



# **Emergency Medicine List**

**Second edition**

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## Foreword

Pharmacotherapy has always been an integral part of health care system and will remain so in the future. It relies on the availability of safe, effective and affordable medicines with the required quality, quantity. Moreover, it requires, rational prescribing, dispensing and use of medicines. Emergency care is an essential part of the healthcare system. Around the world acutely ill and injured people die every day due to a lack of timely emergency care. Ethiopian is currently suffering from triple burdens, including communicable, non-communicable disease and injuries. Ethiopian health care system is struggling to respond for prior existing emergencies due to communicable disease with increasing burden of emergencies from non-communicable disease including cardiovascular disease and injury. For timely management of these emergencies availability of emergency medicine is a crucial component.

According to Ethiopian Food and Drug Proclamation No.1112/2019 article 4 sub-articles 8, medicines which are required for prevention, diagnosis, treatment, mitigation and rehabilitation of diseases affecting the Ethiopian people have to be selected and classified to respective levels of health service delivery by the Authority. The List of Medicines for Emergency Medical Service is revised in light of the above principle. It gives me a great pleasure to introduce the revised Emergency Medicine list to all beneficiaries, which is the fruit of the joint effort of the technical working group, development partners as well as the participants of the consultative and validation workshops. Hopefully the Emergency Medicines List will serve as guides to avail emergency medicine for treatment of time sensitive conditions in each healthcare facility.

Finally, I would like to express my gratitude to all those who have directly or indirectly extended their assistance in the preparation of the list. I also call upon health professionals and interested parties to continue their usual support in updating the list by forwarding comments and suggestions to the Food and Drug Authority of Ethiopia.

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## Abbreviations and Acronyms

EFDA	Ethiopian Food and Drug Authority
gm	gram
EmML	Emergency Medicine List
IU	International Unit
L	Liter
mcg	microgram
MDI	Metered Dose Inhalation
meq	mili equivalent
mg	mili gram
ml	mili Litter
mmol	mili Mole
MOH	Ministry of Health
TWG	Technical Working Group
V/V	Volume by Volume
W/V	Weight by Volume
WHO	World Health Organization

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## 1. Introduction

Emergency care addresses a wide-range of medical, surgical, and obstetric conditions, including injury, complications of pregnancy, exacerbations of non-communicable diseases (e.g., heart attacks, strokes), and acute infections (e.g., sepsis, malaria). World health assembly 72 resolutions 12.9 adopts Emergency care as an essential component of Universal Health Coverage. It defines emergency care as “an integrated platform for delivering accessible, quality, time-sensitive health care services for acute illness and injury across the life course”. The emergency care extends from care at the scene of illness or injury, through transport, emergency receiving area to early operative and critical care. It is considering a time sensitiveness of the disease not the physical space where the treatment is provided. A sound planning and organization are needed to decrease deaths and disabilities incurred from emergency conditions.

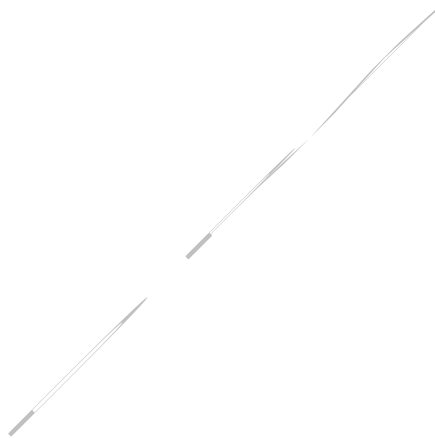
A recent study showed an increase of 6% in overall mortality due to emergency medical diseases from 1990-2015. In 2015 there were 28.3 million deaths due to emergency medicine diseases contributing to 50.75% of mortality and 41.5% of all burdens of diseases globally. The World Health Organization (WHO) Disease Control Priorities 3 project estimates that more than half of all deaths that occur in low-and-middle income countries (LMICs) each year could be prevented by organized pre-hospital and facility-based emergency care and could address 1,023 million disability adjusted life year. Ethiopia, as a LMIC, experiences substantial mortality, morbidity and cost due to acute medical and traumatic conditions. In Ethiopia non-communicable diseases like heart disease, stroke, and respiratory disease are increasing. Cardiovascular disease accounts for 24% of adult death, in postmortem examination of sudden deaths in Addis Ababa, 52% of the individuals died from natural causes and 48% died from injury-related events and 8% of emergency room visits in Ethiopia are related to trauma.

In Ethiopia due to rapid urbanization and population growth, the demand for pre-hospital and facility emergency care in all health sectors is rising. Medicines to be used for the emergency medicine condition are an integral part of the emergency medical system. There is a huge effort to improve emergency medical care including the improvement of drug availability. Despite all this effort, there is a significant gap in meeting the demands of the population in health facilities.



The first edition of emergency medicine list is revised based on the latest development in the fields of emergency care and pharmacy, increasing burden of communicable and non- communicable disease emergencies as well as based on recently developed regulatory standards set for some of healthcare facilities. This emergency medicine list is revised and prepared based on the three-tier system for different type of healthcare facilities as per the national healthcare facility regulatory standard.

The list of emergency medicine has been drafted by independent expert group; the technical working group basically started with defining 'what is emergency medicine' in line with emergency care definition of WHO, in addition desktop review was made to see different countries experience in classifying medicine as an emergency medicine list. Furthermore, the list was enriched through various consultative and validation workshops with concerned healthcare professionals, professional associations and governmental and non – governmental institutions. This emergency medicine list is expected to be revised based on technology advancement and new healthcare services development.



## 1.1. Guiding Principles

Emergency medicine list is prepared for the facilities that can provide emergency service based on their respective scope of practice. This emergency medicine list is prepared for health facilities to create optimum access to the needy, coupled with reducing irrational use of medicines. Furthermore, the medicines in the list should be administered to emergency patients only treated in the healthcare facilities, purchased from legal medicine retail outlet with a proper legal invoice. The quantity to be procured or stocked in the emergency should not exceed for handling of more than two patients at any one time, unless there is extraordinary situation. Either stocking excess amount or hoarding or handling of other medicines which is not included in this list is prohibited. In addition, each medicine administered to emergency patient should be registered in emergency medicine administration registration book.

Since different healthcare facilities demand different medication list, depending on their level of care and specific condition they treat, there is a need for specific drug list for different hospitals, centers, clinics and ambulance services. In addition, resuscitation medications or crash cart medicine shall be available at each level of care.

The medicine listed for different time sensitive emergency conditions shall be available as stated requirements in national healthcare regulatory standard. Facilities shall have only medicines listed to their level of care.

This emergency medicine list guide is not to suggest any specific treatment or therapeutic classification is not used and it is not exhaustive (Consumables are not included, does not cover contraindications and dosage alterations in special situations). Information about these areas should be obtained elsewhere. In addition, if one medicine from the group is listed in the document another medicine with the same group and form can replace the medicines except antibiotics and control medicine.

Users of this medicines list are advised to refer to the list which is relevant to the level of service they render. The list would be kept dynamic which takes into account changing priorities for public health

action as well as progress in emergency care and pharmaceutical sciences, this list will be subjected to periodic revision. Consequently, all users of this list are strongly invited to send their comments and suggestions to the Food and Drug Authority of Ethiopia, P.O. Box 5681, Tel. 251-11 552 41 22, website; [www.efda.gov.et](http://www.efda.gov.et), email [regulatory@fmhaca.gov.et](mailto:regulatory@fmhaca.gov.et) Addis Ababa, Ethiopia.

## 1.2. Scope

This emergency medicine list document is going to be used in emergency conditions at specific Healthcare facilities mentioned in this document. However, it does not indicate how to treat emergency conditions. It also aimed to serve as a regulatory tool for emergency medicines that shall be available in different healthcare facilities to assure quality, rational use and availability of these medicines based on their respective lists.

## 2. Definitions

1. **Ambulance service:** - Shall mean any initial medical care or service given an ill or injured patient in the vehicle before arriving to the appropriate receiving healthcare facility.
2. **Ambulance:** - Any public, privately governmentally or non-governmentally owned land vehicle especially constructed or modified and equipped, intended to be used and maintained or operated by, ambulance services for the transportation, upon the roads, streets and highways of the country, of individuals who are sick, injured, or otherwise incapacitated or helpless.
3. **Comprehensive Specialized Hospital:-** shall mean a health facility at tertiary level of healthcare which provides curative and rehabilitative services with a minimum capacity of 110 beds and provides at least gynecology and obstetrics, pediatrics, internal medicine, surgery, orthopedics, psychiatry, ophthalmology, ENT, dentistry, dermatology specialty services and emergency services that require advanced diagnostic facilities and therapeutic interventions and shall have a minimum of additional two sub-specialties. It shall also provide promotive and preventive services including medical laboratory, imaging and pharmacy services and other related services stated under this standard. In case of government owned comprehensive specialized hospitals, the minimum bed capacity shall be 300 beds with at least four sub-specialties services.
4. **Emergency care:** is an integrated platform to deliver time-sensitive health care services for acute illness and injury across the life course. It extends from care at the scene through transport and emergency unit care, and it ensures access to early operative and critical care when needed.
5. **Emergency Medicine:** are medicines used to handle time-sensitive emergency care at pre-facility and/or facility level for condition until stabilization.
6. **General Hospital:** - shall mean a health facility at secondary level of healthcare which provides promotive, preventive, curative and rehabilitative service that requires diagnostic facilities and therapeutic interventions with a minimum capacity of 50 beds and at least shall provide gynecology and obstetrics, pediatrics, internal medicine, surgery, psychiatry and emergency services. In addition, it shall provide laboratory, imaging and pharmacy services and other related services stated under this standard.
7. **Health center:** - shall mean a health facility at primary level of the healthcare system which provides promotive, preventive, curative and rehabilitative outpatient care including basic laboratory and pharmacy services with the capacity of 10 beds for emergency and delivery services.
8. **Medium Clinic:** - Shall mean the next level to primary level of the healthcare in ambulatory health service that provide mainly curative service and preventive and promotive services indicated in this standard.

9. **Nursing Home Healthcare:** - shall mean a health facility at primary healthcare level that focuses on the palliation of a terminally ill patient's symptoms. These symptoms can be physical, emotional, spiritual or social in nature.
10. **Primary hospital:-** shall mean a health facility at primary level of healthcare which provides promotive, preventive, curative and rehabilitative services with a minimum capacity of 35 beds and provides at least 24 hours emergency services, general medical services, treatment of basic acute and chronic medical problems, basic emergency surgical intervention and Comprehensive Emergency Obstetric Care (CEOC) including laboratory, imaging and pharmacy services and other related services stated under this standard.
11. **Primary Clinic:** - shall mean a health facility in the category of primary healthcare that provides curative, preventive and promotive services at ambulatory basis only as indicated in this standard.
12. **Specialty Center:** - shall mean a health facility which lies in secondary or tertiary level of health care system and provides a minimum of curative, preventive and promotion services in ambulatory & inpatient basis as stipulated in this standard. Depending on the type of service(s), the Specialty center shall have varied number of beds with a minimum of 10 beds for inpatient services per specialty. The center shall have 24-hour emergency service in its respective specialty.
13. **Specialty clinics:** - shall mean a specialized health care facility where promotive, preventive, curative and rehabilitative specialty health services are provided at ambulatory level together with diagnostic facilities appropriate to this level of care.

### 3. Healthcare Facility Based Emergency Medicines

#### 3.1. Hospitals and Health Center

##### 3.1.1. Compressive Specialized Hospital Emergency Medicine List

<b>GI. 000. GASTROINTESTINAL MEDICINES</b>		
<b>GI.100 Antulcer agents</b>		
1.	Cimetidine	Injection, 200mg/ml in 2ml ampoule
<b>GI.200. Medicines for Upper GI bleeding</b>		
1.	Octreotide	Injection, 50mcg/ml; 100mcg/ml
2.	Omeprazole	Powder for injection: 40 mg in vial
<b>GI.300. Antispasmodics/ Spasmolytics analgesics</b>		
1.	Hyoscine (Scopolamine) Butyl bromide	Injection, 20mg/ml Tablet, 10mg syrup, 5mg/5ml
2.	Hyoscine (Scopolamine) Hydrobromide	Injection, 0.4mg/ml, 0.6mg/ml in 1ml ampoule Tablet, 0.6mg
<b>GI.400. Antiemetics</b>		
1.	Metoclopramide Hydrochloride	Drops, 0.2mg/drop Injection, 5mg/ml, 5mg/2ml in 2ml ampoule Syrup, 5mg/5ml Tablet, 10mg
2.	Ondansetron	Injection, 2 mg/ml in 2 ml Oral liquid, 4 mg base/5 mL Tablet, 4 mg
<b>GI.500. Cathartics and Laxatives</b>		
1.	Bisacodyl	Suppository, 5mg, 10mg Tablet, 5mg, 10mg
2.	Lactulose	Enema, (300ml Lactulose + 700ml Water) Oral solution, 10g/15ml
<b>GI.600. Medicine used for Diarrhea management</b>		
1.	Oral Rehydration Salt	Powder, each sachet for 1 liter contains: <u>Gram/Liter mmol/L</u> Sodium 2.6 Sodium 75 Glucose Anhydrase 13.5Chloride 65 Potassium Chloride1.5Glucose Anhydrase 75 Trisodium Citrate Dehydrate 2 .9 Potassium 20 Citrate 10 Total Osmolarity = 245

