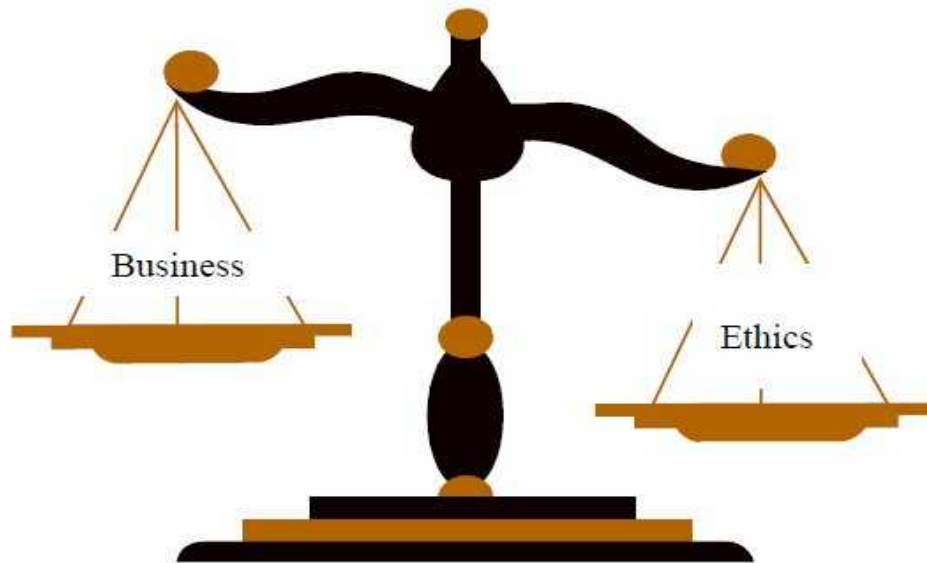


EMERGENCY MEDICINES LIST

**(EML)
FIRST EDITION**



**ETHIOPIAN FOOD, MEDICINE AND HEALTH CARE
ADMINISTRATION AND CONTROL AUTHORITY**

**ADDIS ABABA
November, 2014**

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Last but not least, the Authority would like to give special acknowledgement to all participants of the consultative workshops and national drug advisory committee for their invaluable contributions in scrutinize and finalizing this list.

FOREWORD

Pharmacotherapy has always been an integral part of health care system and will remain so in the future. This relies on the availability of safe, effective and affordable medicines with the required quality, in reasonable amount. Moreover, on the rational prescribing, dispensing and use of such medicines.

According to Ethiopian Food, Medicine and Health Care Administration and Control Proclamation No. 661/2009 medicines which are required for prevention, diagnosis, treatment, mitigation and rehabilitation of diseases affecting the Ethiopian people have to be developed and classified to respective levels of health service delivery by the Authority.

The List of Medicines for Emergency Medical Service is prepared in light of the above principle and the latest developments in the fields of medicine and pharmacy and by taking the new three-tier health care delivery system into consideration. Hence, users of this Emergency medicines list are advised to refer to the respective sub-lists relevant to their level of services.

It gives me a great pleasure to introduce Emergency Medicine list to all beneficiaries, which is the fruit of the joint effort of the staff of the Authority, development partners as well as the participants of the consultative workshops.

I hope that the Emergency Medicines List will serve as useful guides for prevention and treatment of life threatening emergency medical case of the community.

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, Medicines and Healthcare Administration and control Authority of Ethiopia.

YEHULU DENEKEW ALAMNEH
Director General,
EFMHACA

INTRODUCTION

It is by far known that medicines are the key integral components of a health care system. Although there are immense active pharmaceutical entities in the global market, limiting medicines that shall be used within a given country in a given situation is prominent. This is done with due regard to factors like; safety, efficacy, quality, cost- benefit ratio, indication for treatment of diseases considered significant in the national context, sufficient experience with the medicines and other factors.

Through its health and drug policies and Food, Medicine and Healthcare Administration and Control Authority Proclamation No.661/2009, the Government of Ethiopia has reaffirmed that the medicines used in health services within the nation shall be determined on the basis of the country's health problems and capabilities. Thus, to materialize this objective, it is necessary to select medicines which are required for promotion, prevention, diagnosis, treatment/mitigation and rehabilitation of diseases affecting the Ethiopian population.

In the light of the latest development in the fields of medicine and pharmacy and the revised national medicine list of Ethiopia, in addition considering the disease pattern of the community this Emergency Medicine List is prepared for primary level clinic, medium clinic and specialty clinic who are not allowed to have pharmacy unit as per the national minimum standard. The prepared emergency list consists two parts, the first part contain commonly prescribed list of emergency medicine. And the second part of EML classified emergency medicines to different health institutions. Therefore health institutions should refer the sub-list which is relevant to the service they render.

The list of emergency medicine has been developed though various consultative meeting and workshops with concerned health professionals and institutions. The medicines in the list should be administered to emergency patients only treated in the health institutions, purchased from legal medicine retail outlets on the basis of prescription paper and legal receipt. The stock that should be handled and hoarding of such medicine is prohibited. In addition each medicine administered to emergency patient should be registered in emergency medicine administration registration book.

