

# Standard Emergency Medical Kits Booklet 2019



1<sup>st</sup> Edition

Emergency Medical Services Division  
Department of Medical Services  
Ministry of Health

## PREFACE

Emergency Medical Services Division under the Department of Medical Services is privileged to present the 1st edition of **Standard Emergency Medical Kits Booklet 2019** to meet different health needs in prehospital care setting during emergencies and disasters. A certain number of kits shall be prepositioned in ambulances and at strategic locations to be mobilized immediately in times of need.

The kit comprises of first aid, basic life support, advanced life support, trauma and obstetric kits. These kits has comprehensive list of equipment and supplies that will help or facilitate patient care in prehospital setting. The use of each of this kit may be determined by the nature of emergencies and the provider's scope of practice. The kits are intended for use by health care providers who are trained in appropriate management of emergencies. It may be advisable to seek medical direction or expert opinion when ever deemed necessary.

The basic aims of providing first aid and emergency medical care is to save lives of the victims and to prevent further harm. With increase in literacy and training sessions, many people are aware of providing basic first aid and emergency care to the patients. However, it is very important to have a standard equipment list to provide uniform and immediate response during emergencies.

We hope that these kits will help our health workers to provide a uniform, immediate and effective response to mass casualty at the scene and routine emergency care in the ambulances.



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## SCOPE

This document indicates the content, setting, and usage of emergency medical kits in all the health facilities. It shall also apply to all non-health professionals with regard to contents of first aid kits.

Any medical emergency which involves advanced and expert's intervention should immediately be referred to the health facilities or call 112 for advanced medical help.

## FIRST AID KIT:

It contains the most basic medical supplies intended to be used by first aider to manage and treat the injured or sick people.

Sl. #	Item	Qty.
1	Bandage, 5 cm, roll	3
2	Bandage, 10 cm, roll	3
3	Bandage, 15 cm, roll	3
4	Gauze, 5x5 cm (pack, 20 pcs)	1
5	Gauze, 2x4 cm (pack, 20 pcs)	1
6	Adhesive tape	1
7	Triangular Bandage	2
8	Scissors	1
9	Povidone Iodine solution, 50 ml	1
10	Normal Saline, 500 ml	1
11	Safety pins (Set, 10 pcs)	1
12	Paraffin gauze, 5x5cm (pack, 10 pcs)	1
13	Paraffin gauze, 10x10cm (pack, 10 pcs)	1
14	SAM splint	1
15	Elastic Bandage (crepe Bandage), 5" roll	1

16	Thermo survival blanket	1
17	Tab Paracetamol, 500 mg	10
18	Tab Cetirizine, 10 mg	10
19	Tab Antacid, 650 mg	10
20	Ethyl Chloride spray	1
21	Silver Sulfadiazine 1% (25g) ointment	2
22	Disposable gloves	5
23	Surgical Mask	5
24	Alcohol Based hand rub	1
25	Soap	1
26	Tweezer	1

*\*Tab Acetazolamide, 250 mg (10) to be included only for high altitude illness.*



## BASIC LIFE SUPPORT KIT:

It contains equipment and supplies in addition to first aid kit which are intended to be used by the trained personnel to provide basic life support in prehospital setting.

Sl. No.	Item	Qty.
A	<b>Airway and Ventilation</b>	
1	Bag-valve mask (adult, child, neonate)	1
2	Oro-pharyngeal airway, set	1
3	Naso-pharyngeal airway, set	1
4	Nebulizer mask (adult, pediatric)	1
5	Non-rebreather mask (adult, pediatric)	1
6	Nasal cannula (adult, pediatric)	1
7	Venturi mask	1
B	<b>Suction</b>	
1	Suction apparatus	1
2	Suction catheter (rigid and flexible)	1 each
C	<b>Diagnostic and Monitoring</b>	
1	Monitor with BP, HR,RR, ECG, SpO2 with defibrillator (optional)	1
2	AED with extra battery	1
3	Adult and Ped AED pads	1 each
4	Glucometer with strips	1
5	Stethoscope	1
6	BP Apparatus with adult and pediatric cuff	1
7	Thermometer (digital)	1
8	Portable Pulse Oximeter	1
9	Pen torch light	1
10	First aid kit	1