2.	Rehydration Solution for Malnourished (ReSoMal)	Rehydration solution each sachet for 2 liter contains Glucose 125 Sodium 45 Potassium 40 Chloride 70 Total Osmolarity 294meq/L
3.	Zinc Sulphate*	Tablet (dispersible), 10mg, 20mg Oral liquid, 10mg/unit * In acute diarrhea zinc sulfate should be used as an adjunct to oral rehydration salts (co-packaged ORS/zinc)
<b>CV.000.CARDIOVASCULAR MEDICINES</b>		
<b>CV.100. Medicines for Heart Failure</b>		
1.	Captopril	Tablet, 12.5mg
2.	Dobutamine	Powder for Injection: 250mg
3.	Digoxin	Elixir, 0.05mg/ml Injection, 0.25 mg/ml in 2ml ampoule Tablet, 0.25mg
4.	Furosemide	Injection, 10 mg/ml in 2ml ampoule Oral liquid, 20 mg/5ml Tablet, 20mg, 40 mg
5.	Norepinephrine	Injection, 1mg/1ml
6.	Nitroglycerine	Injection, 5mg/ml
7.	Metoprolol succinate	Tablet, 25mg, 50mg, 100mg
8.	Sodium Nitroprusside	Powder for Injection: 50mg
<b>CV.200 Antiarrhythmics</b>		
1.	Adenosine	Injection, 3mg/ml
2.	Amiodarone	Tablet, 100mg, 200mg, 400mg Injection, 50mg/ml
3.	Atropine	Injection, 0.1mg/ml, 1mg/ml
4.	Digoxin	Elixir, 0.05mg/ml Injection, 0.25 mg/ml in 2ml ampoule Tablet, 0.25m
5.	Esmolol Hydrochloride	Injection: 10mg/ml
6.	Lidocaine Hydrochloride	Injection, 5mg/ml, 10mg/ml, 20mg/ml in 20ml via
7.	Metoprolol	Injection, 1mg/ml, 5mg/ml Tablet, 25mg, 50mg
<b>CV.300 Antihypertensive</b>		
1.	Diltiazem	Injection: 25mg/5 ml
2.	Nifedipine	Tablet, 20mg, 40mg
3.	Hydralazine	Injection, 20mg/ml in 1ml ampoule



4.	Labetalol	Injection, 5mg/ml, 100mg/20ml
5.	Metoprolol succinate	Tablet, 25mg, 50mg
6.	Sodium Nitroprusside	Powder for Injection: 50mg
<b>CV.400. Diuretics</b>		
1.	Furosemide	Injection, 10mg/ml in 2ml ampoule Tablet, 40mg Oral liquid, 20 mg/5ml
2.	Mannitol	Injection, 10%, 20%
<b>CV.500. Medicines used for Angina/Ischemic Heart Disease</b>		
1.	Metoprolol → its salt	Tablet(succinate) , 25mg, 50mg Injection (tartarate), 1mg/ml,5mg/ml
2.	Glyceryl Trinitrate (Nitroglycerine)*	Tablet (sublingual), 0.3mg, 0.5mg Tablet (Sustained release), 2.5mg Spray, 400mcg/spray*
<b>CV.600. Medicine used for vascular shock</b>		
1.	Adrenaline (Epinephrine)	Injection: 1 mg (as hydrochloride or hydrogen tartrate) in 1- mL ampoule. Injection: 100 micrograms/ mL (as acid tartrate or hydrochloride) in 10- mL ampoule
2.	Dopamine Hydrochloride	Injection, 40mg/ml
3.	Noradrenaline	Injection, 1mg/ml (4ml ampoule)
<b>CV.700. Antilipedemic Agents</b>		
1.	Atrovastatin*	Tablet, 20mg, 40mg,80mg
<b>CV.800. Antiplatelet</b>		
1.	Acetylsalicylic acid	Tablet, 75mg, 81 mg, 100 mg, 300mg enteric coated
2.	Clopidogrel	Tablet, 75mg
<b>CV.900. Thrombolytic Agents</b>		
1.	Alteplase	Powder for injection: 10 mg; 20 mg; 50 mg in vial
2.	Streptokinase	Powder for injection: 1.5 million IU in vial
<b>RE.000. RESPIRATORY MEDICINES</b>		
<b>RE.100. Anti-asthmatic medicines and medicines for chronic obstructive pulmonary disease</b>		
1.	Aminophylline	Injection, 250mg/10ml in 10ml
2.	Budesonide + formoterol	Dry powder inhaler: 80 mcg + 4.5 mcg; 160 mcg + 4.5 mcg; 320 mcg + 9mcg
3.	Ipratropium bromide	Aerosol, 20mcg/metered dose , 40mcg/metered dose inhalation
4.	Salbutamol	Syrup, 2mg/5ml Oral Inhalation (aerosol), 0.1 mg/dose
5.	Hydrocortisone Succinate	Injection: 40mg/ml, 80mg/2ml
<b>RE.200. Medicine for Apnea of prematurity</b>		

1.	Caffeine citrate	Injection: 20 mg/ mL (equivalent to 10 mg caffeine base/ mL). Oral liquid: 20 mg/ mL (equivalent to 10 mg caffeine base/ mL).
<b>AI. 000.ANTI-INFECTIVES</b>		
<b>AI. 100.Antibacterials</b>		
<b>AI.101. Penicillines</b>		
1.	Ampicillin (Access)	Injection (Sodium), 250mg, 500mg, 1g in vial
2.	Cloxacillin (Access)	Capsule, 250mg, 500mg Injection, 250mg, 500mg in vial Suspension, 125mg/5ml, 250mg/5ml
<b>AI.102. Cephalosporins</b>		
1.	Ceftriaxone (Watch)	Injection, 0.25g, 0.5g, 1g in vial
<b>AI.103. Macrolides</b>		
1.	Azithromycin (access)	Powder for oral suspension, 200mg/ml Tablet or Capsule, 250mg, 500mg
<b>AI.104. Aminoglycosides</b>		
1.	Gentamicin (Access)	Injection, 20mg/2ml,80mg/2ml
<b>AI.105. Miscellaneous</b>		
1.	Metronidazole (Access)	Intravenous Infusion, 5mg/ml in 100ml Tablet/Capsule, 250mg, 500mg Oral liquid, 125mg (benzoate)/5ml Suppository: 500mg, 1gm
<b>AI. 200.AntiprotozoalsAnti-malarial medicines</b>		
1.	Artesunate	Injection 60mg/ml
<b>AI.300. Other Antivirals</b>		
1.	Acyclovir	Capsule/Tablet, 200mg, 400mg Oral liquid 200mg/5ml Powder for Injection, 250mg, 500mg
<b>NS.000 CENTRAL NERVOUS SYSTEM MEDICINES</b>		
<b>NS.100 Pain Management and Palliative care</b>		
1.	Acetaminophen	Drops, 100mg/ml Injection, 1gm in 100ml Syrup, 120mg/5ml, 250mg/5ml Suppository, 125 mg, 250 mg Tablet,100mg, 500mg
2.	Acetylsalicylic Acid	Tablet,300mg, (enteric coated)
3.	Diclofenac	Injection, 25mg/ml in 3ml ampoule, 75mg/ml Suppository 12.5mg, 25 mg, 50mg, 100mg Tablet, 25mg, 50mg Gel, 1% w/w

4.	Ibuprofen	Syrup/suspension, 100mg/5ml Capsule/Tablet, 400mg
5.	Fentanyl	Injection, 50mg/ ml Patch, 2.1mg, 4.2mg
6.	Morphine	Injection, 10mg/ml Oral Solution, 10mg/5ml Tablet, 10mg, 30mg
7.	Pethidine	Injection, 50mg/ml in 1ml and 2ml ampoule
8.	Gabapentin	Tablet, 150mg, 300mg
9.	Tramadol hydrochloride	Injection, 50mg/ml Tablet/Capsule, 50mg, 100mg
<b>NS.200. Antimigraine medicine</b>		
1.	Acetylsalicylic Acid	Tablet, 300mg to 500mg
2.	Ibuprofen	Tablet, 200mg, 400mg
3.	Paracetamol	Tablet, 500mg
<b>NS.300 Hypnotics and Anxiolytics</b>		
1.	Diazepam	Injection, 5mg/ml in 2ml ampoule Syrup, 2mg/5ml Tablet, 2mg, 5mg, 10mg
2.	Midazolam hydrochloride	Injection, 1mg/ml, 2mg/ml, 5mg/ml Syrup, 2mg/ml Tablet, 10mg
<b>NS.400. Anticonvulsants</b>		
1.	Diazepam	Injection, 10mg/2ml in 2ml ampoule
2.	Levetiracetam	Injection: 500mg
3.	Phenytoin (Sodium salt)	Capsule, 50mg, 100mg Injection, 50mg/ml in 5ml vial Powder for injection, 250mg/ vial Tablet, 50mg, 100mg
4.	Phenobarbitone(Phenobarbital)	Elixir, 20mg/5ml Injection, 25mg/ml, 100mg/ml Tablet, 15mg, 30mg, 60mg, 100 mg
5.	Phosphoryloin	Injection: 75mg/ml,
6.	Sodium Valproate	Tablet, 200mg, 500mg Syrup, 200mg/5ml
<b>NS. 500. Antipsychotic medicines</b>		
1.	Chlorpromazine Hydrochloride	Injection, 25mg/ml Tablet, 25mg, 50mg, 100mg
2.	Haloperidol	Injection, 5mg/ml Injection (Depot oily), 50mg/ml, 100mg/ml

		Tablet, 1mg,2mg, 5mg
<b>NS 600 Subarachnoid Hemorrhage</b>		
1.	Nimodipine	Injection, 1mg/5ml
<b>AA. 000.MEDICINES USED IN ANESTHESIA</b>		
<b>AA.100. General Anesthetics</b>		
1.	Etomidate	Injection, 20 mg/ml in 10m & 20ml ampoule
2.	Ketamine	Injection, 10 mg/ml in 20ml, 50mg/ml
3.	Propofol	Injection (emulsion), 10mg/ml in 20ml
4.	Fentanyl	Injection, 50mg/ ml
5.	Thiopental Sodium	Powder for injection, 0.5gm, 1gm in vial
<b>AA.200. Local Anesthetics</b>		
1.	Bupivacaine	Injection: 0.25%; 0.5% (hydrochloride) in vial. Injection for spinal anesthesia: 0.5% (hydrochloride) in 4- mL ampoule to be mixed with 7.5% glucose solution
2.	Lidocaine Hydrochloride	Injection, 0.5%, 1%, 2%, 5% Jelly, 2% in 30 ml Ointment, 5% in 10gm Spray, 2%, 4%, 10 % in 80g Injection for spinal anesthesia: 5% (hydrochloride) in 2- mL ampoule to be mixed with 7.5% glucose solution
3.	Lidocaine Hydrochloride + Adrenaline	Injection, 1% + 1:200, 000 in 20ml vial Injection, 2%+1:200,000 in 20ml vials
4.	Procainamide Hydrochloride	Injection:100mg/ml
<b>AA.300. Anesthetics Adjuncts and Adjuvants</b>		
1.	Atropine sulphate	Injection, 1mg/ml
2.	Oxygen	Inhalation (Medicinal gas)
<b>AA. 400.Neuromuscular blockers</b>		
1.	Suxamethonium Chloride (Succinylcholine)	Powder for injection, 50mg, 100mg, 500mg Injection, 50mg/ml
2.	Dantrolene	Injection: 20 mg/ml Capsule: 25mg, 50mg
3.	Vecuronium Bromide	Powder for injection, 10mg in a vial
<b>MS.000.MEDICINES USED IN MUSKULOSKELETAL AND JOINT DISEASE</b>		
<b>MS.100.Medicines used for Gout</b>		
1.	Indomethacin	Capsule, 25mg, 50mg, 75mg
2.	Ibuprofen	Capsule, 300mg Syrup, 100mg/5ml Tablet, 200mg, 400mg (e/c optional)
<b>VT.000.VITAMINS and MINERALS</b>		

1.	Phytomenadione (Vitamin K1)	Injection, 1mg/0.5ml, 10mg/ml in 1ml ampoule Tablet, 10mg
2.	Pyridoxine	Tablet: 25 mg, 50 mg, 100 mg, 250 mg
3.	Thiamine IV	Injection 100mg/ml
<b>AL.000.ANTHISTAMINES</b>		
<b>AL.100.Medicines used in Allergy</b>		
1.	Chlorpheniramine malate	Tablet, 2mg, 4mg, 6mg Syrup, 2mg/5ml
<b>AL.200.Medicines used in Allergic Emergencies</b>		
1.	Adrenaline (Epinephrine)	Injection, 0.1% in 1ml ampoule, 1:1000 1mg/ml
2.	Dexamethasone	Injection, 4mg/ml
3.	Hydrocortisone (Sodium Succinate)	Injection, 50mg/ml
4.	Cyproheptadine Hydrochloride	Syrup: 2mg/5ml, Tablet: 4mg, 10mg
<b>ED.000.MEDICINES USED IN ENDOCRINE DISORDER AND CONTRACEPTIVES</b>		
<b>ED.100.Corticosteroids Preparation</b>		
1.	Dexamethasone	Tablet ,0.5mg, 0.75mg, 1mg, 2mg, 4mg Injection, 4mg/ml, 25mg/ml, 50mg/ml
2.	Hydrocortisone	Injection (Sodium Succinate), 50mg/ml in 2ml ampoule, 125 mg/ml Tablet (Acetate), 5mg, 10mg, 20mg
3.	Methylprednisolone Acetate	Injection (aqueous suspension), 40mg/ml, 80mg/ml in 1ml and 2ml ampoules
<b>ED.200. Thyroid Hormone and Anti-thyroid Agents</b>		
1.	Aqueous Iodine Solution (Iodine + Potassium Iodide)	Solution, 5% + 10%
2.	PropylThiouracil(PTU)	Tablet, 25mg, 50mg, 100mg
3.	Methimazole	Tablet: 5mg, 10mg
4.	Propranolol	Tablet, 20mg, 40mg
<b>ED.300. Hypothyroidismes</b>		
1.	Levothyroxine	Tablet, 0.025mg, 0.05mg, 0.1 mg
2.	Liothyronine	Injection: 10mcg/ml
<b>ED.400. Drugs used for management of Blood Sugar</b>		
1.	Glucagon	Injection, 1mg/ml
2.	Insulin	Injection (Soluble /Natural), 100 units/ml in 10ml vial, NPH ,100 units/ml in 10ml vial
<b>OG. 000.OBSTETRICS AND GYNECOLOGICAL MEDICATIONS</b>		
1.	Anti-Rho (D) human Immunoglobulin	Injection: 300mcg