Users of this medicines list are advised to refer to the sub-list which is relevant to the level of service they render. Since the process of revising Emergency Medicine list is a continuous process which takes into account changing priorities for public health action as well as progress in pharmacological and pharmaceutical findings, this list will be subjected to continuous revision. Consequently, all users of this list are strongly invited to send their comments and suggestions to the Food, Medicine and Healthcare Administration and Control Authority of Ethiopia, P.O. Box 5681, Tel. 251-11 552 41 22, website www.fmhaca.gov.et , email regulatory@fmhaca.gov.et Addis Ababa, Ethiopia.

PART One: Common Emergency Medicines List

PHARMACOTHERAPEUTIC CLASSIFICATION OF EMERGENCY MEDICINES

00 Cardiovascular

CA100. Arrhythmic

CA101 Tachyarrhythmia

- | | |
|-------------------------------|--|
| 1. Adenosine | Injection, 3mg/ml |
| 2. Amiodarone | Injection, 50mg /ml |
| 3. Digoxin | Injection, 0.1mg/ml, 0.25mg/ml |
| 4. Lidocaine hydrochloride | Injection 5mg/ml,10mg/ml, 20mg/ml in 20ml vial |
| 5. Metoprolol | Injection, 1mg/ml, 5mg/ml |
| 6. Magnesium Sulfate | Injection, 2%, 5%, 10%, 20%, 50% in 20ml |
| 7. Procainamide Hydrochloride | Injection,100mg/ml in 10ml vial |
| 8. Propranolol Hydrochloride | Injection 1mg/ml |
| 9. Verapamil | Injection 2.5mg/ml |

CA102 Bradyarrthmias

- | | |
|---------------------|-----------------------------------|
| 1. Atropine Sulfate | Injection, 1mg/ml in 1 ml ampoule |
| 2. Isoprenaline | Injection,0.02mg/ml |

CA 200 Antihypertensive

- | | |
|-------------------------|---|
| 1. Hydrallazine | Injection, 20mg/ml in 1ampule |
| 2. Labetalol | Injection, 5mg/ml, 1000mg/20ml |
| 3. Nitroglycerine | Infusion, 0.1mg/ml, 0.2mg/ml, 0.4mg/ml Injection, 5mg/mg |
| 4. Sodium Nitroprusside | Powder for injection, 50mg in ampoule |

CA 400. Inotropic Agents

- | | |
|---------------|-----------------------------|
| 1. Adrenaline | Injection, 0.1mg/ml |
| 2. Dobutamine | Powder for injection, 250mg |
| 3. Dopamine | Injection, 40mg/ml |

CA 500. Drug used for Cardiac arrest

1. Adrenalin Injection, 0.1mg/ml
2. Amiodarone Injection, 50mg /ml
3. Atropine sulfate Injection, 1mg/ml in 1 ml ampoule
4. Lidocaine Injection 5mg/ml,10mg/ml, 20mg/ml in 20ml vial
5. Magnesium Sulfate Injection, 2%, 5%, 10%, 20%, 50% in 20ml
6. Norepinephrine Injectable Solution, 1mg/ml
7. Procainamide Hydrochloride Injection,100mg/ml in 10ml vial
8. Sodium Chloride Injection 0.9% (Normal Saline), 10ml, 20ml, 500ml, 1000ml; 235mg/ml, 3% in 500ml
Injection, 30%- 30mg in 10ml
9. Oxygen inhalation
10. Sodium bicarbonate Injection (concentrated), 7.5%(40mEq/50ml) in 50ml ampoule; 8.4%(50meq/50ml)

CA: 600 Acute Coronary Syndrome

CA: 601 Antiplatelets

1. Acetylsalicylic acid Tablet, 71mg, 75mg & 81mg
2. Clopidogrel Tablet, 75mg

CA: 602 Anticoagulant

1. Dalteparin Injection, (Antifactor Xa), 5,000U, 10000U, 25000U, 75000U
Perfeilled Syringe, 5000U, 7500U, 10000U
2. Enxaparin Injection, 20mg/0.2ml, 40mg/0.4ml, 60mg/0.6ml, 80mg/0.8ml, 100mg/ml
3. Heparin Injection, 1000U/ml, 5000U/ml, 10000U/ml, 12500U/ml, 25000U/ml
Injection, 1000IU in 500 Normal Salin