**Inside Compartment**

<p><b>D: FIRST AID KIT</b></p>	<p><b>C:DIAGNOSTIC AND MONITORING</b>                  Monitor with BP, HR,RR, ECG, SpO2 with defibrillator (optional)                  AED with extra battery                  Adult and Paed AED pads                  Glucometer and strips                  Stethoscope                  BP Apparatus with adult and pediatric cuff                  Thermometer (digital)                  Portable Pulse Oximeter                  Pen torch light</p>
<p><b>B: SUCTION</b>                  Suction apparatus                  Suction catheter (rigid and flexible)</p>	<p><b>A: AIRWAY AND VENTILATION</b>      Venturi mask                  Bag-valve mask (adult, child, neonate)                  Oro-pharyngeal airway, set                  Naso-pharyngeal airway, set                  Nebulizer mask (adult, Paediatric)                  Non-rebreather mask ( adult, paediatric)                  Nasal cannula (adult, Paediatric)</p>

**Outside Compartment**

<p><b>BASIC LIFE SUPPORT KIT</b></p>
<p>PPE                  Documentation chart                  Pen</p>

## ADVANCED LIFE SUPPORT KIT:

It contains equipment and medications in addition to BLS Kit intended for advanced life support resuscitation and management of life threatening medical conditions. It is to be used by the medical professionals trained in ACLS.

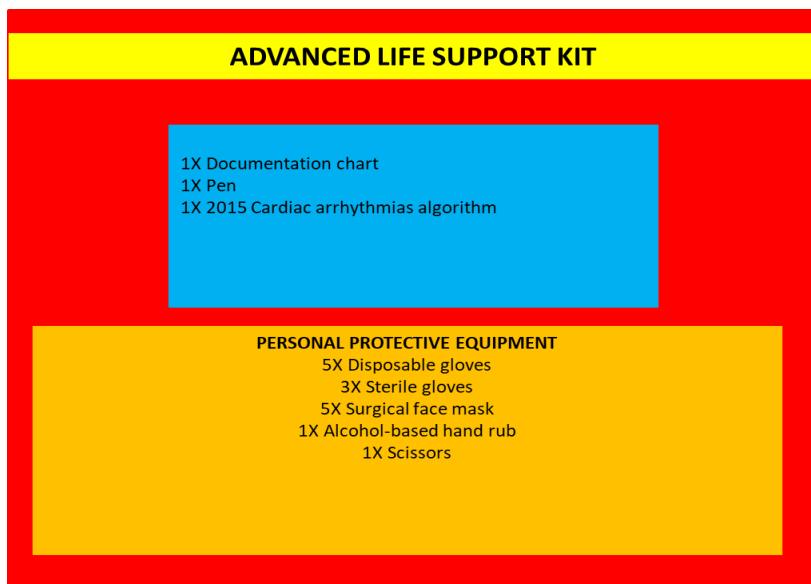
Sl. #	Item	Qty.
<b>A</b>	<b>Airway and Ventilation</b>	
1	Bag-valve Mask (adult, child and neonate)	1 each
2	Oro-pharyngeal airways, set	1
3	Naso-pharyngeal airway, set	1
4	Nebulizer mask (adult and ped)	1
5	Non-rebreather mask (adult and ped)	1
6	Nasal cannula (adult and ped)	1
7	Laryngoscope with blade, mac-2, 3, 4	1each
8	Extra batteries for laryngoscope	1 pair
9	Bougie and Stylet (adult and ped)	1each
10	Endotracheal tube- cuffed (2 mm to 8mm)	1each
11	Magill forceps, adult and pediatric	1 each
12	Laryngeal Mask Airway (size-1-4)	1each
<b>B</b>	<b>Suction</b>	
1	Suction Apparatus	1
2	Flexible suction catheter	1
3	Yankuer suction tube	1
<b>C</b>	<b>Dressing</b>	
1	Dressing set	1
2	Gauze (2"x5", pkt, 10 pcs)	1



3	Gauze (4"x4" pkt, 10 pcs)	1
4	Povidone iodine solution	1
5	Bandages	5
<b>D</b>	<b>Diagnostic and Monitoring</b>	
1	Monitor with BP, HR,RR, ECG, SpO2 with defibrillator	1
2	Glucometer and strips	1
3	Portable Pulse Oximeter	1
4	Stethoscope	1
5	Thermometer (digital)	1
6	Pen torch light	1
7	Electrode ( ECG monitoring pad)	10
8	Tongue depressor	1
9	Scissors	1
10	2015 Cardiac arrhythmias algorithm	1
<b>E</b>	<b>Infusion and injection</b>	
1	IV cannulae -all sizes	1 each
2	Adhesive tape	1
3	Spirit swabs (alcohol preps), pkt 10 pcs	1
4	3-way stopcock	1
5	tourniquet (venous constricting band)	1
6	5mL sterile water for IV flush	10
7	500ml Normal Saline	1
8	500 ml of Dextrose 10%	1
9	100mL of Dextrose 25%	1
10	Syringes with needle 2mL, 5 ml, 10 ml	3 each
11	IV sets	3