2.	Carbetocine	Injection: 100mg
3.	Ergometrin	Injection, 0.2mg/ml
4.	Magnesium sulphate	Injection, 50% in 20ml
5.	Misoprostol	Vaginal tablet : 0.025mg
6.	Misoprostol + Mifeprostone	Tablet, 200mcg + 200mg
7.	Navidoxine	Tablet:25mg
8.	Pethidine Hydrochloride	Injection, 50mg/ml
9.	Oxytocin	Injection, 10unit/ml
10.	Nifedipine	Tablet, 10 mg.
11.	Tranexamic acid	Injection: 100mg/ml in 10ml ampule
12.	Caffeine citrate	Injection: 20 mg/ mL
13.	Tetracycline,	Eye ointment: 1%
<b>BL.000. BLOOD PRODUCTS AND MEDICINES AFFECTING THE BLOOD</b>		
<b>BL.100. Anticoagulants</b>		
1.	Heparin (unfractionated heparine)	Injection: 1,000U/ml, 5,000U/ml, 10,000U/ml 12,500U/ml, 25,000U/ml
2.	Enoxaparin	Injection: 20mg/0.2ml, 40mg/0.4ml, 60mg/0.6ml
<b>BL.200. Hemostatic Agents</b>		
1.	Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml in 1ml ampoule
<b>BL.300. Antihemophilic agent</b>		
1.	Desmopressin	Injection: 4 micrograms/ mL (as acetate) in 1- mL ampoule. Nasal spray: 10 micrograms (as acetate) per dose
2.	Coagulation factor VIII	Powder for injection: 500 IU/vial
3.	Coagulation factor IX	Powder for injection: 500 IU/vial, 1000 IU/vial
<b>BL.400. Antiplatelet</b>		
1.	Acetylsalicylic Acid	Tablet: 75mg, 81mg, 100mg (enteric coated)
2.	Clopidogrel	Tablet: 75mg, 100mg
*Any ferrous salts containing elemental form accepted therapeutic value		
<b>FE. 000.MEDICINES USED FOR CORRECTING FLUID, ELECTROLYTE AND ACID BASE BALANCE</b>		
<b>FE.100. Oral</b>		
1.	Calcium chloride	Injection: 100mg/ml
2.	Oral Rehydration Salt Powder, each sachet for 1 liter contains: <u>Gram/Liter mmol/L</u>	
	• Sodium chloride = 2.6	Sodium = 75
	• Glucose anhydrase= 13.5	Chloride = 65
	• Potassium chloride = 1.5	Glucose anhydrase = 75
	• Trisodium citrate dehydrate= 2.9	Potassium= 20
		Citrate = 10

	Total osmolarity = 245	
3.	ReSoMaleach sachet for 2 liters	
	Glucose	125
	Sodium	45
	Potassium	40
	Chloride	70
	Total Osmolality	294mEq/liter
4.	Potassium Chloride	Tablet: 600mg,
5.	Sodium Bicarbonate	Tablet: 500mg,
<b>FE.200. Parenterals</b>		
1.	Calcium Gluconate	Injection: 10% in 10ml ampoule
2.	Dextrose	Injection, 5% in 250ml, 1000ml; 10% in 500ml, 1000ml; 40% in 20ml
3.	Dextrose in Normal Saline	Injection 5% in 500ml, 1000ml; 10% in 500ml, 1000ml
4.	Lactated Ringer's (Hartmann's Solution)	Injectable solution: $K^+4mEq + Na^+ 130mEq + Ca^+, 3mEq + Cl^- 110mEq + Lactate 28mEq$ in 1000ml
5.	Potassium Chloride	Injection, 150mg/ml in 10ml ampoule
6.	Sodium Bicarbonate	Injection (concentrated), 8.4% (50meq/50ml)
7.	Sodium Chloride	Injection, 0.9% (Normal Saline), 1000ml; 0.9% in 500ml, 3% in 500ml; 0.45% sodium chloride (equivalent to $Na^+ 75 \text{ mmol/L}$ and $Cl^- 75 \text{ mmol/L}$ ).
<b>OP.000.OPHTHALMIC AGENTS</b>		
<b>OP.100.Anti-glaucoma Agents</b>		
1.	Acetazolamide	Tablet: 250mg
<b>OP.200. Mydriatics/ Cycloplegics</b>		
1.	Atropine Sulphate	Eye drops: 1%
2.	Tropicamide	Eye drops: 1%
3.	Tetracaine	Eye drop, 0.5%
<b>EN.000 EAR, NOSE AND THROAT PREPARATIONS</b>		
1.	Hydrogen Peroxide	Solution: 3%
<b>DE.000 DERMATOLOGICAL AGENTS</b>		
<b>DE.100 Anti-infectives, Topical</b>		
1.	Fusidic Acid	Cream: 2% Ointment: 2%
2.	Nitrofurazone	Ointment: 30gm, 45gm
<b>SI. 000. SERA AND IMMUNOGLOBULIN</b>		
1.	Anti-Rho (D) human Immunoglobulin	Injection: 300mcg

2.	Anti-tetanus human immunoglobulin	Injection: 250IU/ml in vial.
3.	Tetanus Antitoxin, Equine	Injection: 1,500IU
4.	Hepatitis B immunoglobulin	100IU/mL
5.	IVIG (intravenous immunoglobulin therapy)	Injection: 10% (0.1g/ml), 50ml, 100ml, 200ml, 400ml
<b>AN.000 ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING</b>		
1.	Acetylcysteine	Injection: 200mg/ml in 10ml ampoule
2.	Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
3.	Calcium Gluconate	Injection: 10% in 10ml ampoule
4.	Deferoxamine Mesylate	Powder for injection: 500mg in vial
5.	Digoxin Immune (Fab Ovine) Digoxin-specific, antibody fragments	Powder for injection: 40mg
6.	Flumazenil	Injection: 0.5 mg/5 mL in ampoule
7.	Lipid emulsion	Injection: 20% (200 to 500mL)
8.	Phytomenadione (Vitamin K1)	Injection, 1mg/0.5ml, 10mg/ml in 1ml ampoule Tablet, 10mg
9.	Physostigmine	Injection: 1mg/ml
10.	Naloxone hydrochloride	Injection: 0.4mg in 1ml ampule
11.	Pralidoxime Chloride	Powder for injection: 1000mg/vial Tablet: 500mg
12.	Protamine sulphate	Injection: 10mg/ml in 5ml ampoule; 250mg (10mg/ml), 25ml
13.	Snake Venom Antiserum Polyvalent	Injection: 10ml
14.	Sugammadex	Injection: 100mg/ml
<b>MI.000 MISCELLANEOUS</b>		
1.	Water for Injection	In 2ml, 5ml, 10ml vial



### 3.1.2. General Hospital Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Drops: 100mg/ml Injection: 1gm in 100ml Suppository, 125 mg, 250 mg Syrup, 100mg Tablet: 500mg
Acetazolamide	Tablet: 250mg,500mg
Acetylsalicylic acid	Tablet: 81mg, 100mg, 300mg
Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
Acyclovir	Powder for Injection: 250mg, 500mg Capsule/Tablet: 200mg, 400mg
Adenosine	Injection: 3mg/ml in 2ml
Adrenaline	Injection: 1mg/ml or 1:1000
Aminophylline	Injection: 250mg/10ml
Amiodarone	Injection: 50mg /ml
Ampicillin	Injection: 250mg, 500mg, 1g
Anti-Rho (D) human Immunoglobulin	Injection: 300mcg
Anti-tetanus human immunoglobulin	Injection: 250IU/ml, 500 IU.
Artesunate	Injection 60mg/ml
Atorvastatin	Tablet: 40 mg
Atropine Sulphate	Eye drops: 1% Injection: 1mg/ml
Azithromycin	Tablet: 500mg
Bisacodyl	Tablet: 5mg, Suppository 5mg
Bupivacaine Hydrochloride	Injection: 0.25%, 0.5%. Injection for spinal anesthesia: 0.5% in 4- mL
Caffeine Citrate	Injection: 20 mg/ mL
Calcium gluconate	Injection: 10%
Captopril	Tablet: 12.5mg, 25mg
Ceftriaxone	Powder Injection: 1gm
Cefazolin	Injection: 1gm
Chlorpheniramine	Syrup, 2mg/5ml
Chlorpromazine Hydrochloride	Injection: 25mg/ml Tablet: 100mg
Cimetidine	Injection: 200mg/ml
Clopidogrel	Tablet: 75mg
Cloxacillin	Injection: 250mg, 500mg
Coagulation factor IX	Powder for Injection: 500 IU/, 1000 IU/
Coagulation factor VIII	Powder for Injection: 500 IU/
Dantrolene	Injection: 20 mg/ml powder

Name of Medicine	Dosage form and strength
	Capsule, 25mg, 50mg
Desmopressin	Injection: 4 micrograms/ mL (as acetate) Nasal spray: 10 micrograms (as acetate) per dose
Dexamethasone	Injection:4mg/ml, 8mg/ml Eye drops Suspension: 0.1%
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml, 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml, 75mg/ml
Digoxin Immune (Fab Ovine) Digoxin-specific, antibody fragments	Powder for Injection: 40mg
Digoxin	Injection: 0.25 mg/ml
Diltiazem	Injection: 25mg/5 ml
Dobutamine	Powder for Injection: 250mg
Dopamine	Injection: 40mg/ml
Ergometrine	Injection: 0.2mg/ml Tablet: 2mg
Esmolol Hydrochloride	Injectable Solution, 10mg/ml
Etomidate	Injection: 20 mg/ml in 10m & 20ml
Fentanyl	Injection: 50cg/ ml
Flumazenil	Injection: 0.5 mg/5 mL
Furosemide	Injection: 10 mg/ml
Fusidic Acid	Cream: 2% Ointment: 2%
Gentamicin	Injection: 20mg/2ml, 80mg/2ml
Glucagon	Injection 1mg/ml
Haloperidol	Injection: 5mg/ml Injection: 50mg/ml, 100mg/ml
Heparin	Injection 5000IU/M
Hepatitis B immunoglobulin	Injection:100IU/mL
Human Ant rabies Immunoglobulin	Injection: 150 IU/ml in 2ml
Hydralazine	Injection: 20mg/ml
Hydrocortisone	Injection: 100mg, 200mg
Hydrogen Peroxide	Solution:3%
Hypertonic Saline	Injection:3%,
Ibuprofen	Injection10mg/ml,100mg/ml, Suspension:100mg/ml Tablet: 200mg,400mg
Insulin Soluble	Injection: 100IU/ml
Iodine + Potassium Iodide (Lugol's Solution)	Solution, 5%+ 10%

Name of Medicine	Dosage form and strength
Ipratropium bromide	Aerosol: 20mcg/MD, 40mcg/MD inhalation
IVIg (intravenous immunoglobulin therapy)	Injection: 10% (0.1g/ml), 50ml, 100ml, 200ml, 400ml
Ketamine	Injection 50mg,
Labetalol	Injection: 5mg/ml,
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lactulose	Oral Solution, 10g/15ml
Levetiracetam	Injection:500mg
Levothyroxine	Injection: 100mcg/ Tablet: 100mcg, 50mcg
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Jelly: 2% in 30 ml Ointment: 5% in 10gm Spray: 2%, 4%, 10 % in 80g Injection for spinal anesthesia: 5% (hydrochloride) in 2- mL to be mixed with 7.5% glucose Solution
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000, 2%+1:200,000 s
Lidocaine hydrochloride (Cardiac)	Injection 5mg/ml,10mg/ml, 20mg/ml
Lipid emulsion	Injection: 20% (200 to 500mL)
Magnesium Sulphate	Injection: 50%, 10%,
Mannitol	Injection 20%, 500ml, 100g
Methimazole	Tablet: 5mg, 10mg
Methyl prednisolone	Injection: 40mg/ml,80mg/ml
Metoclopramide Hydrochloride	Drops: 0.2mg/drop Injection: 5mg/ml, 5mg/2ml
Metoprolol	Tablet: 25mg, 50mg, Injection: 1mg/ml, 5mg/ml
Metronidazole	Intravenous Infusion: 5mg/ml in 100ml
Midazolam	Injection: 1mg/ml, 5mg/ml
Misoprostol	Tablet: 25mcg
Misoprostol + Mifepristone	Tablet: 200mcg + 200mg
Morphine Sulphate	Injection:10 mg/ml Oral Solution, 10mg/5ml
N-Acetylcysteine	Injection: 200mg/ml
Naloxone hydrochloride	Injection: 0.4mg
Nifedipine	Tablet: 20mg, 40mg
Nimodipine	Tablet: 30 mg
Nitrofurazone	Ointment: 30gm, 45gm
Nitroglycerine	Tablet: Sublingual: 400 mcg Infusion: 0.1mg/ml, 0.2mg/ml, 0.4mg/ml Injection: 5mg/mg
Noradrenaline	Injection: 1mg/ml

Name of Medicine	Dosage form and strength
Octreotide	Injection: 50mcg/ml: 100mcg/ml
Omeprazole	Powder for Injection: 40 mg
Ondansetron	Injection: 2 mg/ml
Oral Rehydration Salt	Contain: Sodium 2.6, Sodium 75, Glucose Anhydrase 13.5, Glucose Anhydrase 75, Potassium Chloride 1.5, Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2.9, Citrate 10, Total Osmolarity = 245
Oxytocin	Injection: 10unit/ml
Pethidine Hydrochloride	Injection: 50mg/ml
Phenobarbitone (Phenobarbital)	Injection: 25mg/ml, 100mg/ml, Tablet: 30mg
Phenylephrine	Injection: 10mg/ml
Phenytoin	Injection 50mg/ml, 1000mg Tablet: 50mg, 100mg
Physostigmine	Injection: 1mg/ml
Phytomenadione (Vitamin K)	Injection: 1mg/0.5ml, 10mg/ml
Potassium chloride	Infusion: 20meq
Pralidoxime Chloride	Powder for Injection: 1000mg Tablet: 500mg
Procainamide Hydrochloride	Injection: 100mg/ml
Propofol	Injection: 10mg/ml
Propranolol	Tablet: 40mg
Propylthiouracil	Tablet: 50mg, 100mg
Protamine Sulphate	Injection: 10mg/ml in 5ml: 250mg (10mg/ml), 25ml
Pyridoxine	Tablet: 25mg, 50mg
Rehydration Solution for Malnourished	contains: Glucose 125, Sodium 45, Potassium 40, Chloride 70, Total Osmolarity=294meq/L
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose, 2mg/5ml nebulizer
Snake Venom Antiserum Polyvalent	Injection: 10ml
Sodium Bicarbonate	Injection (concentrated), 7.5% (40mEq/50ml in 50ml: 8.4%(50meq/50ml) Injection (concentrated), 8.4% (50meq/50ml)
Sodium Chloride	Injection: 0.9% 1000ml: 0.9% in 500ml, 0.45% sodium chloride (equivalent to Na <sup>+</sup> 75 mmol/L and Cl <sup>-</sup> 75 mmol/L).
Sodium Nitroprusside	Powder for Injection: 50mg
Sodium Valproate	Injection: 100mg/ml, Syrup, 200mg/5ml Tablet: 200mg, 500mg
Suxamethonium Chloride	Powder for Injection: 50mg, 100mg, 500mg Injection: 50mg/ml
Tetanus toxoid	Injection: 40mg/ml