00 Central Nerves System

CN100 Analgesics

1. Diclofenac Injection, 25mg/ml in 3ml ampoule, 75mg/ml

CN 200 Anticholinergics

1. Atropine Sulfate Injection, 1mg/ml in 1 ml ampoule

2. Benztropine Injection, 1mg/ml in 2ml ampoule

CN 300 Neuroleptics

3. Haloperidol Injection, 5mg/ml in 1ml ampoule

CN-400 Subarachnoid hemorrhage

1. Nimodipine Injection, 1mg/5ml

00 Gastrointestinal medicine**GI 100 Antiemetic**

1. Chlorpromazine Hydrochloride Drops, 25mg/drop
Injection, 25mg/ml, 25mg/2ml in 2ml,
50mg/2ml

2. Metoclopramide Drops, 0.2mg/drop
Injection, 5mg/ml, 5mg/2ml in 2ml ampoule

3. Promethazine Injection, 25mg/ml, 25mg/2ml in 1ml & 2ml
ampoule

GI 200 Antispasmodic

1. Atropine sulfate Injection, 1mg/ml in 1 ml ampoule

2. Hyoscine (scopolamine) butyl bromide Drops, 5mg/5ml
Injection, 20mg/ml

3. Hyoscine (scopolamine) hydro bromide Injection, 0.4mg/ml, 0.6mg/ml in 1ml
ampoul

GI 400 Medicine used in dehydration

| | | | | |
|--------------------------|---|------|-----------------------|----|
| 1. Oral Rehydration Salt | Powder, each sachet for 1 liter contains: | | | |
| | <u>Gram/Liter</u> | | <u>mmol/L</u> | |
| | Sodium | 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 = 24 | |
| 2. Sodium Chloride | Injection 0.9% (Normal Saline), 10ml, 20ml, 500ml, 1000ml; 235mg/ml, 3% in 500ml Injection, 30%- 30mg in 10ml | | | |
| 3. Ringer's Lactate | Inject able solution, each 1000ml contains: K^+ 5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl^- 111.5mEq + Lactate 28.2mEq in 500ml, 1000ml | | | |

00 Endocrine Emergencies

EN 100 Corticosteroids

| | |
|-----------------------|---|
| 1. Dexamethasone | Injection, 4mg/ml, 25mg/ml, 50mg/ml |
| 2. Hydrocortisone | Injection (Sodium Succinate), 50mg/ml in 2ml ampoule, 125 mg/ml Powder for Injection, 25mg/ampoule, 500mg in vial |
| 3. Methylpredinsolone | Injection,(aqueous suspension), 40mg/ml 80mg/ml in 1ml & 2ml ampoules |
| 4. Prednisolone | Injection (Sodium Phosphate), 10mg/ml, 25mg/ml in 2ml ampoule |

EN 200 Diabetic emergency

| | |
|--|--|
| 1. Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| 2. Insulin Soluble/ Neutral Human, Procaïn & Bovine) | Injection, 100u/ml |

EN 300 Gynecological and obstetrics

- | | |
|------------------------|--|
| 1. Ergometrine Maleate | Injection, 0.25 mg/ml, 0.5 mg/ml |
| 2. Oxytocin | Injection, 1unit/ml, 5unit/ml, 10unit/ml |
| 3. Magnesium Sulfate | Injection, 2%, 5%, 10%, 20%, 50% in 20ml |
| 4. Teteracycline | Eye drop, 1% Eye ointment 1% |

EN: 400 Thyroid Emergencies

- | | |
|---|--|
| 1. Hydrocortisone | Injection, 50mg/ml , 125mg/ml Powder for injection, 25mg/ampoule, 500mg in vial |
| 2. Iodine + Potassium Iodide (Lugol's solution) | Solution, 5%+ 10% |
| 3. Propranalol | Injection, 1mg/ml |

00 Medicines for correcting water, electrolyte and acid – base disturbances

- | | |
|---|---|
| 1. Calcium Gluconate | Injection, 10% in 10ml ampule |
| 2. Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| 3. Dextrose with Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| 4. Ringer's Lactate (Hartmann's Normal) | Inject able solution, each 1000ml contains: K^+ 5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl^- 111.5mEq + Lactate 28.2mEq in 500ml, 1000ml |
| 5. Potassium chloride | Injection, 150mg/ml in 10ml ampoule |
| 6. Sodium Chloride | Injection 0.9% (Normal Saline), 10ml, 20ml, 500ml, 1000ml; 235mg/ml, 3% in 500ml Injection, 30%- 30mg in 10ml |

00 Respiratory Medicine

RS 100 Anti-Asthma Drugs

- | | |
|------------------|--------------------------------------|
| 1. Adrenaline | Injection, 0.1mg/ml |
| 2. Aminophylline | Injection, 250mg /10ml in 10ml& 20ml |

- | | |
|------------------------|--|
| 3. Hydrocortisone | Injection (Sodium Succinate), 50mg/ml in 2ml ampoule, 125 mg/ml Powder for Injection, 25mg/ampoule, 500mg in vial |
| 4. Ipratropium bromide | Aerosol, 20mcg/meter inhalation; 40mcg/meter inhalation |
| 5. Oxygen inhalation | |
| 6. Prednisolone | Injection (Sodium Phosphate), 10mg/ml, 25mg/ml in 2ml ampoule |
| 7. Salbutamol | Oral inhalation, 0.1mg/dose; Nebulizer solution, 2.5mg/2.5ml |

RS 300 Exacerbation of Chronic Obstructive Pulmonary Disease

- | | |
|------------------------|--|
| 1. Hydrocortisone | Injection (Sodium Succinate), 50mg/ml in 2ml ampoule, 125 mg/ml Powder for Injection, 25mg/ampoule, 500mg in vial |
| 2. Ipratropium bromide | Aerosol, 20mcg/meter inhalation; 40mcg/meter inhalation |
| 3. Oxygen inhalation | |
| 4. Prednisolone | Injection (Sodium Phosphate), 10mg/ml, 25mg/ml in 2ml ampoule |
| 5. Salbutamol | Oral inhalation, 0.1mg/dose; Nebulizer solution, 2.5mg/2.5ml |