12	Dry cotton ball, 10/pkt	1
13	Sharp container	1
14	Intraosseous device (gun type)	1
15	Intraosseous needle size -15mm,25mm	1each
<b>F</b>	<b>PPE and Misc.</b>	
1	Disposable gloves	5 pairs
2	Sterile gloves	3 pairs
3	Surgical face mask	5
4	Alcohol-based hand rub	1
5	Documentation chart	1
6	Pen	1
7	Medicine Box	1

**Outside Compartment**



**Inside Compartment**

<p><b>D: DRESSING</b>                  1X Dressing set                  1X Gauze (2"x5", pkt, 10 pcs)                  1X Gauze (2"x5" pkt, 10 pcs)                  1X Gauze (4"x4" pkt, 10 pcs)                  1X Povidone iodine solution Bandages</p>	<p><b>E: INFUSION AND INJECTION-I</b>                  1X IV cannulae -all sizes                  1X Adhesive tape (dynaplast)                  1X Spirit swabs (alcohol preps), pkt 10 pcs                  1X 3-way stopcock                  1X Tourniquet ( venous constricting band)                  3X Syringes with needle 2mL, 5 ml, 10 ml                  3X IV sets                  1X Dry cotton ball, 10/pkt                  1X Sharp container                  1X Intraosseous device ( gun type)                  1X Intraosseous needle size - 15mm,25mm</p>	<p><b>F: INFUSION AND INJECTION-II</b>                  5X 5mL sterile water for IV flush                  1X 500ml Normal Saline                  1X 500 ml of Dextrose 10%                  1X 100mL of Dextrose 25%</p>	<p><b>C: DIAGNOSTIC AND MONITORING</b>                  1X Monitor with BP, HR,RR, ECG, SpO2 with defibrillator                  1X Glucometer and strips                  1X Portable Pulse oximeter                  1X Stethoscope                  1X Pediatric BP Apparatus (digital or manual with cuff)                  1X Thermometer (digital)                  1X Pen torch light                  1X Electrode ( ECG monitoring pad)                  1X Tongue depressor</p>
<p><b>G: 1X Medicine Box</b></p>			
<p><b>B: SUCTION</b>                  1X Suction Apparatus                  1X Flexible suction cathether                  1X Yankuer suction tube</p>	<p><b>A: AIRWAY AND VENTILATION</b>                  1X Bag-valve Mask (adult, child and neonate)                  1X Oro-pharyngeal airways, set                  1X Naso-pharyngeal airway, set                  1X Nebulizer mask (adult and Paed)                  1X Non-rebreather mask ( adult and paed)                  1X Nasal cannula (adult and Paed)                  1X Laryngoscope with blade, mac-2, 4                  1X Extra batteries for laryngoscope</p>		
	<p>1X Bougie and Stylet (adult and pediatric)                  1X Endotracheal tube- cuffed (2 mm, 3 mm, 6.5 mm, 7.5 mm, 8mm)                  1X Magill forceps, adult and pediatric                  1X Laryngeal Mask Airway (size-1-4)</p>		

**TRAUMA KIT:**

The kit contains equipment and supplies intended to be used by the medical professionals trained in initial management of injured/trauma patients to address life or limb threatening conditions on scene.