Name of Medicine	Dosage form and strength
Tetanus Antitoxin, Equine	Injection: 1,500IU
Tetracycline	Eye ointment: 1%
Thiamine	Injection 100mg/ml
Thiopental	Injection:500mg/ml,1000mg/ml Injection: Powder 50mg
Tramadol hydrochloride	Injection: 50mg/ml
Tranexamic acid	Injection: 100mg/ml, 10ml
Tropicamide	Eye drops: 1%
Vecuronium Bromide	Powder for Injection: 10mg in a
Water for Injection	Sterile water for Injection:5ml, 10ml 5ml,10ml
Zinc Sulphate	Oral liquid: 10mg/unit Tablet: 10mg,20mg

### 3.1.3. Primary Hospital Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Drops: 100mg/ml, Injection: 1gm in 100ml, Suppository, 125 mg, 250 mg Tablet: 500mg,
Acetylsalicylic acid	Tablet: 81mg, 100mg, 300mg
Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Ampicillin	Injection (Sodium), 250mg, 500mg, 1g
Aminophylline	Infusion:250mg
Artesunate	Injection: 60mg/ml
Atropine Sulfate	Eye drops: 1% Injection: 1mg/ml, 100mg/ml
Calcium gluconate	Injection: 10%
Cefazolin	Injection: 1gm
Ceftriaxone	Injection: 1gm
Chlorpheniramine	Syrup: 2mg/5ml
Chlorpromazine Hydrochloride	Injection: 25mg/ml
Cimetidine	Injection: 200mg/ml
Dexamethasone	Eye drops Suspension: 0.1% Injection:4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml: 10% in 500ml, 1000ml
Dextrose in water	Injection: 5% in 1000ml,40%,
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml, 75mg/ml
Digoxin	Injection: 0.25mg/ml in 2ml
Dopamine	Injection: 40mg/ml
Ergometrine	Injection: 0.2mg/ml
Furosemide	Injection: 10 mg/ml
Gentamicin	Injection: 20mg/2ml,80mg/2ml
Haloperidol	Injection: 5mg/ml, Injection (injection), 50mg/ml, 100mg/ml
Heparin	Injection: 5000IU/M
Hydralazine	Injection: 20mg/ml
Hydrocortisone	Injection: 100mg, 200mg
Insulin Soluble	Injection: SC, IV 100IU/ml
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl- 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5%, Ointment: 5% in 10gm, Spray: 2%, 4%, 10 % in 80g, Injection for spinal anesthesia: 5% in 2- mL
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000
Magnesium Sulphate	Injection: 10%,
Mannitol	Injection: 20%, 100g/500ml
Metoclopramide Hydrochloride	Drops: 0.2mg/drop, Injection: 5mg/ml, 5mg/2ml.
Metronidazole	Infusion: 5mg/ml in 100ml

Name of Medicine	Dosage form and strength
Misoprostol	Tablet: 25mcg
Misoprostol + Mifepristone	Tablet: 200mcg + 200mg
Morphine Sulphate	Injection:10 mg/ml
Naloxone hydrochloride	Injection: 0.4mg
Nifedipine	Tablet: 10 mg., 20mg.
Nitrofurazone	Ointment: 30gm, 45gm
Nitroglycerine	Tablet: Sublingual: 400 mcg
Noradrenaline	Injection: 2mg/ml
Oral Rehydration Salt	Powder: each sachet for 1 liter contains: Gram/Liter mmol/L, Sodium 2.6, Sodium 75, Glucose Anhydrase 13.5, Glucose Anhydrase 75, Potassium Chloride 1.5, Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2.9, Citrate 10, Total Osmolarity = 245Meq/L
Oxytocin	Injection: 10unit/ml
Phenobarbitone (Phenobarbital)	Injection: 25mg/ml, 100mg/ml
Phenytoin	Injection 50mg/ml, 1000mg, Tablet: 50mg, 100mg
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Potassium chloride	Infusion: 20meq
Rehydration Solution for Malnourished	Rehydration Solution for malnourished each sachet for 2 liter contains: Glucose 125, Sodium 45, Potassium 40, Chloride 70, Total Osmolarity =294meq/L
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose, Syrup, 2mg/5ml nebulizer
Snake Venom Antiserum Polyvalent	Injection: 10ml
Sodium Chloride	Injection: 0.9% 1000ml: 500ml:
Tetanus toxoid	Injection: 40mg/ml
Tetracycline	Eye ointment: 1%
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml
Zinc Sulphate	Tablet: 10mg, 20mg Oral liquid: 10mg/unit,

### 3.1.4. Health Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Drop: 100mg/ml, Syrup, 120mg/5ml, 250mg/5ml Suppository, 125 mg, 250 mg Tablet: 500mg
Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Ampicillin	Injection: 500mg
Atropine Sulphate	eye drop: 1% Injection: 1mg/ml in 1 ml
Calcium gluconate	Injection: 10%
Chlorpheniramine	Syrup: 2mg/5ml
Ceftriaxone	Injection: 1mg
Cimetidine	Injection: 200mg/ml
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:10% in 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml, 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml,
Dopamine	Injection: 40mg/ml
Ergometrine	Injection: 0.2mg/ml
Gentamycin	Injection: 40mg/2ml, 80mg/2ml
Hydrocortisone	Injection: 100mg/2ml, 200mg/2ml
Hydrogen Peroxide	Solution: 3%
Ibuprofen	Injection: 10mg/ml, 100mg/ml, Suspension: 100mg/ml, Tablet: 200mg, 400mg
Insulin Soluble	Injection: SC, IV 100IU/ml
Lactated Ringer's	Injectable: $K^+$ 4mEq + $Na^+$ 130mEq + $Ca^{+}$ , 3mEq + $Cl^{-}$ 110mEq + Lactate 28mEq in 1000ml, 500ml
Lidocaine Hydrochloride	Jelly: 2% in 30 ml Injection: 0.5%, 1%, 2%, 5%, Injection for spinal anesthesia: 5% (hydrochloride) in 2- mL to be mixed with 7.5% glucose Solution Ointment: 5% in 10gm, Spray: 2%, 4%, 10 % in 80g,
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000
Magnesium Sulphate	Injection 10%,
Metoclopramide Hydrochloride	Drops: 0.2mg/drop, Injection: 5mg/ml, 5mg/2ml
Misoprostol	Tablet: 25mcg



Name of Medicine	Dosage form and strength
Misoprostol + Mifepristone	Tablet: 200mcg + 200mg
Nitrofurazone	Ointment: 30gm, 45gm
sodium chloride	Injection: 0.9% 1000ml: 0.9% in 500ml, sodium chloride
Oral Rehydration Salt	Powder: each sachet for 1 liter contains: Gram/Liter mmol/L, Sodium 2.6, Sodium 75, Glucose Anhydrase 13.5, Glucose Anhydrase 75, Potassium Chloride 1.5, Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2.9, Citrate 10, Total Osmolarity = 245
Oxytocin	Injection: 10unit/ml
Pethidine Hydrochloride	Injection: 50mg/ml
Phytomenadione (Vitamin K1) *	Injection: 1mg/0.5ml, 10mg/ml
Rehydration Solution for Malnourished	Rehydration Solution for malnourished each sachet for 2 liter contains: contains: Glucose 125, Sodium 45, Potassium 40, Chloride 70, Total Osmolarity=294meq/L
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose, nebulizer 1mg/ml Solution
Tetanus toxoid	Injection: 40mg/ml
Tetracycline,	Eye ointment: 1%
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection: 5ml, 10ml
Zinc Sulphate	Tablet: 10mg, 20mg Oral liquid: 10mg/unit
Nifedipine	Tablet: 20 mg
Acetylsalicylic acid	Tablet: 300 mg
Hydralazine	Injection 20mg/ml
Furosemide	Injection: 20mg/2ml
Naloxone	Injection: 1mg/ml, 0.4mg/ml
Nitroglycerine	Tablet: Sublingual: 0.4 mg,

## 3.2. Specialty Centers

### 3.2.1. Cardiac Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetylsalicylic acid	Tablet: 300mg
Adenosine	Injection: 3mg/ml in 2ml
Adrenaline	Injection: 0.1mg/ml, 1mg/ml
Alteplase	Powder for Injection: 10 mg, 20 mg, 50 mg
Amiodarone	Injection: 50mg /ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Captopril	Tablet: 12.5mg, 25mg
Calcium Chloride	Injection: 10% ampule
Calcium gluconate	Injection: 10%
Ceftriaxone	Injection: 1gm
Cimetidine	Injection: 200mg/ml
Clopidogrel	Tablet: 75mg
Coagulation factor IX	Powder for Injection: 500 IU/, 1000 IU/
Coagulation factor VIII	Powder for Injection: 500 IU/
Dexamethasone	Injection: 40mg/ml, 80mg
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Digoxin	Injection: 0.25 mg/ml
Digoxin immune (Fab Ovine) Digoxin specific anti body fragment	Injection: 40mg
Diltiazem	Injection: 25mg/5 ml
Dobutamine	Powder for Injection: 250mg
Dopamine	Injection: 40mg/ml in 5ml
Enoxaparin	Injection: 20mg/0.2ml, 40mg/0.4ml, 60mg/0.6ml, 80mg/0.8ml, 100mg/ml
Esmolol Hydrochloride	Injection: 10mg/ml
Etomidate	Injection: 20mg/ml
Furosemide	Injection: 10 mg/ml
Glucagon	Injection 1mg/ml
Heparin	Injection 5000IU/ml
Hydralazine	Injection: 20mg/ml
Hydrocortisone	Injection: 100mg,200mg
Hypertonic saline	Infusion: 3%, in1000ml
Insulin Soluble	Injection: SC, IV 100IU/ml
Ketamine	Injection: 50mg.ml,
Labetalol	Injection: 5mg/ml,
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000
Lidocaine hydrochloride(cardiac)	Injection 5mg/ml,10mg/ml, 20mg/ml

<b>Name of Medicine</b>	<b>Dosage form and strength</b>
Magnesium Sulphate	Injection 50%, (10gm)
Metoclopramide Hydrochloride	Drops: 0.2mg/drop, Injection: 5mg/ml, 5mg/2ml
Metoprolol	Injection: 1 mg/ml
Morphine Sulphate Sulphate	Injection:10 mg/ml
Naloxone hydrochloride	Injection: 0.4mg
Nifedipine	Tablet: 20mg
Nitroglycerine	Infusion: 0.1mg/ml, 0.2mg/ml, 0.4mg/ml Injection: 5mg/mg Tablet: Sublingual: 0.4mg mg
Noradrenaline	Injection: 2mg/ml
Omeprazole	Powder for Injection: 40 mg / Injection 20mg,40mg
Phenylephrine	Injection: 10mg/ml
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Potassium chloride	Infusion: 20meq ,40Meq
Procainamide Hydrochloride	Injection:100mg/ml
Propofol	Injection (Emulsion): 10mg/ml
Propranolol	Tablet: 40mg
Protamine Sulphate	Injection: 10mg/ml in 5ml:
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose
Sodium bicarbonate	Injection (concentrated), 7.5% (40mEq/50ml in 50ml: 8.4%(50meq/50ml)
Sodium Chloride	0.9% 500ml.1000ml
Sodium Nitroprusside	Powder for Injection: 50mg
Streptokinase	Powder for Injection: 1.5 million IU
Suxamethonium Chloride	Powder for Injection: 50mg, 100mg, 500mg, Injection: 50mg/ml
Thiopental	Injection: Powder 50mg/ml
Vecuronium Bromide	Powder for Injection: 10mg in a
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.2.2. Endocrinology Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection: 0.1mg/ml, 1mg/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Calcium gluconate	Injection: 10%
Desmopressin	Injection: 4mcg/ml, Tablet:0.1-0.2mg
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml:
Dextrose in water	Injection: 5% in 250ml, 1000ml, 40%
Diazepam	Injection: 5mg/ml
Glucagon	Injection: 1mg/ml
Hydrocortisone	Injection: 100mg,200mg
Hypertonic saline	Solution: 3%,
Insulin Soluble	Injection: SC, IV 100IU/ml
Iodine + Potassium Iodide (Lugol's Solution)	Solution: 5%+10%
Labetalol	Injection: 5mg/ml,
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Levothyroxine	Injection: 100mcg
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Jelly: 2% in 30 ml Ointment: 5% in 10gm Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000
Liothyronine (T3)	Injection: 10mcg/ml
Methimazole	Tablet: 5mg, 10mg
Metoclopramide Hydrochloride	Drops: 0.2mg/drop Injection: 5mg/ml, 5mg/2ml
Noradrenaline	Injection: 2mg/ml
Potassium chloride	Infusion: 20meq
Propranolol	40mg Tablet:
Propylthiouracil	Tablet: 50mg, 100mg
Salbutamol	Aerosol 90 mcg/actuation Syrup, 2mg/5ml nebulizer
Sodium Chloride	Injection: 0.9% 500ml,1000ml
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.2.3. ENT Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen:	Drops: 100mg/ml, Injection: 1gm in 100ml, Suppository, 125 mg, 250 mg
Adrenaline:	Injection 0.1mg/ml, 1mg/ml
Atropine Sulfate:	Injection: 1mg/ml in 1 ml
Ceftriaxone	Injection: 1gm
Dexamethasone:	Injection: 4mg/ml, Nasal spray: 84mcg
Dextrose in Sodium chloride:	Injection :5% 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml: ,40%
Diazepam:	Injection: 5mg/ml
Diclofenac:	Injection: 25mg/ml in 3ml , 75mg/ml
Hydrocortisone	Injection: 100mg/ml, 200mg
Ketamine:	Injection: 50mg/ml,
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5%, Jelly: 2% in 30 ml, Ointment: 5% in 10gm, Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% +1:200, 000, 2%+1:200,000
Metoclopramide Hydrochloride:	Injection: 5mg/ml, 5mg/2ml, Drops: 0.2mg/drop
Metronidazole	Intravenous Infusion: 5mg/ml in 100ml
Morphine Sulphate Sulphate	Injection: 10 mg/ml
Propofol	Injection: 10mg/ml
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Suxamethonium	Injection Powder for Injection: 50mg, 100mg, 500mg
Thiopental	Injection: Powder 50mg/ml
Vecronium	Injection Powder for Injection: 10mg in a
Water for Injection	Sterile water for Injection:5ml, 10ml
Xylometazoline	(Nose Spray): 0.05%, 0.1%,