00 Ophthalmic Emergency

- | | |
|------------------|---------------------------------|
| 1. Acetazolamide | Injection, 125mg, 500mg |
| 2. Gentamycin | Injection, 40mg/ml, 80mg/2ml |
| 3. Tetracaine | Eye drop, 0.5% |
| 4. Teteracycline | Eye drop, 1% Eye ointment 1% |

5. Tropicamide

Eye drop, 0.5%, 1%

00 Medicine for Poisoning and Over Dose

1. Activated Charcoal

Tablet, 125mg, 250mg
Powder for reconstitution, 15gm/120ml, 25gm
Gel, 300ml

2. Acetylcysteine

Injection, 200mg/ml in 10ml ampoule

3. Adrenaline

Injection, 0.1mg/ml

4. Atropine Sulfate

Injection, 1mg/ml in 1 ml ampoule

5. Calcium Chloride

Injection, 10% (100mg/ml), 13.6mEq
Calcium
in 10ml, 5mmol of calcium & Ions in 5ml

6. Digoxin Immune Fab (Ovine)
Digoxin specific, antibody fragments

Powder for injection, 40mg

7. Ipecac

Syrup, 7% powder

8. Naloxone

Injection, 0.02mg/ml in 2ml ampoule,
0.4mg/ml in 1ml and 10ml ampoule, 1mg/ml

9. Physostigmine Salicylate

Injection, 1mg/ml in 1ml and 2ml ampoule

10. Pralidoxime

Powder for injection, 1g/vial

11. Protamine Sulfate

Injection, 10mg/ml,

12. Rabies Antiserum, Equine

Injection, 200units in 5ml

13. Snake Venom Antiserum polyvalent

Injection, 10ml

14. Vitamin K

Injection, 10mg/ml in 1ml ampoule

15. Universal Antidote (Charcoal +
Tannic acid + Magnesium oxide)

Powder, 2parts+1part+1part

PART TWO: Specialty specific Emergency Medicines List

EMERGENCY MEDICINES LIST FOR OPHTHALMOLOGY SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---------------------------------|---|
| Acetazolamide | Injection, 125mg, 500mg Tablet/Capsule, 250 mg |
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Atropine sulfate | Injection, 1mg/ml in 1ml ampoule |
| Dexamethasone | Injection, 4mg/ml, 25mg/ml, 50mg/ml |
| Gentamycin | Injection 20mg/ml or 40mg/ml (For sub-conjunctival instillation during trauma) |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Promethazine Hydrochloride | Injection, 25mg/ml |
| Tetracycline | Eye ointment, 1% Eye drop, 1% |
| Tetracaine | Eye drop, 0.5% |
| Tropicamide | Eye drop, 0.5%, 1% |

EMERGENCY MEDICINES LIST FOR **OBSTETRICS & GYNAECOLOGY** SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---|---|
| Activated charcoal | Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml |
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Aminophylline | Injection, 250mg/10ml, in 10ml and 20 ml |
| Dexamethasone | Injection, 4mg/ml, 25mg/ml, 50mg/ml |
| Dextrose in Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Ergometrine Maleate | Injection, 0.25 mg/ml, 0.5 mg/ml Tablet, 0.25mg, 0.5mg |
| Hydralazine | Injection, 20mg/ml in 1ml ampoule |
| Ipecac | Syrup, 7% powdered Ipecac |
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K^+ $5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl^-$ $111.5mEq + Lactate 28.2mEq$ in 500ml, 1000ml |
| Levonorgestrel (Post Pill) | Tablet, 0.75mg |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Magnesium Sulfate | Injection, 2%, 5%, 10%, 20%, 50% in 20ml |
| Oxytocin | Injection, 1unit/ml, 5unit/ml, 10unit/ml |
| Oxygen Inhalation | |
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |
| Sodium Chloride (NS) | Injection 0.9% 10ml, 20ml, 500ml, 1000ml; |

Tetracycline

Eye ointment, 1%
Eye drop, 1%

Universal Antidot (Charcoal +
Tannic acid + Magnesium oxide)

Powder, 2parts+1part+1part

EMERGENCY MEDICINES LIST FOR **PSYCHIATRY** SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|--|--|
| Activated charcoal | Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml |
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Aminophylline | Injection, 250mg/10ml, in 10ml and 20 ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Haloperidol | Injection, 5mg/ml in 1ml ampoule |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Ipecac | Syrup, 7% powdered Ipecac |
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K^+ 5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl^- 111.5mEq +Lactate 28.2mEq in 500ml, 1000ml |
| Levonorgestrel (Post Pill) | Tablet, 0.75mg |
| Oxygen Inhalation | |
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |
| Promethazine Hydrochloride | Injection, 25mg/ml |
| Universal Antidot (Charcoal + Tannic acid +Magnesium oxide) | Powder, 2parts+1part+1part |

