

Trauma Care Audit and Tracker Form: Ambulances

The SaveLIFE Foundation has developed the minimum parameters for ambulances in the Indian context in adherence to WHO and MoHFW standards. Under the Trauma Care audits, the ambulances are audited as per these parameters.

Broadly, a medical facility can be classified as Advanced Life Support (ALS) or Basic Life Support (BLS) ambulance.

BLS Ambulance	ALS Ambulance
Fully Equipped ambulance focused to provide immediate intervention and stabilisation to sustain life in straightforward emergencies.	Fully equipped ambulance equipped with a higher level of training, equipment and medicines to manage complex medical situations.

The detailed ambulance standards are listed in the tables below and may be used by the district to review and upgrade the ambulance infrastructure in the district.

Human Resource

Ambulance Number:				
S. No	Items	BLS	ALS	
01	EMT (Emergency Medical Technician) - B.Sc. with Certification in BLS/ ALS/ ACLS/ ITLS or E.M.T. Diploma	✓	✓	
02	Driver - Valid licence & Ability to read, write and maintain log books	✓	✓	

Equipment

Ambulance Number:				
S. No	Items	BLS	ALS	
01	Prior Hospital Notification Connectivity	✓	✓	
02	Triage Bag	✓	✓	
03	Automated External Defibrillator	✓	✓	
04	Bag and Mask Ventilation Device (Adult)	✓	✓	
05	Bag and Mask Ventilation device (Child & Neonatal)	✓	✓	
06	BP Instrument Aneroid	✓	✓	
07	Cervical Collar	✓	✓	
08	Flowmeter with Humidifier bottle	✓	✓	
09	Nebulizer (Electric)	✓	✓	
10	Pneumatic Splints	✓	✓	

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Equipment

		Ambulance Number:		
S. No	Items	BLS	ALS	
11	Spinal Board	✓	✓	
12	Suction Pump, foot operated	✓	✓	
13	Suction Pump, hand operated	✓	✓	
14	Supraglottic device (LMA) all sizes	✓	✓	
15	Trolley Stretcher- with back tilt facility and collapsible wheels	✓	✓	
16	Appropriate heat source for the ambulance compartment.		✓	
17	Baby receiving tray with warmer		✓	
18	Child safety restraints.		✓	
19	Cold packs	✓	✓	
20	Defibrillator		✓	
21	End Tidal CO2 Monitor		✓	
22	Extrication devices-Heavy duty scissors for cutting clothing, belts, and boots,One Axe,Wrecking Bar, minimum 24-inch,Crowbar, minimum 48 inches, with pinch point.	✓	✓	
23	Traffic signalling devices, Siren,Spare Tyre or stepney, Vehicle Tool Kit, Headlights	✓	✓	
24	Flashlights (2) with extra batteries and bulbs.	✓	✓	
25	Immobilisation devices(In case of fracture) -moldable metal or alloy(aluminium)-All size Pneumatic Splints	✓	✓	
26	Infusion Pump		✓	
27	Intubation equipments-Laryngoscope,LMA,Combitube,ET tube,Lighted Stylets /buji of different sizes,Mini Tracheostomy kit		✓	
28	Kidney Tray	✓	✓	
29	Lower extremity traction devices,Upper and lower extremity immobilisation devices,Thomas splint,		✓	
30	Multi parameter monitor	✓	✓	
31	Nasogastric Tubes	✓	✓	
32	Oxygen administration equipment-SFM, Nasal cannula, Mask, AMBU bag(adult and ped), NRBM	✓	✓	
33	Personal protective equipment (head to toe)	✓	✓	

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Equipment

Ambulance Number:				
S. No	Items	BLS	ALS	
34	Stretcher-Radiolucent backboards (long, short)device,Spine Board with head immobiliser with restrain belts,Scoop stretcher,Folding stretcher (optional)	✓	✓	
35	Thermal absorbent blanket and head cover		✓	
36	Tourniquet	✓	✓	
37	Urinal or bedpan	✓	✓	
38	Venturi Mask,Pocket	✓	✓	
39	Vitals equipments-Sphygmomanometer, Stethoscope (paediatric and adult), Digital Thermometer, Pulse oximeter, Glucometer,	✓	✓	
40	Waste bin for sharp needles, etc.	✓	✓	
41	Scoop Stretcher	✓	✓	
42	Intra Venous Cut Down Set and Suture Kit	✓	✓	
43	Double Head Immobilizers	✓	✓	
44	Foetal doppler		✓	
45	Laryngoscope	✓	✓	
46	Monitor	✓	✓	
47	Suction pump portable electric	✓	✓	
48	Syringe Pump		✓	
49	Transport Ventilator (Adult & Paediatrics)		✓	
50	Warning Triangle Lights	✓	✓	
51	Seat belt cutter	✓	✓	
52	Cleaning and disinfection material	✓	✓	
53	Internal communication between driver and patient compartment	✓	✓	
54	Access to Mobile Network	✓	✓	
55	Safety Helmet	✓	✓	
56	Safety Shoes	✓	✓	
57	Personal Protection Equipment	✓	✓	