Sl. #	Item	Qty.
<b>A</b>	<b>Airway and Ventilation:</b>	
<b>1</b>	Bag-valve Mask (adult, child and neonate)	1
<b>2</b>	Oro-pharyngeal airways, set	1
<b>3</b>	Naso-pharyngeal airway, set	1

4	Nebulizer mask (adult and ped)	1 each
5	Non-rebreather mask (adult and ped)	1 each
6	Nasal cannula (adult and ped)	2
7	Laryngoscope with blade, mac-2, 3, 4	1 each
8	Extra batteries for laryngoscope	1 pair
9	Bougie and Stylet (adult and pediatric)	1 each
10	Endotracheal tube- cuffed (2 mm to 8mm)	1 each
11	Magill forceps, adult and pediatric	1 each
12	Laryngeal Mask Airway (size-1-4)	1 each
<b>B</b>	<b>Suctioning</b>	
1	Suction Apparatus	1
2	Flexible suction catheter	1
3	Yankuer suction tube	1
<b>C</b>	<b>Diagnostic and Monitoring</b>	
1	Monitor with BP, HR,RR, ECG, SpO2 with defibrillator	1
2	Glucometer and strips	1
3	Portable Pulse Oximeter	1
4	Stethoscope	1
4	Thermometer (digital)	1
6	pen torch light	1
7	Tongue depressor	1
<b>D</b>	<b>Immobilization</b>	
1	SAM splints (large, med, small)	1
2	Cervical Collar (Adult & Pediatric)	1 each
3	Triangular bandage 40"x40"x56"	2
4	Foldable hare traction	1

<b>E</b>	<b>Dressing and Wound Care</b>	
1	Adhesive Bandages	1 roll
2	Bandages, 5 cm, roll	2
3	Bandages, 10 cm, roll	2
4	Bandages, 15 cm, roll	2
5	Gauze, 2"x5", pkt, 10 pcs	5
6	Gauze, 5"X5", pkt, 10 pcs	5
7	Abdominal Combine Pad, 5" x 9"	5
8	Plastic Medical Tape	2
9	Thermo survival blanket	2
<b>F</b>	<b>Instrumentation, Surgical</b>	
1	Adult Chest tube, size 24	1
2	Water seal drainage bag	1
3	Cloth scissors 185 mm	1
4	Arterial Tourniquet (Rubber tube)	1
5	Surgical blade size 11	2
6	Suture set (needle holder, artery forceps 4 nos, surgical scissors, toothed and non-toothed forceps, sponge holder)	1
7	Nylon suture, 3/0	2
<b>G</b>	<b>Infusion and Injection</b>	
1	Syringe with needles 2ml, 5 ml, 10 ml	2 each
2	IV sets	2
3	IV Cannulae, all sizes	1 each
4	Spirit swabs (alcohol prep pads)	5
5	3-way stopcock	1
6	Venous constriction band	1

7	Sterile water (5cc) for IV flush	5
8	500ml Lactated Ringers	2
9	500ml Normal Saline	2
10	500 ml of Dextrose 10%	1
11	Sharp container	1
<b>H</b>	<b>PPE and Misc.</b>	
1	Alcohol-based hand cleaner	1
2	Disposable gloves	5 pairs
3	Sterile gloves	3 pairs
4	Documentation chart	1
5	Ink Pen	1
6	Draw sheet 100X60 cm	1
7	Medicine Box	1

## Outside Compartment

TRAUMA KIT	
<p><b>PPE AND MISCELLANEOUS</b>            1X Alcohol-based hand cleaner            5X Disposable gloves            3X Sterile gloves            1X Documentation chart            1X Ink Pen            1X Scissors</p>	
<p><b>IMMOBILIZATION</b>            1X SAM splints (large, med, small)            1X Cervical Collar (Adult &amp; Pediatric)            2X Triangular bandage 40"x40"x56"            1X Foldable hare traction            1X Draw sheet 100X60 cm</p>	