### 3.2.4. Gastroenterology Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Amlodipine	Tablet: 2.5mg, 5mg, 10mg
Atropine Sulfate	Injection: 1mg/ml
Calcium gluconate	Injection: 10%
Ceftriaxone	Powder injection: 1gm
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml, 75mg/ml
Dopamine	Injection: 40mg/ml
Hydrocortisone	Injection: 100mg, 200mg
Insulin Soluble	Injection: 100IU/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000 Injection: 2%+1:200,000 s
Metoclopramide Hydrochloride	Drops: 0.2mg/drop Injection: 5mg/ml, 5mg/2ml
Metronidazole	Intravenous Infusion: 5mg/ml in 100ml Oral liquid: 125mg/5ml Tablet:/Capsule, 250mg, 500mg
Morphine Sulphate Sulphate	Injection: 10mg/ml, oral Solution 10mg/5ml
Noradrenaline	Injection: 2mg/ml
Octreotide	Injection: 50mcg/ml: 100mcg/ml
Omeprazole	Powder for Injection: 40 mg
Ondansetron	Injection: 2 mg/ml
Oral Rehydration Salt	Powder: each sachet for 1 liter contains: Gram/Liter mmol/L, Sodium 2.6, Sodium 75, Glucose, Anhydrase 13.5, Glucose Anhydrase 75, Potassium Chloride 1.5, Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2.9, Citrate 10, Total Osmolarity = 245
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Potassium chloride	Infusion: 20meq, 10meq, 40meq
Ranitidine	Injection: 25 mg/ mL (as hydrochloride)
Sodium Chloride	Injection: 0.9% 1000ml: 0.9% in 500ml
Thiamine IV	Injection: 100mg/ml
Tranexamic acid	Injection: 100mg/ml, 10ml
Water for Injection	Sterile water for Injection: 5ml, 10ml: 5ml, 10ml

### 3.2.5. Internal medicine Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Tablet: 500mg Drops: 100mg/ml Injection: 1gm in 100ml Suppository, 125 mg, 250 mg
Acetylsalicylic acid	Tablet: 300mg
Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
Adenosine	Injection: 3mg/ml in 2ml
Adrenalin	Injection: 10mg/ml, 1mg/ml
Adrenaline (Epinephrine)	Injection: 0.1%, 1:1000 1mg/ml
Amiodarone	Injection: 50mg /ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Calcium gluconate	Injection: 10%
Captopril	Tablet: 12.5mg, 25mg,
Ceftriaxone	Powder: injection 1gm
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml
Dopamine	Injection: 40mg/ml
Flumazenil	Injection: 0.5 mg/5 mL
Furosemide	Injection: 10 mg/ml
Gentamicin	Injection: 20mg/2ml, 80mg/2ml
Heparin	Injection: 1,000U/ml, 5,000U/ml, 10,000U/ml
Hydralazine	Injection: 20mg/ml
Hydrocortisone	Injection: 100mg/ml, 200mg/ml
Insulin Soluble	Injection: SC, IV 100IU/ml
Ipratropium bromide	Aerosol: 20mcg/MD, 40mcg/MD inhalation
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1%, 2% + 1:200, 000
Magnesium Sulphate	Injection 10%,
Mannitol	Injection 20%, 100g in 500ml
Methyl prednisolone	Injection: 40mg/ml, 80mg/ml
Metoclopramide Hydrochloride	Drops: 0.2mg/drop Injection: 5mg/ml, 5mg/2ml
Metoprolol	Injection: 1mg/ml, 5mg/ml
Metronidazole	Intravenous Infusion: 5mg/ml in 100ml

Name of Medicine	Dosage form and strength
Morphine Sulphate Sulphate	Injection:10 mg/ml
Naloxone hydrochloride	Injection: 0.4mg
Nitroglycerine	Infusion: 0.1mg/ml, 0.2mg/ml, 0.4mg/ml Injection: 5mg/mg. Tablet: /Sublingual: 0.4 mg,
Noradrenaline	Injection: 2mg/ml
Omeprazole	Powder for Injection: 40 mg
Ondansetron	Injection: 2 mg/ml
Oral Rehydration Salt	Powder: each sachet for 1 liter contains: Gram/Liter mmol/L: Sodium 2.6, Sodium 75, Glucose Anhydrase 13.5, Glucose Anhydrase 75, Potassium Chloride1.5, Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2 .9, Citrate 10, Total Osmolarity = 245
Phenytoin	Injection: 50mg/ml, 1000mg
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Potassium chloride	Infusion: 20meq
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose, 2mg/5ml nebulizer: 1mg/ml Solution
Sodium Bicarbonate	Injection (concentrated), 8.4% (50meq/50ml)
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Tramadol hydrochloride	Injection: 50mg/ml in 2ml
Water for Injection	Sterile water for Injection:5ml, 10ml 5ml,10ml



### 3.2.6. Maxillofacial Surgery Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Injection: 1gm in 100ml Suppository, 125 mg, 250 mg
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Calcium gluconate	Injection 10%
Ceftriaxone	Powder injection 1gm
Chlorhexidine	Solution or gel: 7.1%, 4%
Dextrose in Sodium chloride	Injection 5% in 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml
Hydrocortisone	Injection: 100mg, 200mg
Ketamine	Injection: 50mg/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Jelly: 2% in 30 ml Ointment: 5% in 10gm Spray: 2%, 4%, 10 % in 80g
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Metronidazole	Intravenous Infusion: 5mg/ml in 100ml
Morphine Sulphate Sulphate	Injection: 10 mg/ml
Omeprazole	Powder for Injection: 40 mg
Ondansetron	Injection: 10mg/ml
Propofol	10mg/ml
Suxamethonium Chloride	Powder for Injection: 50mg, 100mg, 500mg
Tetanus toxin	Injection: 1500IU/ml
Thiopental	Injection: Powder 500mg 50mg/ml
Tramadol hydrochloride	Injection: 50mg/ml
Tranexamic acid	Injection: 100mg/ml, 10ml
Vecuronium Bromide	Powder for Injection: 10mg in a
Water for Injection	Sterile water for Injection: 5ml, 10ml

### 3.2.7. MCH Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Injection: 1gm in 100ml Suppository, 125 mg, 250 mg
Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Ampicillin	Injection (Sodium), 250mg, 500mg, 1g
Anti-Rho (D) human Immunoglobulin	Injection: 300mcg,
Atropine Sulfate	Injection: 1mg/ml
Bupivacaine	Injection for spinal anesthesia: 0.5% (hydrochloride) in 4- mL to be mixed with 7.5% glucose Solution
Caffeine citrate	Injection: 20 mg/ mL
Calcium Gluconate	Injection: 10%
Carbetocine	Injection 100mg
Cimetidine	Injection: 200mg/ml
Deferoxamine Mesylate	Powder for Injection: 500mg
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml:10% in 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diclofenac	Injection: 25mg/ml in 3ml,
Dopamine	Injection: 40mg/ml
Ergometrine	Injection: 0.2mg/ml
Furosemide	Injection: 10 mg/ml
Gentamicin	Injection: 20mg/2ml,80mg/2ml
Heparin	Injection: 5000IU/M
Hepatitis B immunoglobulin	Injection:100IU/mL
Hydralazine	Injection: 20mg/ml
Hydrocortisone	Injection: 100mg, 200mg
Hypertonic saline	Infusion: 3%,
Insulin Soluble	Injection: 100IU/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5%, Jelly: 2% in 30 ml, Ointment: 5% in 10gm, Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000, Injection: 2%+1:200,000 s

Name of Medicine	Dosage form and strength
Magnesium Sulphate	Injection: 50%
Mannitol	Infusion: 20% 100mg
Metoclopramide Hydrochloride	Drops: 0.2mg/drop, Injection: 5mg/ml, 5mg/2ml
Midazolam hydrochloride	Injection: 1mg/ml, 2mg/ml, 5mg/m
Misoprostol	Tablet: 25mcg
Misoprostol + Mifepristone	Tablet: 200mcg + 200mg
Naloxone hydrochloride	Injection: 0.4mg
Navidoxine	Tablet: 25mg
Nitrofurazone	Ointment: 30gm, 45gm
Noradrenaline	Injection: 2mg/ml
Omeprazole	Powder for Injection: 40 mg
Ondansetron	Injection: 2 mg/ml
Oral Rehydration Salt	Powder: Gram/Liter mmol/L Sodium 2.6, Sodium 75, Glucose Anhydrase 13.5, Glucose Anhydrase 75, Potassium Chloride 1.5, Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2.9, Citrate 10, Total Osmolarity = 245
Oxytocin	Injection: 10unit/ml
Pethidine	Injection: 25mg/ml, 50mg/ml, 100mg/ml
Phenobarbitone (Phenobarbital)	Injection: 25mg/ml, 100mg/ml
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Potassium Chloride	Injection: 150mg/ml
Rehydration Solution for Malnourished	Rehydration Solution for malnourished each sachet for 2 liter contains
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose
Sodium Bicarbonate	Injection: 8.4% (50meq/50ml)
Sodium Chloride	Injection: 0.9% 1000ml: 0.9% in 500ml,
Sodium Valproate	Injection: 100mg/ml,
Tetracycline	Eye ointment: 1%
Tramadol hydrochloride	Injection: 50mg/ml
Tranexamic acid	Injection: 100mg/ml, 10ml
Water for Injection	Sterile water for Injection: 5ml, 10ml
Zinc Sulphate	Tablet: 10mg, 20mg Oral liquid: 10mg/unit

### 3.2.8. Neurology Specialty Center Emergency Medicine List

Name of Medicine	Dosage form, strength
Acetaminophen	Injection: 1gm in 100ml, Suppository, 125 mg, 250 mg
Adrenaline	Injection 0.1mg/ml, 1mg /ml
Acetyl salicylic acid	Tablet: 81mg,100mg, 300mg
Atropine Sulfate	Injection: 1mg/ml
Ceftriaxone	Injection: 1gm
Dexamethasone	Injection: 4mg,8mg
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml
Methyl prednisolone	Injection: 40g/ml
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl- 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Jelly: 2% in 30 ml Ointment: 5% in 10gm Injection: 0.5%, 1%, 2%, 5%, Spray: 2%, 4%, 10 % in 80g Injection for spinal anesthesia: 5% (hydrochloride) in 2- mL to be mixed with 7.5% glucose Solution
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200,000, Injection: 2%+1:200,000
Labetalol	Injection: 5mg/ml,
Mannitol	Injection: 20%, 100g/500ml,
Metoclopramide Hydrochloride:	Injection: 5mg/ml, 5mg/2ml
Metronidazole	Intravenous Infusion: 5mg/ml in 100ml
Nifedipine	Tablet: 20mg
Nimodipine	Injection: 1mg/5ml Tablet: 30 mg
Phenobarbitone (Phenobarbital)	Injection: 25mg/ml, 100mg/ml
Phenytoin	Injection:50mg/ml, Tablet: 50mg, 100mg
Propofol	Injection (emulsion): 10mg/ml
Sodium Chloride	Injection: 0.9% 500ml, 1000m 0.45% sodium chloride (equivalent to Na+ 75 mmol/L and Cl- 75 mmol/L).
Tramadol hydrochloride	Injection: 50mg/ml

Name of Medicine	Dosage form, strength
Sodium Valproate	Injection: 100mg/ml, Syrup, 200mg/5ml Tablet: 200mg, 500mg
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.2.9. Oncology specialty center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Drops: 100mg/ml Injection: 1gm Tablet: 500mg Suppository: 125 mg, 250 mg
Adrenaline	Injection: 0.1mg/ml, 1mg/ml
	Solution: containing ethanol 80% V /V, Isopropyl alcohol 75% V/V
Atropine Sulfate	Injection: 1mg/ml
Calcium gluconate	Injection: 10%
Ceftriaxone	Powder for injection: 1gm
Cimetidine	Injection: 200mg/ml
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Normal Saline	Injection: 5% 500ml, 1000ml
Dextrose in water	Injection: 5% 500ml, 1000ml, 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml
Dopamine	Injection: 40mg/ml
Fentanyl	Injection: 50mg/ ml
Furosemide	Injection: 10 mg/ml in 2ml ampoule
Hydrocortisone	Injection: 100mg, 200mg
Insulin Soluble	Injection: SC, IV 100IU/ml
Lactated Ringer's	Injectable solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine	Injection: 5mg/ml, 10mg/ml, 20mg/ml
Magnesium	Injection: 50% in 20ml
Methyl prednisolone	Injection: 40mg/ml, 80mg/ml
Morphine Sulphate	Injection: 10 mg/ml, Oral Solution: 10mg/5ml
Noradrenaline	Injection: 1mg/ml
Omeprazole	Powder for injection: 40 mg
Ondansetron	Injection: 2 mg/ml
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Potassium chloride	Infusion: 20meq, 40meq
Protamine Sulphate	Injection: 10mg/ml

<b>Name of Medicine</b>	<b>Dosage form and strength</b>
Sodium bicarbonate	Injection (concentrated), 7.5% (40mEq/50ml in 50ml ampoule; 8.4%(50meq/50ml)
Tramadol hydrochloride	Injection: 50mg/ml
Tranexamic acid	Injection: 100mg/ml, 10ml
Water for Injection	Sterile water for Injection: 5ml,10ml



### 3.2.10. Ophthalmology Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetazolamide	Tablet: 250mg, 500mg
Adrenaline	Injection 0.1mg/ml,1mg/ml
Atropine Sulphate	Eye drops: 1%
Bupivacaine	Injection: 0.25%: 0.5%
Dexamethasone	Injection: 4mg/ml, Eye drops Suspension: 0.1%
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml,
Gentamycin	Injection: 20mg/ml, 50 mg/ml
Hydrocortisone	Injection: 100mg,200mg
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5%
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000
Sodium Chloride	Injection: 0.9% in 500ml, 1000ml
Tetracycline	Eye ointment: 1%
Tetracaine	Eye drop, 0.5%
Water for Injection	Sterile water for Injection:5ml, 10ml