EMERGENCY MEDICINES LIST FOR ENT SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---|---|
| Activated charcoal | Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml |
| Albuterol/ sulbutamol | Injection, 5mg/ml in 1ml ampule |
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Aminophylline | Injection, 250mg/10ml, in 10ml and 20 ml |
| Atropine sulfate | Injection, 1mg/ml in 1ml ampoule |
| Dexamethasone | Injection, 4mg/ml, 25mg/ml, 50mg/ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Ipecac | Syrup, 7% powdered Ipecac |
| Lactated Ringer's (Hartmann's Solution | Injectable solution, each 1000ml contains: K^+ $5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl^-$ $111.5mEq + Lactate 28.2mEq$ in 500ml, 1000ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Oxygen Inhalation | |
| Universal Antidot (Charcoal + Tannic acid + Magnesium oxide) | Powder, 2parts+1part+1part |

EMERGENCY MEDICINES LIST FOR **ORTHOPAEDICS** SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---------------------------------|--|
| Adrenaline (Epinephrine) | Injection, 0.1% in 1ml ampoule, 1:1000 1mg/ml |
| Dextrose in Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Oxygen Inhalation | |
| Sodium Chloride | Injection 0.9% 10ml, 20ml, 500ml, 1000ml; 235mg/ml, 3% in 500ml Injection, 30%- 30mg in 10ml |

EMERGENCY MEDICINES LIST FOR **NEUROLOGY** SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---|---|
| Adrenaline (Epinephrine) | Injection, 0.1% in 1ml ampoule, 1:1000 1mg/ml |
| Aminophylline | Injection, 250mg/10ml, in 10ml and 20 ml |
| Dexamethasone | Injection, 4mg/ml, 25mg/ml, 50mg/ml |
| Dextrose in Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K^+ 5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl 111.5 mEq + Lactate 28.2mEq in 500ml, 1000ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Oxygen Inhalation | |
| Sodium Chloride | Injection 0.9% 10ml, 20ml, 500ml, 1000ml |

EMERGENCY MEDICINES LIST FOR **CARDIOVASCULAR** SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---------------------------------|---|
| Activated charcoal | Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml |
| Adenosine | Injection 3mg/ml |
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Aminophylline | Injection, 250mg/10ml, in 10ml and 20 ml |
| Amiodarone | Injection, 50mg/ml |
| Calcium Gluconate | Injection, 10% (100mg/ml), 13.6mEq Calcium in 10ml, 5mmol of calcium & Ions in 5ml |
| Dexamethasone | Injection, 4mg/ml, 25mg/ml, 50mg/ml |
| Dextrosein Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Digoxin | Injection, 0.1 mg/ml in 1ml ampoule; 0.25mg/ml in 2ml ampoule |
| Dobutamine | Powder for Injection, 250mg |
| Dopamine hydrochloride | Injection, 40mg/ml |
| Glyceryl trinitrate | Injection 5mg/ml |
| Hydralazine | Injection, 20mg/ml in 1ml ampoule |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Ipecac | Syrup, 7% powdered Ipecac |
| Isosorbide Dinitrate | Tablet, (Sublingual), 5mg, 10mg |

| | |
|--|--|
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K^+ 5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl^- 111.5mEq +Lactate 28.2mEq in 500ml, 1000ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Magnesium Sulfate | Injection, 2%, 5%, 10%, 20%, 50% in 20ml |
| Metoprolol | Injection, 1mg/ml, 5mg/ml |
| Oxygen Inhalation | |
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |
| Protamine sulfate | Injection, 10mg/ml |
| Sodium Chloride | Injection 0.9% 10ml, 20ml, 500ml, 1000ml; |
| Sodium nitroprusside | Powder for injection 50mg in ampoule |
| Universal Antidot (Charcoal + Tannic acid + Magnesium oxide) | Powder, 2parts+1part+1part |

EMERGENCY MEDICINES LIST FOR **GASTROENTROLOGY** SPECIALITY
CLINIC

| NAME | Dosage form and Dose |
|---|--|
| Activated charcoal | Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml |
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Aminophylline | Injection, 250mg/10ml, in 10ml and 20 ml |
| Atropine sulfate | Injection, 1mg/ml in 1ml ampoule |
| Dextrose in Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Hyoscine Hydrobromide | Injection, 0.4mg/ml, 0.6mg/ml in 1ml ampoule |
| Insulin Soluble/Neutral (Human, porcine, and Bovine) | Injection, 100u/ml |
| Ipecac | Syrup, 7% powdered Ipecac |
| Lactated Ringer's (Hartmann's Solution | Injectable solution, each 1000ml contains: K^+ 5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl^- 111.5mEq +Lactate 28.2mEq in 500ml, 1000ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Metoclopramide | Injection, 5mg/ml, 5mg/2ml in 2ml ampoule |
| Oxygen Inhalation | |
| Sodium Chloride | Injection 0.9% 10ml, 20ml, 500ml, 1000ml |
| Universal Antidot (Charcoal + Tannic acid + Magnesium oxide) | Powder, 2parts+1part+1part |

EMERGENCY MEDICINES LIST FOR **RHEUMATOLOGY** SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---------------------------------|--|
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Dexamethasone | Injection, 4mg/ml, 25mg/ml, 50mg/ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Oxygen Inhalation | |
| Promethazine Hydrochloride | Injection, 25mg/ml |

