1	Calcium chloride - 1 gm			
23		Dexamethazone - 10 mg			
24		Dextrose 10% solution – minimum 500 mL - preferred Dextrose 50% solution – 25 grams in 50 mL – <i>optional in lieu of D10</i>			
25		Diltiazem - 50 mg			
26		Diphenhydramine (Benadryl) - 50 mg			
27		Droperidol - 2.5 mg			
28	4	Epinephrine 1:10,000 - 1 mg each			
29		Epinephrine 1:1,000 - 3mg			
30		Esmolol - 100mg/10ml			
31	1	Glucagon - 1 mg			
32		Ketamine - 400 mg			
33		Ketorolac - 30 mg (with approved OSP)			
34	1	Lidocaine 2% - 100 mg			
35		Lidocaine 4% - 4 ml			
36		Magnesium Sulfate - 4 g			
37		Naloxone (Narcan) - 2 mg (4mg in 0.1 mL may be used)			
38	2 ea.	Nebulizers			
39	1 ea.	Nitroglycerin - spray or tablet bottle			
40		Nitro Paste and applicator - 1 gm			
41		Ondansetron (Zofran) - 24 mg			
42	2	Sodium Bicarbonate - 50 mEq			
43		TXA - 1 gram with 100 ml bag of Normal Saline, D5W or Ringers Lactate			
44		Double lock - controlled access system for storage of CDS			
45		Midazolam (Versed) 20 mg			
46		Fentanyl - 400 mcg			
46B		Or Morphine Sulfate - 40 mg (with approved OSP)			
47	1	Current drug reference (hard copy or electronic within 2 years)			
48	1	Functional DC to AC inverter			
INTRAVENOUS AND PARENTERAL SUPPLIES					
49	4	1 cc syringes			

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51	4	3-5 cc syringes			
52	4	10 cc syringes			
53	4	18g, 19g, or 20g straight needles			
54	4	25g needles (1 1/2 inches appropriate for IM injection)			
55	1	Intranasal medication delivery device			
56	2 ea.	IV catheters (gauges 14, 16, 18, 20, 22, and 24)			
57	1	IO needle with 3-way stopcock			
58	3 sets	IV admin sets (2 capable of 10-15 drops/min and 1 capable of 60 drops/min or variable flow sets			
59		Ringers lactate - 2000 cc			
60	1	Ringers lactate or Normal Saline 100 cc bag (to be used for Epi drip)			
61		IV site preparation materials			
62		Stretcher mounted IV pole or IV infusion pump (with approved OSP)			
63	2	Non-coring needles (e.g. Huber)			
INTUBATION KIT					
64	1 set	Miller blades - 0, 1, 2, 3, and 4			
65	1 set	McIntosh blades - 1, 2, 3, and 4			
66	1	Large laryngoscope handle with spare batteries			
67	1	Small laryngoscope handle with spare batteries			
68		Spare laryngoscope bulbs for miller and mac blades (unless fiber optic)			
69	1 ea.	ET tubes cuffed (6, 7, 8, and 9)			
70	1 ea.	ET tubes (2.5, 3, 3.5, 4, 4.5, 5, and 5.5) cuffed or uncuffed			
71	1	Adult stylette			
72	1	Pediatric/infant stylette			
73	1	10 cc syringes			
74	1	Large Magill forceps			
75	1	Small Magill forceps			
76	1 ea.	Water soluble lubricant (1 tube or 4 packs)			
77	1	End tidal carbon dioxide detector - pediatric and adult (electronic or colormetric)			
78	1	Suction device for meconium			
79		Extraglottic airway set (King LTS-D, LMA, Air-Q, or I Gel)			
		All sizes newborn through adult			
VENTILATOR - with approved OSP					
80	1	Ventilator minimally capable of the following settings:			
		Oxygen concentration between 20% - 100%			
		Peak pressures between 0 and 99			
		Selectable intermittent mandatory ventilation (IMV)			
		Positive end expiratory pressure between 2 and 15			
		Adjustable ventilatory rates between 0 and 60 per minute			
		Adjustable tidal volumes: adult: 300ml - 1,000ml and pediatric: 15ml - 200ml			
		Adjustable high and low pressure alarms			
81	2	Ventilator circuits			

Updated March 20 , 2024
Effective July 1, 2024