### 3.2.11. Orthopedic Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Injection 1gm Suppository, 125 mg, 250 mg, Tablet:500mg,
Adrenaline (Epinephrine)	Injection: 0.1%, 1:1000 1mg/ml,
Adrenaline	Injection: 0.1mg/ml,1gm/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Bupivacaine	Injection: 0.25%: 0.5% (hydrochloride). Injection for spinal anesthesia: 0.5% (hydrochloride) in 4- mL to be mixed with 7.5% glucose Solution
Calcium Gluconate	Injection: 10%
Ceftriaxone	Powder for injection: 1gm
Cloxacillin	Injection: 250mg, 500mg
Dexamethasone	Injection: 4mg/ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection:25mg/ml,
Gentamycin	Injection: 40/2ml, 80/2ml
Haloperidol	Injection: 5mg/ml
Heparin	Injection: 5000IU/ml
Hydrocortisone (Sodium Succinate)	Injection: 100mg/ml,200mg/ml
Insulin Soluble	Injection: SC, IV 100IU/ml
Ketamine	Injection: 50mg/ml,
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl- 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Injection for spinal anesthesia: 5% (hydrochloride) in 2- mL to be mixed with 7.5% glucose Solution
Lidocaine Hydrochloride + Adrenaline	Injection: 2%+1:200,000 s Injection: 1% + 1:200, 000
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Midazolam hydrochloride	Injection: 1mg/ml, 2mg/ml, 5mg/ml
Morphine Sulphate Sulphate	Injection:10 mg/ml
Omeprazole	Powder for Injection: 40 mg
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Propofol	Injection (emulsion):10mg/ml

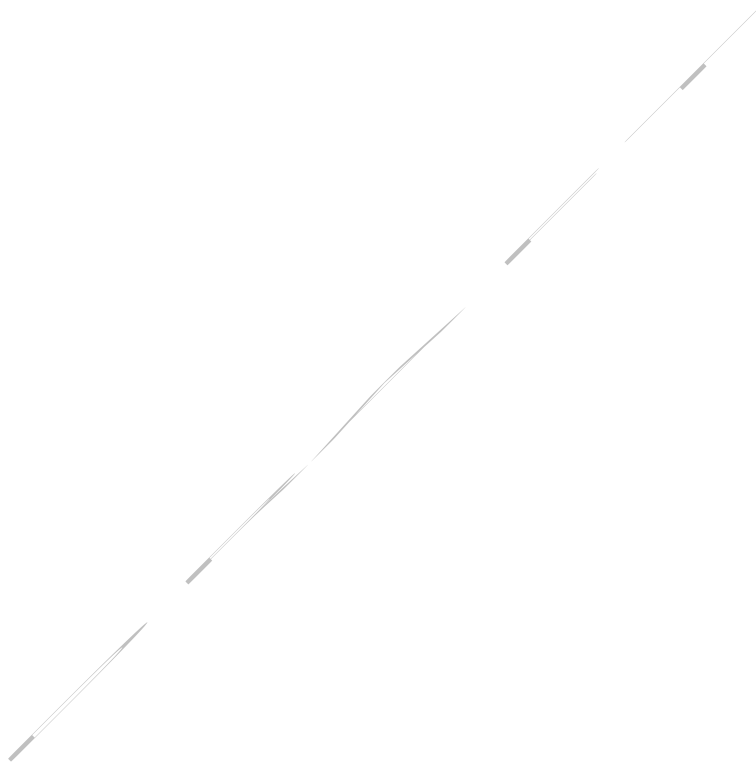
Name of Medicine	Dosage form and strength
Tetanus anti toxin	Injection:1500IU/ml
Thiopental	Injection: 50mg/ml, 500mg
Tranexamic acid	Injection: 100mg/ml, 10ml
Water for Injection	Sterile water for Injection:5ml, 10ml



### 3.2.12. Pediatrics Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Drops: 100mg/ml Injection: 1gm in 100ml Syrup, 120mg/5ml, 250mg/5ml Suppository, 125 mg, 250 mg Tablet: 500mg,
Activated Charcoal	Powder for reconstitution: 15gm/120ml
Adenosine	Injection: 3mg/ml in 2ml
Adrenaline	Injection 1mg/ml, 0.1mg
Amiodarone	Injection: 50mg /ml
Ampicillin	Injection: 250mg, 500mg, 1g
Anti-tetanus human immunoglobulin	Injection: 250IU/ml.
Artesunate	Injection: 60mg/ml
Atropine Sulfate	Injection: 1mg/ml
Bupivacaine	Injection: 0.25%: 0.5%, Injection for spinal anesthesia: 0.5%
Calcium gluconate	Injection: 10%
Ceftriaxone	Injection: 500mg, 1g
Chlorpheniramine	Syrup: 2mg/5ml
Coagulation factor IX	Powder for Injection: 500 IU/, 1000 IU/
Coagulation factor VIII	Powder for Injection: 500 IU/
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Dopamine	Injection: 40mg/ml
Furosemide	Injection: 10 mg/ml
Gentamicin	Injection: 20mg/2ml, 80mg/2ml
Glucagon	Injection: 1mg/ml
Hepatitis B immunoglobulin	Injection: 100IU/mL
Heparin	Injection: 5000IU/ml
Hydrocortisone	Injection: 40mg/ml, 80mg/2ml
Hypertonic Saline	Injection: 3%
Ibuprofen	Suspension: 100mg/5ml Injection: 10mg/ml
Insulin Soluble	Injection: 100IU/ml SC, IV
Ipratropium bromide	Aerosol: 20mcg/MD, 40mcg/MD inhalation
IVIG (intravenous immunoglobulin therapy)	10% (0.1g/ml), 50ml, 100ml, 200ml, 400ml

Name of Medicine	Dosage form and strength
Ketamine	Injection: 50mg/ml, 10mg/ml
Labetalol	Injection: 5mg/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Mannitol	Injection: 20%, 500ml, 100g
Metoprolol	Injection: 1mg/ml, 5mg/ml
Metoclopramide Hydrochloride	Drops: 0.2mg/drop, Injection: 5mg/ml, 5mg/2ml
Morphine Sulphate	Injection: 10mg/ml, Oral Solution, 10mg/5ml
Naloxone hydrochloride	Injection: 0.4mg
Nitrofurazone	Ointment: 1%
Noradrenaline	Injection: 2mg/ml
Omeprazole	Powder for Injection: 40 mg
Oral Rehydration Salt	Powder: Gram/Liter mmol/L Sodium 2.6, Sodium 75, Glucose Anhydrase 13.5, Glucose Anhydrase 75, Potassium Chloride 1.5, Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2.9, Citrate 10, Total Osmolarity = 245
Phenobarbitone (Phenobarbital)	Injection: 25mg/ml, 100mg/ml
Phenytoin	Injection 50mg/ml, 1000mg, Tablet: 50mg, 100mg
Phytomenadione (Vitamin K)	Injection: 1mg/0.5ml, 10mg/ml
Physostigmine	Injection: 1mg/ml
Potassium chloride	Infusion: 20meq
Propofol	Injection (Emulsion): 10mg/ml
Propranolol	Tablet: 10mg, 20mg, 40mg
Rehydration Solution for Malnourished	Rehydration solution for malnourished each sachet for 2 liter contains: contains: Glucose 125, Sodium 45, Potassium 40, Chloride 70, Total Osmolarity=294meq/L
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose(100mcg), syrup 2mg/5ml, Nebulizer Solution
Snake Venom Antiserum Polyvalent	Injection: 10ml
Sodium bicarbonate	Injection: 7.5% (40mEq/50ml, 8.4%(50meq/50ml)
Sodium Valproate	Injection: 100mg/ml Syrup: 200mg/5ml
Sulphamethoxazole + Trimethoprim	Suspension: 240mg/5ml Tablet: 100mg + 20mg, 400mg + 80mg, 800mg + 160mg
Suxamethonium Chloride	Powder for Injection: 50mg, 100mg, 500mg Injection: 50mg/ml
Thiopental	Injection: Powder 50mg/ml
Tranexamic acid	Injection: 100mg/ml, 10ml
Vecuronium Bromide	Powder for Injection: 10mg in a
Zinc Sulphate	Tablet: 10mg, 20mg Oral liquid: 10mg/unit



### 3.2.13. Psychiatry & Rehabilitations Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection 0.1mg/ml,1mg/ml
	Solution: containing ethanol 80% V /V Isopropyl alcohol 75% V/V
Chlorpromazine Hydrochloride	Injection: 25mg/ml
Dextrose in Sodium chloride	Injectable: 5% in 500ml, 1000ml:
Dextrose in water	Injectable: 5% in 1000ml,40% ,
Diazepam	Injection: 10mg/2ml
Diclofenac	Injection: 25mg/ml,
Haloperidol	Injection: 50mg/ml, 100mg/ml
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl- 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 2%+1:200,000 s Injection: 1% + 1:200, 000
Methadone	Injection: 5mg/ml, 10mg/ml
Midazolam hydrochloride	Injection: 1mg/ml, 2mg/ml, 5mg/m
Phenobarbitone (Phenobarbital)	Injection: 25mg/ml, 100mg/ml
Phenytoin	Injection: 50mg/ml in 5ml
Risperidone	Powder for Injection: 50mg
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Water for Injection:	Sterile water for Injection: 5ml, 10ml

### 3.2.14. Renal Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection: 0.1mg/ml, 1mg/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Calcium Gluconate	Injection: 10%
Desmopressin	Injection: 4mcg/ml Tablet: 0.1-0.2mg
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Furosemide	Injection: 10 mg/ml
Heparin	Injection: 1,000U/ml, 5,000U/ml, 10,000U/ml
Hydrocortisone	Injection: 50mg/ml
Insulin Soluble	Injection: SC, IV 100IU/ml
Ketamine	Injection: 50mg.ml,
Labetalol	Injection: 5mg/ml,
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5%
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000 Injection: 2%+1:200,000
Methyl prednisolone	Injection: 40mg/ml,80mg/ml
Metoclopramide	Injection: 5mg/ml
Morphine Sulphate Sulphate	Injection:10 mg/ml
Potassium chloride	Infusion: 20meq
Sodium bicarbonate	Injection (concentrated), 7.5% (40mEq/50ml in 50ml : 8.4%(50meq/50ml)
Sodium Chloride	Injection: 0.9% 1000ml: 0.9% in 500ml,
Suxamethonium Chloride	Powder for Injection: 50mg, 100mg, 500mg
	Injection: 50mg/ml
Thiopental	Injection: Powder 50mg/ml
Vecuronium Bromide	Powder for Injection: 10mg

Name of Medicine	Dosage form and strength
Water for Injection	Sterile water for Injection:5ml, 10ml





### 3.2.15. Surgery Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Injection: 1gm in 100ml Tablet: 500mg
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Amiodarone	Injection: 50mg/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Bupivacaine	Injection for spinal anesthesia: 0.5% (hydrochloride) in 4- mL to be mixed with 7.5% glucose Solution Injection: 0.25%: 0.5% (hydrochloride).
Calcium Gluconate	Injection: 10%
Ceftriaxone	Powder for injection: 1gm
Cimetidine	Injection: 200mg/ml
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml
Dextrose in water	Injection: 5% in 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml,
Etomidate	Injection: 20 mg/ml in 10m & 20ml
Hydrocortisone	Injection: 100mg, 200mg
Ketamine	Injection: 50mg.ml,
Labetalol	Injection: 5mg/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Spray: 2%, 4%, 10 % in 80g Ointment: 5% in 10gm Injection: 0.5%, 1%, 2%, 5% Jelly: 2% in 30 ml Injection for spinal anesthesia: 5% (hydrochloride) in 2- mL to be mixed with 7.5% glucose Solution
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000 Injection: 2% + 1:200, 000
Mannitol	Injection: 20% 100gm/500ml
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Metronidazole	Intravenous Infusion: 5mg/ml in 100ml Oral liquid: 125mg (benzoate)/5ml
Morphine Sulphate Sulphate	Injection: 10 mg/ml
Noradrenaline	Injection: 2mg/ml

Name of Medicine	Dosage form and strength
Omeprazole	Powder for Injection: 40 mg
Ondansetron	Injection: 2 mg/ml
Potassium chloride	Infusion: 20meq
Propofol	Injection: 10mg/ml
Sodium Bicarbonate	Injection: 8.4% (50meq/50ml)
Sodium chloride	Injection: 0.9% 500ml, 1000ml
Suxamethonium Chloride	Powder for Injection: 50mg, 100mg, 500mg
Tetanus anti toxin	Injection: 1500IU/ml
Thiopental	Injection: Powder 50mg/ml
Tramadol hydrochloride	Injection: 50mg/ml
Tranexamic acid	Injection: 100mg/ml, 10ml
Vecuronium Bromide	Powder for Injection: 10mg in a
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.2.16. Trauma Specialty Center Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Injection: 1gm Suppository, 125 mg, 250 mg
Adenosine	Injection: 3mg/ml in 2ml
Adrenaline (Epinephrine)	Injection: 0.1%, 1:1000 1mg/ml
Adrenaline	Injection: 0.1mg/ml, 1mg/ml
Amiodarone	Injection: 50mg /ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Bupivacaine	Injection: 0.25%, 0.5% Injection for spinal anesthesia: 0.5% in 4- mL to be mixed with 7.5% glucose Solution
Calcium Gluconate	Injection: 10%
Ceftriaxone	Powder injection 1gm
Cloxacillin	Injection: 250mg, 500mg
Clopidogrel	Tablet: 75mg
Dexamethasone	Injection: 4mg/ml, 8mg
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml,
Dobutamine	Powder for Injection: 250mg
Dopamine	Injection: 40mg/ml
Gentamycin	Injection: 40/2ml, 180/2ml
Haloperidol	Injection: 5mg/ml
Heparin	Injection 5000IU/M
Hydrocortisone	Injection 100mg, 200mg
Insulin Soluble	Injection: SC, IV 100IU/ml
Ketamine	Injection: 50mg.ml,
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl- 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Jelly: 2% in 30 ml