EMERGENCY MEDICINES LIST FOR **NEPHROLOGY** SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---|---|
| Adrenaline (Epinephrine) | Injection, 0.1% in 1ml ampoule, 1:1000 1mg/ml |
| Aminophylline | Injection, 250mg/10ml, in 10ml and 20 ml |
| Calcium Gluconate | Injection, 10% (100mg/ml), 13.6mEq Calcium in 10ml, 5mmol of calcium & Ions in 5ml |
| Dextrose in Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Dopamine hydrochloride | Injection, 40mg/ml |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K^+ 5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl^- 111.5mEq + Lactate 28.2mEq in 500ml, 1000ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Oxygen Inhalation | |
| Sodium Chloride | Injection 0.9% 10ml, 20ml, 500ml, 1000ml; |
| Sodium nitroprusside | Powder for injection 50mg in ampoule |

EMERGENCY MEDICINES LIST FOR **INTERNAL MEDICINE SPECIALITY CLINIC**

| NAME | Dosage form and Dose |
|---|---|
| Activated charcoal | Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml |
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Albuterol (Salbutamol) | Oral inhalation, 0.1mg/dose; Nebulizer solution,2.5mg/2.5ml |
| Aminophylline | Injection, 250mg/10ml, in 10ml and 20 ml |
| Atropine sulfate | Injection, 1mg/ml in 1ml ampoule |
| Calcium Gluconate | Injection, 10% (100mg/ml), 13.6mEq Calcium in 10ml, 5mmol of calcium & Ions in 5ml |
| Dexamethasone | Injection, 4mg/ml, 25mg/ml, 50mg/ml |
| Dextrose in Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Dopamine hydrochloride | Injection, 40mg/ml |
| Glyceryl trinitrate | Injection 5mg/ml , |
| Hydralazine | Injection, 20mg/ml in 1ml ampoule |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Hyoscine Hydrobromide | Injection, 0.4mg/ml, 0.6mg/ml in 1ml ampoule |
| Insulin Soluble/Neutral (Human, porcine, and Bovine) | Injection, 100u/ml |
| Ipecac | Syrup, 7% powdered Ipecac |

| | |
|--|--|
| Isosorbide dinatrate | Tablet sublingual, 5mg, 10mg |
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K^+ 5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq Cl^- 111.5mEq +Lactate 28.2mEq in 500ml, 1000ml |
| LidocaineHydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Metoprolol | Injection, 1mg/ml, 5mg/ml |
| Metoclopramide | Injection, 5mg/ml, 5mg/2ml in 2ml ampoule |
| Oxygen Inhalation | |
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |
| Potassium Chloride | Injection, 150mg/ml in 10ml ampoule |
| Promethazine Hydrochloride | Injection, 25mg/ml |
| Sodium Chloride | Injection 0.9% 10ml, 20ml, 500ml, 1000ml; |
| Sodium nitroprusside | Powder for injection 50mg in ampoule |
| Universal Antidot (Charcoal + Tannic acid + Magnesium oxide) | Powder, 2parts+1part+1part |

EMERGENCY MEDICINES LIST FOR PAEDIATRICS SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|--|--|
| Activated charcoal | Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml |
| Acetaminophen | Suppository, 125mg, 250mg |
| Adenosine | Injection, 3mg/ml |
| Adrenaline (Epinephrine) | Injection, 0.1% in 1ml ampoule, 1:1000 1mg/ml |
| Dexamethasone | Injection, 4mg/ml, 25mg/ml, 50mg/ml |
| Dextrose in Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Dopamine hydrochloride | Injection, 40mg/ml |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Hyoscine Hydrobromide | Injection, 0.4mg/ml, 0.6mg/ml in 1ml ampoule |
| Insulin Soluble/Neutral Human, porcine, and Bovine) | Injection, 100u/ml |
| Ipecac | Syrup, 7% powdered Ipecac |
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K^+ $5.4mEq + Na^+ 130.7mEq + Ca^{2+} 3.6mEq Cl^-$ $111.5mEq + Lactate 28.2mEq$ in 500ml, 1000ml |
| Levonorgrel (Post Pill) | Tablet, 0.75mg (for rape purposes) |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Metoclopramide | Injection, 5mg/ml, 5mg/2ml in 2ml ampoule |
| Oxygen Inhalation | |
| Promethazine | Injection, 25mg/ml |

| | |
|---|---|
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |
| Sodium Chloride (Normal Saline) | Injection 0.9% 10ml, 20ml, 500ml, 1000ml; 235mg/ml, 3% in500ml Injection, 30%- 30mg in 10ml |
| Universal Antidot (Charcoal + Tannic acid + Magnesium oxide) | Powder, 2parts+1part+1part |

EMERGENCY MEDICINES LIST FOR CHEST SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---|---|
| Albuterol | Oral inhalation (aerosol), 0.1mg/dose Nebulizer Solution, 2.5mg/2.5ml |
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Aminophylline | Injection, 250mg/10ml in 10 &20ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Dextrose with Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Dobutamine | Powder for injection, 250mg |
| Dopamine | Injection, 40mg/ml |
| Fluticasone + Salmeterol | Aerosole, 100mcg + 50mcg/dose, 250mcg + 50mcg, 500mcg + 50mcg |
| Hydrocortisone Sodium Succinate | Injection, 50mg/ml |
| Ipratropium | Aerosol Solution, 20mcg/metered inhalation; 400mcg/metered inhalation |
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K ⁺ 5.4mEq + Na ⁺ 130.7mEq + Ca ⁺⁺ 3.6mEq Cl ⁻ 111.5mEq +Lactate 28.2mEq in 500ml, 1000ml |
| Norepinephrine | Injectable Solution, 1mg/ml |
| Oxygen Inhalation | |
| Promethazine | Injection, 25mg/ml |
| Sodium Chloride | Injection 0.9% (Normal Saline), 10ml, 20ml, 500ml, 1000ml; 235mg/ml, 3% in 500ml Injection, 30%- 30mg in 10ml |