## Inside Compartment

<b>DRESSING AND WOUND CARE</b> 1X Adhesive Bandages ( Dynaplast) 2X Bandages, 5 cm, roll 2X Bandages, 10 cm, roll 2X Bandages, 15 cm, roll 5X Gauze, 2"x5", pkt 10 pcs 5X Gauze, 5"x5", pkt 10 pcs 5X Abdominal Combine Pad, 5" x 9" 2X Plastic Medical Tape 2X Thermo survival blanket	<b>INFUSION AND INJECTION-I</b> 1X IV cannulae -all sizes 1X Adhesive tape (dynaplast) 1X Spirit swabs (alcohol preps), pkt 10 pcs 1X 3-way stopcock 1X Tourniquet (venous constricting band) 2X Syringes with needle 2mL, 5 ml, 10 ml 3X IV sets 1X Dry cotton ball, 10/pkt 1X Sharp container 1X Intraosseous device ( gun type) 1X Intraosseous needle size - 15mm,25mm	<b>INFUSION AND INJECTION-II</b> 5X 5mL sterile water for IV flush 2X 500ml Normal Saline 2X 500ml Normal Saline 1X 500 ml of Dextrose 10%	<b>DIAGNOSTIC AND MONITORING</b> 1X Monitor with BP, HR,RR, ECG, SpO2 with defibrillator 1X Glucometer and strips 1X Portable Pulse oximeter 1X Stethoscope 1X Pediatric BP Apparatus (digital or manual with cuff) 1X Thermometer (digital) 1X Pen torch light 1X Tongue depressor
<b>1X MEDICINE BOX</b>			
<b>B: SUCTION</b> 1X Suction Apparatus 1X Flexible suction catheter 1X Yankuer suction tube	<b>AIRWAY AND VENTILATION</b> 1X Bag-valve Mask (adult, child and neonate) 1X Oro-pharyngeal airways, set 1X Naso-pharyngeal airway, set 1X Nebulizer mask (adult and paed) 1X Non-rebreather mask (adult and paed) 1X Nasal cannula (adult and paed) 1X Laryngoscope with blade, mac-2, 4 1X Extra batteries for laryngoscope 1X Bougie and Stylet (adult and pediatric) 1X Endotracheal tube- cuffed (2 mm, 3 mm, 6.5 mm, 7.5 mm, 8mm) 1X Magill forceps, adult and pediatric 1X Laryngeal Mask Airway (size-1-4)		

## EMERGENCY DELIVERY KIT:

This kit contains sterile supplies which are required to conduct unexpected or emergency out of hospital deliveries.

Sl. #	Item (sterile)	Qty.
1	Drape towel, 50x50 cm	1
2	Gauze	10
3	Umbilical tape	2
4	Sterile scissor	1
5	Cord clamps	4

6	Syringe 5ml with needle	2
7	Spirit swabs (alcohol preps)	1
8	Gown (standard size)	1
9	Surgical mask	2
10	Oxytocin 5IU	2
11	IV cannulae (different sizes)	1 each
12	Adhesive tapes	1
13	Suction apparatus	1
14	Sterile gloves	2 pairs
15	Alcohol hand rub	1
16	Maternity hygiene under pad	2
17	Newborn receiving blanket	1
18	Plastic bag	1
19	Savlon solution 100 ml	1
20	Sharp container	1

### **MEDICINE BOX:**

The medicine box contains life saving drugs which shall be used by trained medical professionals along with advanced life support and trauma kits.

Sl. #	Item	Qty.
1	Inj. Adrenaline 1:1000	5 ampoules
2	Inj. Atropine 0.6 mg	2 ampoules
3	Inj. Diazepam 10mg/2ml	2 ampoules
4	Inj. Promethazine 25mg/ml	2 ampoules
5	Inj. Dexamethasone 4mg/mL	2 ampoules



6	Inj. Calcium Gluconate 2g	2 ampoules
7	Inj. Adenosine 6 mg/ml	4 ampoules
8	Inj. Verapamil 2.5mg/ml	2 ampoules
9	Inj. Hydrocortisone Sodium Succinate 50mg/ml	2 vials
10	Inj. Lignocaine 2% (preservative free)	1 vial
11	Inj. Ketamine 50mg/ml	1 vial
12	Inj. Fentanyl 50mcg/ml	2 ampoules
13	Inj. Succinylcholine 50mg/ml	1 vial
14	Inj. Tranexamic Acid 500mg/ml	2 ampoules
15	inj. Furosemide 10mg/ml	4 ampoules
16	Inj. MgSO <sub>4</sub> , 1gm/ml (50%)	5 ampoules
17	Inj. Naloxone, 0.4 mg	2 ampoules
18	Inj. Ondansetron, 4 mg	2 ampoules
19	inj. Paracetamol, 150mg /ml	2 ampoules
20	Inj. Tramadol, 50mg/ml	2 ampoules
21	inj. Esmolol, 10mg/ml	2 ampoules
22	inj. Labetolol, 10mg/ml	2 ampoules
23	inj. Oxytocin, 5IU/ml	2 ampoules
24	Inj. Ceftriaxone, 1gm	2 vials
25	inj. Noradrenaline, 1mg/ml	4 ampoules
26	Tab. Aspirin, 75mg	10
27	Tab. Isosorbite Dinitrate, 10mg	10
28	Tab. Clopidogrel, 75mg	10
29	Salbutamol solution ( Nebulizer)	1
30	Lidocaine jel	1
31	ECG gel	1

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