Name of Medicine	Dosage form and strength
	Ointment: 5% in 10gm Spray: 2%, 4%, 10 % in 80g Injection for spinal anesthesia: 5% (hydrochloride) in 2- mL to be mixed with 7.5% glucose Solution
Lidocaine Hydrochloride + Adrenaline	Injection: 2%+1:200,000 s Injection: 1% + 1:200, 000
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Midazolam hydrochloride	Injection: 1mg/ml, 2mg/ml, 5mg/m
Morphine Sulphate Sulphate	Injection: 10 mg/ml
Nitrofurazone	Ointment: 30gm, 45gm
Nitroglycerine	Tablet: Sublingual: 0.4 mcg
Noradrenaline	Injection: 2mg/ml
Ondansetron	Injection: 2 mg/ml
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Potassium chloride	Infusion: 20meq
Propofol	Injection (Emulsion): 10mg/ml
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose Syrup: 2mg/5ml nebulizer
Suxamethonium Chloride	Powder for Injection: 50mg, 100mg, 500mg Injection: 50mg/ml
Sodium Valproate	Injection: 100mg/ml, Syrup: 200mg/5ml
Tetanus anti toxin	Injection: 1500IU/ml
Thiopental	Injection: Powder 500mg 50mg/ml
Tranexamic acid	Injection: 100mg/ml, 10ml
Vecuronium Bromide	Powder for Injection: 10mg
Water for Injection	Sterile water for Injection: 5ml, 10ml

### 3.3.Specialty Clinics

#### 3.3.1. Cardiovascular Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetylsalicylic acid	Tablet: 300mg
Adenosine	Injection: 3mg/ml in 2ml
Adrenaline	Injection: 0.1mg/ml.1mg/ml
Amiodarone	Injection: 50mg /ml
Amlodipine	Tablet: 2.5mg, 5mg, 10mg
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Cimetidine	Injection: 200mg/ml
Dopamine	Injection: 40mg/ml
Furosemide	Injection: 10 mg/ml
Heparin	Injection 5000IU/ml
Hydralazine	Injection: 20mg/ml
Hydrocortisone (Sodium Succinate)	Injection: 100mg,200mg
Labetalol	Injection: 5mg/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Metoclopramide Hydrochloride	Drops: 0.2mg/drop, Injection: 5mg/ml, 5mg/2ml
Metoprolol	Injection: 1 mg/ml
Naloxone hydrochloride	Injection: 0.4mg
Nitroglycerine	Tablet/Sublingual: 0.4 mg
Noradrenaline	Injection: 2mg/ml
Potassium chloride	Infusion: 20meq ,40Meq
Procainamide Hydrochloride	Injection:100mg/ml
Protamine Sulphate	Injection: 10mg/ml, 250mg (10mg/ml), 25ml
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.3.2. Chest Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection: 0.1mg/ml,1mg/ml
Aminophylline	Injection: 250mg/10ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Budesonide + Formoterol	Inhalation/ Aerosols: 80/4.5,160/4.5
Ceftriaxone	Powder injection: 1gm
Dexamethasone	Injection:4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml, 40%
Diazepam	Injection: 5mg/ml
Diphenhydramine hydrochloride	Capsule/Tablet: 25mg Syrup: 25mg/5ml
Furosemide	Injection: 10 mg/ml
Hydrocortisone	Injection:100mg,200mg
Ipratropium bromide	Aerosol: 20mcg/MD, 40mcg/MD inhalation
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Spray: 2%, 4%, 10 % in 80g Injection: 0.5%, 1%, 2%, 5% Jelly: 2% in 30 ml
Magnesium Sulphate	Injection: 50% (10gm),
Oxygen	Pure oxygen
Prednisolone	Tablet: 5mg
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose Syrup2mg/5ml nebulizer Solution
Sodium Chloride	Injection: 0.9% 500ml,1000ml
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.3.3. Dental Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline:	Injection 0.1mg/ml, 1mg/ml
Atropine Sulfate:	Injection: 1mg/ml in 1 ml

Name of Medicine	Dosage form and strength
Dextrose in Sodium chloride:	Injection: 5% 500ml, 1000ml
Dextrose in water	Injection: 5% in 500ml, 1000ml: 40%
Diclofenac:	Injection: 25mg/ml in 3ml, 75mg/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride with/without adrenaline:	Injection: 1%, 2% /ml, Injection: 1% + 1:200,000, Spray: 2%, 4%, 10 % in 80g
Water for Injection:	Sterile water for Injection: 5ml, 10ml

### 3.3.4. Dermatology Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Diclofenac	Injection: 25mg/ml in 3ml,
Hydrocortisone	Injection: 100mg/ml, 200mg
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Jelly: 2% in 30 ml Ointment: 5% in 10gm Spray: 2%, 4%, 10 % in 80g Injection: 1% + 1:200,000, 2%+1:200,000 s
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200,000, 2%+1:200,000 s
Nitrofurazone	Ointment: 30gm, 45gm
Sodium chloride	Injection: 0.9% 500ml ,1000ml
Water for Injection	Sterile water for Injection:5ml, 10ml



### 3.3.5. ENT Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Drops: 100mg/ml, Injection: 1gm in 100ml, Suppository, 125 mg, 250 mg
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Dexamethasone	Injection: 4mg/ml, Nasal spray: 84mcg
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml, 40%
Diclofenac	Injection: 25mg/ml in 3ml,
Hydrocortisone	Injection: 100mg,200mg
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl- 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5%, Jelly: 2% in 30 ml, Ointment: 5% in 10gm, Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200,000, 2%+1:200,000
Metoclopramide Hydrochloride	Drops: 0.2mg/drop Injection: 5mg/ml, 5mg/2ml,
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml
Xylometazoline	(Nose Spray): 0.05%, 0.1%,

### 3.3.6. Gastroenterology Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection: 0.1mg/ml,1mg/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml,
Hydrocortisone	Injection: 100mg,200mg
Insulin Soluble	Injection: 100IU/ml SC, IV
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000 Injection: 2%+1:200,000 s
Metoclopramide Hydrochloride	Drops: 0.2mg/drop Injection: 5mg/ml, 5mg/2ml
Oral Rehydration Salt	Powder: Gram/Liter mmol/L Sodium 2.6, Sodium 75, Glucose Anhydrase 13.5, Glucose Anhydrase 75, Potassium Chloride1.5, Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2 .9, Citrate 10, Total Osmolarity = 245
Ranitidine	Injection: 25 mg/ml
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.3.7. Internal medicine Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Injection: 1gm in 100ml
Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
Adrenaline	Injection: 0.1mg/ml, 1mg/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml, 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml,
Hydrocortisone	Injection: 100mg, 200mg
Insulin Soluble	Injection: SC, IV 100IU/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Oral Rehydration Salt	Powder: Gram/Liter mmol/L: Sodium 2.6, Sodium 75, Glucose Anhydrase 13.5, Glucose Anhydrase 75, Potassium Chloride 1.5, Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2.9, Citrate 10, Total Osmolarity = 245
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose, 2mg/5ml nebulizer 1mg/ml Solution
Sodium Chloride	Injection: 0.9% 1000ml: 0.9% in 500ml
Water for Injection	Sterile water for Injection: 5ml, 10ml 5ml, 10ml

### 3.3.8. Nephrology Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection: 0.1mg/ml,1mg/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml ampule
Calcium gluconate	Injection 10%
Dexamethasone	Injection:4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Furosemide	Injection: 10 mg/ml
Hydrocortisone	Injection: 100mg,200mg
Insulin soluble	Injection: 100IU/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5% Jelly: 2% in 30 ml Ointment: 5% in 10gm Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000
Metoclopramide	Injection: 5mg/ml
Sodium bicarbonate	Injection: 7.5%(40Meq/50ml), 8.4%(50meq)
Sodium Chloride	Injection: 0.9% 500ml, 1000m
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.3.9. Neurology Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen:	Injection: 1gm in 100ml, Suppository, 125 mg, 250 mg
Adrenaline:	Injection 0.1mg/ml, 10mg
Acetyl salicylic acid	Tablet:81mg,100mg, 300mg
Atropine Sulfate:	Injection: 1mg/ml
Dexamethasone	Injection: 4mg, 8mg
Dextrose in Sodium chloride:	Injection: 5% in 500ml, 1000ml:
Dextrose: in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam:	Injection: 5mg/ml
Diclofenac:	Injection: 25mg/ml,75mg/ml
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl- 110mEq + Lactate 28mEq in 1000ml
Labetalol	Injection: 5mg/ml,
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2% Jelly: 2% in 30 ml, Ointment: 5% in 10gm, Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200,000, Injection: 2%+1:200,000 s
Mannitol:	Injection 20%, 500ml, 100g
Metoclopramide Hydrochloride:	Injection: 5mg/ml, 5mg/2ml
Nifedipine	Tablet: 20mg
Phenytoin	Injection: 50mg/ml
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Tramadol hydrochloride:	Injection: 50mg/ml
Water for Injection:	Sterile water for Injection: 5ml, 10ml

### 3.3.10. Obstetrics & gynecology Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Tablet: 500mg
Adrenaline	Injection 0.1mg/ml.1mg/ml
Anti-Rho (D) human Immunoglobulin	Injection: 300mcg,50mcg
Cimetidine	Injection: 200mg/ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:10% in 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Ergometrine	Injection: 0.2mg/ml
Hydralazine	Injection: 20mg/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride with/without adrenaline	Injection: 1%, 2% /ml
Magnesium Sulphate	Injection: 50%
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Misoprostol	Tablet: 25mcg
Misoprostol + Mifepristone	Tablet: 200mcg + 200mg
Naloxone hydrochloride	Injection: 0.4mg
Ondansetron	Injection: 2 mg/ml
Oxytocin	Injection: 10unit/ml
Pethidine Hydrochloride	Injection: 50mg/ml
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Sodium Chloride	Injection: 0.9% 500ml, 1000m
Tetracycline,	Eye ointment: 1%
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.3.11. Ophthalmology Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Atropine Sulphate	Eye drops: 1%
Dexamethasone	Eye drops Suspension: 0.1%
Dextrose in water	Injection: 5% in 250ml, 1000ml: 40%
Diclofenac	Injection: 25mg/ml in 3ml,
Hydrocortisone	Injection: 100mg, 200mg
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5%, Jelly: 2% in 30 ml, Ointment: 5% in 10gm Spray: 2%, 4%, 10 % in 80g,
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000
Povidone Iodine	Eye drops: 5%,
Sodium Chloride	Injection: 0.9% 500ml, 1000m
Tetracaine	Eye drop, 0.5%
Water for Injection	Sterile water for Injection: 5ml, 10ml

### 3.3.12. Orthopedic Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Injection 1gm Suppository 125mg, 250, Tablet:500mg
Adrenaline	Injection 0.1mg/ml,1gm/ml
Bupivacaine	Injection: 0.25%: 0.5% (hydrochloride). Injection for spinal anesthesia: 0.5% (hydrochloride) in 4- mL to be mixed with 7.5% glucose Solution
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2% Injection for spinal anesthesia: 5% (hydrochloride) in 2- mL to be mixed with 7.5% glucose Solution
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200,000, 2%+1:200,000 s
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Tetanus anti toxin	Injection:1500IU/ml
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml



### 3.3.13. Pediatrics Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Drops: 100mg/ml Injection: 1gm in 100ml Syrup, 120mg/5ml, 250mg/5ml Suppository, 125 mg, 250 mg
Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Atropine Sulfate	Injection: 1mg/ml
Chlorpheniramine	Syrup, 2mg/5ml
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Hydrocortisone	Injection: 100mg, 200mg
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5%, Ointment: 5% in 10gm, Spray: 2%, 4%, 10 % in 80g
Metoclopramide Hydrochloride	Drops: 0.2mg/drop, Injection: 5mg/ml, 5mg/2ml
Sodium chloride	Injection: 0.9% 500ml, 1000ml
Oral Rehydration Salt	Powder, each sachet for 1 liter contains: Gram/Liter mmol/L, Sodium 2.6 Sodium 75, Glucose Anhydrous 13.5 Glucose Anhydrous 75, Potassium Chloride 1.5 Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2 .9 Citrate 10, Total Osmolarity = 245
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose
Tetanus anti toxin	Injection: 1500IU/ml
Zinc Sulphate	Oral liquid: 10mg/unit Tablet: 10mg, 20mg

### 3.3.14. Psychiatry Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Chlorpromazine	Injection: 25mg/ml

Name of Medicine	Dosage form and strength
Dextrose in Sodium chloride	Injectable Solution, 5% 500ml, 1000ml:
Dextrose in water	Injectable Solution, 5% 1000ml,40%,
Diazepam	Injection: 10mg/2ml
Diclofenac	Injection: 25mg/ml,
Haloperidol	Injection: 50mg/ml, 100mg/ml
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl- 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Spray: 2%, 4%, 10 % in 80g
Phenobarbitone (Phenobarbital)	Injection: 25mg/ml, 100mg/ml
Phenytoin	Injection: 50mg/ml in 5ml
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Water for Injection:	Sterile water for Injection:5ml, 10ml

### 3.3.15. Rheumatology Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection: 0.1mg/ml, 1mg/ml
Dexamethasone	Injection 4mg/ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Sodium chloride	0.9% Solution, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diclofenac	Injection: 25mg/ml,
Ibuprofen	Injection 10mg/ml, 100mg/ml, Suspension: 100mg/ml, Tablet: 200mg, 400mg
Indomethacin	Capsule: 25mg, suppository: 100mg
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Rasburicase	Injection: 7.5mg/, 1.5mg/
Triamcinolone acetonide	Injection: 40mg/ml

### 3.3.16. Surgery Specialty Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Suppository, 125 mg, 250 mg Tablet: 500mg
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Cimetidine	Injection: 200mg/ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml,
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2% Jelly: 2% in 30 ml Ointment: 5% in 10gm Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Sodium chloride/ Sodium chloride	Injection: 0.9% 500ml, 1000m
Tetanus anti toxin	Injection: 1500IU/ml
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.4.Ambulance Service Emergency Medicine List

#### 3.4.1. Basic Ambulance service Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection 1mg/ml,0.1mg/ml
Adrenaline (Epinephrine)	Injection: 0.1%, 1:1000 1mg/ml
Activated charcoal	Powder: 15gm/120ml
Acetylsalicylic acid	Tablet: 300mg
Dextrose in water	Injection: 5% 500ml, 1000ml: 40%
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Diclofenac	Injection: 25mg/ml in 3ml, 75mg/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Hydrocortisone	Injection: 100mg,200mg
Metoclopramide	Injection: 10mg/ml
Naloxone hydrochloride	Injection: 0.4mg
Nitroglycerine	Tablet: Sublingual: 0.4 mg
Nitrofurazone	Ointment: 1% 30gm
Sodium Chloride	Injection: 0.9% Sodium Chloride: 500ml,1000ml
Oxygen	Pure oxygen
Oral Rehydration Salt	Powder, each sachet for 1 liter contains: Gram/Liter mmol/L, Sodium 2.6 Sodium 75, Glucose Anhydrase 13.5 Glucose Anhydrase 75, Potassium Chloride1.5 Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2.9 Citrate 10, Total Osmolarity = 245
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.4.2. Advanced Ambulance service Emergency Medicine List