EMERGENCY MEDICINES LIST FOR SURGERY SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|---|--|
| Adrenaline (Epinephrine) | Injection, 0.1% in 1ml ampoule, 1:1000 1mg/ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Dextrose with Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K^+ $5.4mEq$ + Na^+ $130.7mEq$ + Ca^{++} $3.6mEq$ Cl^- $111.5mEq$ + Lactate $28.2mEq$ in 500ml, 1000ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Oxygen Inhalation | |
| Sodium Chloride | Injection 0.9% (Normal Saline), 10ml, 20ml, 500ml, 1000ml; 235mg/ml, 3% in 500ml Injection, 30%- 30mg in 10ml |
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |

EMERGENCY MEDICINES LIST FOR **MEDIUM DENTAL CLINIC**

| NAME | Dosage form and Dose |
|----------------------------|--|
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Oxygen Inhalation | |
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |

EMERGENCY MEDICINES LIST FOR **DENTAL** SPECIALITY CLINIC

| NAME | Dosage form and Dose |
|----------------------------|--|
| Adrenaline (Epinephrine) | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Diclofenac | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Oxygen Inhalation | |
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |

EMERGENCY MEDICINES LIST FOR **MEDIUM** CLINIC

| NAME | Dosage form and Dose |
|--|--|
| Activated Charcoal | Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml |
| Adrenaline | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Albuterol/ sulbutamol | Injection, 5mg/ml in 1ml ampule |
| Aminophylline | Injection, 250mg/10ml, in 10ml and 20 m |
| Atropine sulfate | Injection, 1mg/ml in 1 ml ampoule |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Dextrose in Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Diclofenac Sodium | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Hydralazine | Injection, 20mg/ml in 1ml ampoule |
| Ipecac | Syrup, 7% powdered Ipecac |
| Lactated Ringer's (Hartmann's Solution) | Injectable solution, each 1000ml contains: K^+ 5.4mEq + Na^+ 130.7mEq + Ca^{++} 3.6mEq + Cl^- 111.5mEq +Lactate 28.2mEq in 500ml, 1000ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Metoclopramide | Injection, 5mg/ml, 5mg/2ml |
| Oxygen Inhalation | |
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |
| Snake Venoum Antiserum Polyvalent | Injection, 10ml |
| Sodium Chloride | Injection 0.9% (Normal Saline), 10ml, 20ml |
| Tetracycline | Eye ointment, 1% |
| Universal Antidote (Charcoal + Tannic acid + Magnesium oxide) | Powder, 2parts+1part+1part |

EMERGENCY MEDICINES FOR **PRIMARY** CLINICS

| NAME | Dosage form and Dose |
|--|--|
| Activated Charcoal | Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml |
| Adrenaline | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Dextrosein Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Diclofenac Sodium | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Ipecac | Syrup, 7% powdered Ipecac |
| Lactated Ringer's solution | Injectable solution, each 1000ml contains: K ⁺ 5.4mEq + Na ⁺ 130.7mEq + Ca ²⁺ 3.6mEq + Cl ⁻ 111.5mEq +Lactate 28.2mEq in 500ml, 1000ml |
| Lidocaine Hydrochloride | Injection, 0.5%, 1%, 2%, 5% |
| Metoclopramide | Injection, 5mg/ml, 5mg/2ml |
| Oxygen Inhalation | |
| Phytomenadione (Vitamin K) | Injection, 10mg/ml in 1ml ampoule |
| Rabies vaccine | Injection 100 ml in vial |
| Sodium Chloride | Injection 0.9% (Normal Saline), 10ml, 20ml, 500ml, |
| Snake Venom Antiserum Polyvalent | Injection, 10ml |
| Teteracycline | Eye drop, 1% Eye ointment 1% |
| Universal Antidote (Charcoal + Tannic acid + Magnesium oxide) | Powder, 2parts+1part+1part |

EMERGENCY MEDICINES FOR NURSING HOME CARE

| NAME | Dosage form and Dose |
|---------------------------|--|
| Adrenaline | Injection, 0.1%in 1ml ampoule, 1:1000 1mg/ml |
| Dextrose | Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml |
| Dextrose in Normal Saline | Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml |
| Diclofenac Sodium | Injection, 25mg/ml in 3ml ampoule, 75mg/ml |
| Metoclopramide | Injection, 5mg/ml, 5mg/2ml |
| Sodium Chloride | Injection 0.9% (Normal Saline), 10ml, 20ml, |