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Consumables

Ambulance Number:				
S. No	Items	BLS	ALS	
01	ECG electrodes		✓	
02	Airways-Guedel's airway 00-5,00,0,1,2,3,4,5,Nasal airways(all sizes) & catheters	✓	✓	
03	Nebulisation mask	✓	✓	
04	Teeth guard		✓	
05	Vinodine Spray	✓	✓	
06	First Aid Box	✓	✓	
07	Burn Pack: Standard package		✓	
08	Cotton Roll,Bandage (a) 15cm (b) 10cm (c) 6cm,Savlon,Betadine solution or betadine ointment,	✓	✓	
09	Delivery Kit	✓	✓	
10	Disposable bags for vomiting, etc.	✓	✓	
11	G.V. Paint,4"x 4" gauze sponges Cotton Rolls,Triangular Bandage,Gauze rolls Sterile (various sizes),Elastic bandages Non-sterile (various sizes),Dressings : Sterile multi-trauma dressings (various large and small sizes),Occlusive dressing Sterile, 3"x8" or larger,Adhesive tape : Various sizes (including 2" or 3")	✓	✓	
12	I.V. Fluids	✓	✓	
13	Micro pore, Wide bore needles, Disposable L.P. Needles/ I V Cannula), Three way stop cork, Extension I/V lines, Pressure Infusion Bags, Micro drip-set & Macro Drip-set, Right Angle Swivel Connector, IV Lines	✓	✓	
14	Minimum of one fire extinguisher, CO2 or dry chemical or type ABC.	✓	✓	
15	Pain Spray, Mistdress Spray, Coolex Spray	✓	✓	
16	Sample collection kits		✓	
17	Syringes 2 & 5 & 10 ml	✓	✓	
18	Oxygen cylinder Minimum 360L	✓	✓	
19	Stock Register	✓	✓	
20	Patient Care Record Books	✓	✓	

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Medicines

Ambulance Number:				
S. No	Items	BLS	ALS	
01	Tab - Paracetamol 500gm	✓	✓	
02	Tab - Activated charcoal strip	✓	✓	
03	Syp Antacid Anaesthetic Gel bottle	✓	✓	
04	Tab - Ecosprin AV75/ Aspirin	✓	✓	
05	Syp Paracetamol 60ml	✓	✓	
06	Tab -Clopidogrelstrip	✓	✓	
07	Tab - Isosorbide Dinitrate 5 mg Sublingualstrip	✓	✓	
08	Xylocaine Jelly 2%	✓	✓	
09	ORS	✓	✓	
10	Glucose 100gm	✓	✓	
11	IV fluid Dextrose 25%	✓	✓	
12	IV fluid Normal Saline 100ml,500ml	✓	✓	
13	IV Ringer Lactate	✓	✓	
14	IV Set Micro/Macro drip and Cannula	✓	✓	
15	Paramedic knowledge regarding Emergency Medicines	✓	✓	
16	Inj. Adrenaline		✓	
17	Inj. Atropine		✓	
18	Inj. Adenosine		✓	
19	Inj. Calcium Carbonate		✓	
20	Inj. Dopamine		✓	
21	Inj. Dobutamine		✓	
22	Inj. Noradrenaline		✓	
23	Inj. Nitroglycerine		✓	
24	Inj. Sodium Bicarbonate		✓	
25	Inj. Hydrocortisone		✓	
26	Inhaler Beclomethasone 250 micro/dose		✓	
27	Inhaler Salbutamol 200 micrograms		✓	
28	Inj. Frusemide		✓	

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Medicines

		Ambulance Number:		
S. No	Items	BLS	ALS	
29	Inj. Diazepam/Midazolam		✓	
30	Inj. Deriphyllin		✓	
31	Inj. Phenytoin sodium		✓	
32	Inj. Avil		✓	
33	Inj. Metro Chlorpropamide		✓	
34	Inj. Ondansetron		✓	
35	Inj. KC1		✓	
36	Inj. Lignocaine 2%		✓	
37	Inj. Amiodarone 50 mg/ml		✓	
38	Inj. Magnesium sulphate 25% 2ml.		✓	
39	Inj. Mannitol 20 %		✓	
40	Inj. Morphine/Inj. Pethidine		✓	
41	Inj. Noradrenaline bitartrate 4mg, 2 ml. Ampule		✓	
42	Activated charcoal		✓	
43	Inj. Naloxone HC1		✓	
44	Inj. Fentanyl		✓	
45	Bacteriostatic water for Injection		✓	
46	Inj. Sodium Valproate		✓	
47	Inj. Voveran		✓	
48	Inj. Paracetamol		✓	
49	Tab aspirin		✓	
50	Tab nitroglycerin sublingual tablet or paste		✓	
51	50% Dextrose solution or 25% Dextrose solution		✓	
52	EpiPen		✓	
53	Oral glucose		✓	
54	IV fluid Normal Saline 100ml, 500ml		✓	
55	IV Ringer Lactate		✓	
56	IV Set Micro/Macro drip and Cannula		✓	