Name of Medicine	Dosage form and strength
Adenosine	Injection: 3mg/ml in 2ml
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Adrenaline (Epinephrine)	Injection: 0.1%, 1:1000 1mg/ml
Amiodarone	Injection: 50mg /ml
Acetylsalicylic acid	Tablet: 300mg
Activated charcoal	Powder: 15gm/120ml
Atropine	Injection 1mg/ml
Dextrose in water	Injection: 5% in 500ml, 1000ml: 40%
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml,
Hydrocortisone	Injection: 100mg,200mg
Ketamine	Injection: 50mg/ml
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Metoclopramide	Injection: 10mg/ml, syrup: 10mg/ml
Nitroglycerine	Tablet: Sublingual: 0.4 mg
Naloxone hydrochloride	Injection: 0.4mg
Nitrofurazone	Ointment: 1% 30gm
Oxygen	Pure oxygen
Ergotamine	Injection: 0.2mg/ml, Tablet: 2mg
Salbutamol	Oral Inhalation (aerosol): 0.1 mg/dose
Sodium chloride	Injection: 0.9% 500ml,1000ml
Suxamethonium chloride	Injection 50mg/ml
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.5. Other Health Facilities

#### 3.5.1. Dental Medium Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline:	Injection 0.1mg/ml, 1mg/ml
Atropine Sulfate:	Injection: 1mg/ml
Dextrose in Sodium chloride:	Injection: 5% 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml:40%
Diclofenac:	Injection: 25mg/ml in 3ml,
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride with/without adrenaline:	Injection: 1%, 2% /ml, Spray: 2%, 4%, 10 % in 80g
Water for Injection:	Sterile water for Injection:5ml, 10ml

### 3.5.2. Dialysis Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Injection: 1gm in 100ml
Adrenaline	Injection: 0.1mg/ml, 1mg/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Calcium gluconate	Tablet: :100mg/ml
Cimetidine	Injection: 200mg/ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml, 40%
Diazepam	Injection: 5mg/ml
Furosemide	Injection: 10Mg/ml
Heparin	Injection 5000IU/M
Hydralazine	Injection: 20mg/ml
Hydrocortisone	Injection: 100mg,200mg
Insulin soluble	Injection: 100IU
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride with/without adrenaline	Injection: 1%, 2% /ml
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml Syrup, 5mg/5ml
Ondansetron	Injection: 2 mg/ml
Potassium chloride	Injection: 20Meq, 40Meq
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml



### 3.5.3. Medium Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Drops: 100mg/ml Suppository, 125 mg, 250 mg
Acetylsalicylic acid	Tablet: 300mg
Activated Charcoal	Powder for reconstitution: 15gm/120ml, 25gm
Adrenaline	Injection: 0.1mg/ml, 1mg/ml
Atropine Sulfate	Injection: 1mg/ml in 1 ml
Cimetidine	Injection: 200mg/ml
Dexamethasone	Injection: 4mg/ml, 8mg/ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/ml in 3ml,
Hydrocortisone	Injection: 40mg/ml, 80mg/2ml
Hydrocortisone	Injection: 100mg, 200mg
Insulin Soluble	Injection: SC, IV 100IU/ml
Lactated Ringer's	Injectable Solution: $K^+$ 4mEq + $Na^+$ 130mEq + $Ca^{+}$ , 3mEq + $Cl^-$ 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2% Jelly: 2% in 30 ml Ointment: 5% in 10gm Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000 Injection: 2% + 1:200,000 s
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Nitrofurazone	Ointment: 30gm, 45gm
Nitroglycerine	Tablet: Sublingual: 0.4 mcg
Oral Rehydration Salt	Powder: each sachet for 1 liter contains: Powder, each sachet for 1 liter contains: Gram/Liter mmol/L, Sodium 2.6 Sodium 75, Glucose Anhydrase 13.5 Glucose Anhydrase 75, Potassium Chloride 1.5 Potassium 20, Chloride 65, Trisodium Citrate Dehydrate 2.9 Citrate 10, Total Osmolarity = 245
Oxytocin	Injection: 10unit/ml
Phytomenadione (Vitamin K)	Injection: 1mg/0.5ml, 10mg/ml
Sodium Chloride	Injection: 0.9% 500ml, 1000m
Tetracycline,	Eye ointment: 1%
Water for Injection	Sterile water for Injection: 5ml, 10ml

<b>Name of Medicine</b>	<b>Dosage form and strength</b>
Zinc Sulphate	Tablet: 10mg,20mg Oral liquid: 10mg/unit

### 3.5.4. Mobile Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Tablet: 500mg Drops: 100mg/ml Syrup, 120mg/5ml, 250mg/5ml, Suppository, 125 mg, 250 mg
Acetazolamide	Tablet: 250mg, 500mg
Adrenaline	Injection: 1mg/ml
Atropine Sulphate	Eye drop: 1%
Dexamethasone	Injection: 4mg ,8mg
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:10% in 500ml, 1000ml
Dextrose in water	Injection: 5% 250ml, 1000ml, 40%
Diclofenac	Injection: 25mg/ml in 3ml,
Gentamycin	Injection: 20mg/2ml, 80mg/2ml
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200,000,2%+1:200,000 s
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2%, 5%, Jelly: 2% in 30 ml, Ointment: 5% in 10gm, Spray: 2%, 4%, 10 % in 80g
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.5.5. Nursing Home Healthcare Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen:	Drops: 100mg/ml Tablet: 500mg Suppository, 125 mg, 250 mg,
Adrenaline:	Injection 0.1mg/ml, 1mg/ml
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Dextrose in Sodium chloride:	Injection: 5% in 500ml, 1000ml:
Diclofenac:	Injection: 25mg/ml in 3ml,
Lactated Ringer's	Injectable Solution: K+4mEq + Na + 130mEq + Ca+, 3mEq + Cl- 110mEq + Lactate 28mEq in 1000ml
Sodium Chloride:	Injection: 0.9% 500ml, 1000m
Water for Injection:	Sterile water for Injection:5ml, 10ml 5ml, 10ml

### 3.5.6. Ophthalmic Medium Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline (Epinephrine)	Injection: 0.1%, 1:1000 1mg/ml
Atropine Sulphate	Eye drops: 1%
Dexamethasone	Eye drops Suspension: 0.1%
Dextrose	Injection: 5% 250ml, 1000ml: 40%
Diclofenac	Injection: 25mg/ml in 3ml,
Hydrocortisone	Injection: 100mg,200mg
Lidocaine Hydrochloride	Jelly: 2% in 30 ml, Injection: 0.5%, 1%, 2%, 5%, Ointment: 5% in 10gm, Spray: 2%, 4%, 10 % in 80g
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200,000, 2% + 1:200, 000
Povidone Iodine	Eye drops: 10% V/V
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Tetracycline,	Eye ointment: 1%
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.5.7. Optometry Medium Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Acetaminophen	Drops: 100mg/ml
Atropine Sulfate	Eye Drop: 1%
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.5.8. Primary Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Adrenaline	Injection 0.1mg/ml, 1mg/ml
Atropine Sulphate	Injection: 1mg/ml,100mg/ml
Activated charcoal	Powder: 15gm/120ml
Dextrose in water	Injectable Solution, 5%in 1000ml,40% ,50%in 50ml
Dextrose in Sodium chloride	Injection: 5% in 500ml, 1000ml:
Ergometrine	Injection: 0.2mg/ml
Hydrogen Peroxide	Solution: 3%
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200, 000
Lidocaine Hydrochloride	Injection: 0.5%, 1%, 2% Ointment: 5% in 10gm
Nitrofurazone	Ointment 1%
Phytomenadione Vitamin k	Injection: 1mg/0.5ml, 10mg/1ml
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Tetracycline,	Eye ointment: 1%
Water for Injection	Sterile water for Injection:5ml, 10ml

### 3.5.9. Sexual & Reproductive Health Medium Clinic Emergency Medicine List

Name of Medicine	Dosage form and strength
Acetaminophen	Suppository: 125mg Tablet: 500mg
Adrenaline	Injection 0.1mg/ml
Dextrose in Sodium chloride	Injection: 5% 500ml, 1000ml:
Dextrose in water	Injection: 5% 250ml, 1000ml: 40%
Diclofenac	Injection:25mg/ml,
Ergometrine	Injection: 0.2mg/ml
Hydrocortisone	Injection: 100mg,200mg
Lactated Ringer's	Injectable Solution: K <sup>+</sup> 4mEq + Na <sup>+</sup> 130mEq + Ca <sup>+</sup> , 3mEq + Cl <sup>-</sup> 110mEq + Lactate 28mEq in 1000ml
Lidocaine Hydrochloride + Adrenaline	Injection: 1% + 1:200,000, 2% + 1:200, 000
Lidocaine Hydrochloride	Injection: 1%, 2% /ml
Magnesium Sulphate	Injection: 50%
Metoclopramide Hydrochloride	Injection: 5mg/ml, 5mg/2ml
Misoprostol	Tablet: 25mcg
Misoprostol + Mifepristone	Tablet: 200mcg + 200mg
Oxytocin	Injection: 10unit/ml
Phytomenadione (Vitamin K1)	Injection: 1mg/0.5ml, 10mg/ml
Sodium Chloride	Injection: 0.9% 500ml, 1000ml
Tetracycline,	Eye ointment: 1%
Tramadol hydrochloride	Injection: 50mg/ml
Water for Injection	Sterile water for Injection:5ml, 10ml



## Annex I: Resuscitation Medicines for Primary plus Healthcare Service

Specialty Clinics, Medium Clinic, Primary Clinic, Health Center	
Name of Medicine	Dosage form and strength
Atropine	Injection: 1mg/10ml
Dextrose in water	Injection: 5% 500ml or 1000ml, 40%
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/3ml
Diphenhydramine	Injection: 50mg/ml
Epinephrine	Injection: 1mg/10 ml (1:10,000)
Furosemide	Injection: 20mg/ml
Hydrocortisone	Injection: 100mg/2ml
Lidocaine	Injection: 1%, 2%
Lidocaine + Adrenaline	Injection: 1% + 1:200,000, 2%+1:200,000
Ringer Lactates	Injection: 500ml or 1000ml
Sodium bicarbonate	Injection: 50mEq/50 ml
Sodium Chloride	Injection: 0.9% 500ml or 1000ml

## Annex II: Resuscitation Medicines for Secondary healthcare service

Primary Hospital, General hospital, Specialty centers	
Name of Medicine	Dosage form and strength
Acetylsalicylic acid	Tablet: 300mg
Activated Charcoal	Powder: 15gm/120ml
Adenosine	Injection: 3mg/ml in 2ml
Amiodarone	Injection: 150 mg/3ml
Atropine	Injection: 1mg/10 ml
Calcium gluconate	Injection: 10%/10ml
Dextrose in water	Injection: 5% 500ml, 1000ml, 40%
Dexamethasone	Injection: 4mg/ml
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/3ml
Diphenhydramine	Injection: 50mg/ml
Dopamine	Injection: 400 mg/250 ml
Epinephrine	Injection: 1 mg/10 ml (1:10,000)
Furosemide	Injection: 20mg/ml
Hydrocortisone	Injection: 100mg
Ketamine	Injection: 50mg/ml
Lidocaine	Injection: 100 mg /5ml
Lidocaine + Adrenaline	Injection: 1% + 1:200,000, 2%+1:200,000
Labetalol	Injection: 5mg/ml
Magnesium	Injection: 50% (100gm)
Metoclopramide	Injection: 10mg
Nifedipine	Tablet/Sublingual: 20mg,
Nitroglycerine	Sublingual: 400mcg,
Noradrenaline	Injection: 1mg/ml
Salbutamol	Nebulizer: 1mg/ml
Potassium chloride	Injection: 20meq or 40meq
Ringer Lactates	Injection: 500ml or 1000ml
Sodium bicarbonate	Injection: 50mEq/50 ml
Sodium chloride	Injection: 0.9% 500ml or 1000ml
Suxamethonium Chloride	Injection: 50mg/ml
Ringer Lactates	Injection: 500ml or 1000ml

### Annex III: Resuscitation Medicines for Tertiary healthcare service

Comprehensive Hospitals	
Name of Medicine	Dosage form and strength
Acetylsalicylic acid	Tablet: 300mg
Activated Charcoal	Powder: 15gm/120ml
Adenosine	Injection: 3mg/ml in 2ml
Amiodarone	Injection: 150 mg/3ml
Atropine	Injection: 1mg/10 ml
Calcium gluconate	Injection: 10%/10ml
Dextrose in water	Injection: 5% 500ml, 1000ml, 40%
Dexamethasone	Injection: 4mg/ml
Diazepam	Injection: 5mg/ml
Diclofenac	Injection: 25mg/3ml
Diphenhydramine	Injection: 50mg/ml
Dobutamine	Injection: 250mg
Dopamine	Injection: 400 mg/250 ml
Epinephrine	Injection: 1 mg/10 ml (1:10,000)
Fentanyl	Injection: 50mcg/ ml
Furosemide	Injection: 20mg/ml
Hydrocortisone	Injection: 100mg
Ketamine	Injection: 50mg/ml
Lidocaine	Injection: 100 mg /5ml
Lidocaine + Adrenaline	Injection: 1% + 1:200,000, 2%+1:200,000
Labetalol	Injection: 5mg/ml
Magnesium	Injection: 50% (100gm)
Metoclopramide	Injection: 10mg
Nifedipine	Tablet/Sublingual: 20mg,
Nitroglycerine	Sublingual: 400mcg,
Noradrenaline	Injection: 1mg/ml
Salbutamol	Nebulizer: 1mg/ml
Potassium chloride	Injection: 20meq or 40meq
Ringer Lactates	Injection: 500ml or 1000ml
Sodium bicarbonate	Injection: 50mEq/50 ml
Sodium chloride	Injection: 0.9% 500ml or 1000ml
Suxamethonium Chloride	Injection: 50mg/ml
Ringer Lactates	Injection: 500ml or 1000ml
Vecuronium	Injection: 10 mg

## Annex IV: Consultative Workshop Participants List

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