Annex I: Emergency Patient Medicine Administration Registration

| S. No | Date | Name of the patient | Card No | Diagnosis | Name, strength, dosage form and Quantity Administered | Name & Signature | Remark |
|--------------|-------------|----------------------------|----------------|------------------|--|-----------------------------|---------------|
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Annex II: List of Consultative Workshops Participants

| No. | Name | Organization | Profession |
|-----|----------------------------|--------------------------------------|----------------------|
| 1. | Abraham G/giorges | WHO | Pharmacist |
| 2. | Afework Nida | FMHACA | Pharmacist |
| 3. | Dessie Kiber | Amhara Health Bureau | P.Nurse |
| 4. | Dr. Ayenalem Abraha | PHSP-E | Oncologist |
| 5. | Dr. Petros Mitiku | PHSP-E | Physician |
| 6. | Dr.Kedier Abo | Halleluiah Higher Clinic | Physician |
| 7. | Dr.Selamawit Ashagre | Police Hospital | Gynecologist |
| 8. | Dr.TekleAb Zaid | PHSP-E | Physician |
| 9. | Dr.Yilikal Adamu | Addis Ababa University | Ophthalmologist |
| 10. | Ermias Mulugeta | Bethzatha Health center | Physician |
| 11. | Ephrem Abebe | School of Pharmacy AAU | Pharmacologist |
| 12. | Fekerte Sahlu | Life Addis H.c | Nurse |
| 13. | Fetlewiwork Haile | Addis Ababa Regional Health Bureau | P.Nurse |
| 14. | Gebriel Lishan | Black Lion Hospital | Pharmacist |
| 15. | Gebru w/maiden | Ethiopian Pharmaceutical association | Pharmacist |
| 16. | Kaleb Terefe | SNNPR Regional Health Bureau | Pharmacist |
| 17. | K/Mariam G/Michal | FMHACA | Pharmacist |
| 18. | Kebebush Omer | Amen Dental. | Physician |
| 19. | Mastewal Kerebih | FMHACA | Health Officer (MPH) |
| 20. | Melaku Hamibisa | Ethiopian Druggist Association | Druggist |
| 21. | Misrak Feleke | St.Paul mellenium medical College | Pharmacist |
| 22. | Netsanet Behabtu | FMHACA | Pharmacis |
| 23. | Prof. Eyasu Makonnen | FM-AAU | Pharmacologist |
| 24. | Redae G/tsadik | Tigray Regional Health Bureau | Pharmacist |
| 25. | Raey Yohannes | FMHACA | Pharmacologist |
| 26. | Sara Tesfaye | Dr Nega ENT Clinic | P.Nurse |
| 27. | Shibru Asfaw | Bethzatha Higher Clinic | Physician |
| 28. | Tesfaye Bayou | TAZMA | Physician |
| 29. | Tesfaye Worku | Meskerem MCH clinic | Gynecologist |
| 30. | Teshita Shute | Kenema Parmacy | Pharmacist |
| 31. | Worku Tesfa | Beza medium Clinic | Health officer |
| 32. | Yusuf Edris | FMHACA | Pharmacist |
| 33. | Yeshialem Bekele | FMHACA | BSC nurse |
| 34. | Abraham G/Giorgis (Ato) | WHO | Pharmacist |
| 35. | Ajema Bekele(Ato) | FMHACA | Pharmacist |
| 36. | Atlaw Abate(Ato0 | FMHACA | Pharmacist |
| 37. | Chalelgn Kassaw (Ato) | Amanuel hospital | Pharmacist |
| 38. | Dagne Seyife (Ato) | Police Hospital | Pharmacist |
| 39. | Debalke fanta(Ato) | FMHACA | Pharmacist |
| 40. | Dereje Yemane (Ato) | FMHACA | Pharmacist |
| 41. | Edgegayehu Yeshitela (W/t) | FMHACA | Pharmacist |
| 42. | Edmealem Ejigu (Ato) | USAID/SIAPS | Pharmacist |

| | | | |
|-----|-------------------------|--------------------------------------|-------------------|
| 43. | Elias Afework | Addis Ababa FMHACA | Pharmacist |
| 44. | Elias Hailu (Ato) | Korea Hospital | Pharmacist |
| 45. | Elias Temiru(Ato) | ZAF pharmaceutical | pharmacist |
| 46. | Fettework negatu | Zogdom Pharmacy | pharmacist |
| 47. | Girma Tefera (Ato) | FMHACA | Pharmacist |
| 48. | Kadir Abdela (Dr.) | Haleluya Clinic | Medical Doctor/GP |
| 49. | Mahlet Dejene(W/t) | FMHACA | Pharmacist |
| 50. | Marta Kassaye(w/t) | FMHACA | Pharmacist |
| 51. | Meleku Hambisa (Ato) | Ethiopian Druggists Association | Druggist |
| 52. | Mesele Derese (Ato) | Labora pharmaceutical | Pharmacist |
| 53. | Natinael Taye (Dr.) | Addis Cardiac Hospital | Internist |
| 54. | Nitsuh Kossye (Dr.) | AMH | Medical Doctor/GP |
| 55. | S/R Habtammesh Engdaw | Yekatit 12 hospital | Pharmacist |
| 56. | Seble Shambel (W/O) | FMHACA | Pharmacologist |
| 57. | Wallelegn w/Senbet | St. Paulos Millinium medical college | Pharmacist |
| 58. | Yisalemush Mulatu (Dr.) | Africa Higher Clinic | Medical doctor/GP |

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