



LIST OF ESSENTIAL MEDICINES FOR ETHIOPIA

FOURTH EDITION

**Food, Medicine and Healthcare Administration and
Control Authority of Ethiopia**

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Last but not least, the Authority would also like to give special acknowledgement to the National Drug Advisory Committee and all participants of the consultative workshops for their invaluable contributions in scrutinizing and finalizing this list.

FOREWORD

In most cases, healthcare services are provided both by the private and the public sectors. However, provision of basic health services usually remains to be the responsibility of the public sector. This relies, among other factors, on availing the most cost-effective medicines that satisfy priority healthcare needs of the population in adequate amount, appropriate dosage forms and of assured quality at all times.

Ethiopian drug policy ensures that the government shall provide or else systematize adequate supply of medicines which are required for prevention, diagnosis, treatment, mitigation and rehabilitation of diseases affecting the majority of the country's population. Moreover, the policy emphasizes that such medicines be critically identified and classified to respective levels of health service delivery.

It is important to recognize that the National Essential Medicines List only implies that the medicines included are adequate to meet the common contemporary health needs of the general population of the country and general obligation of the government to ensure adequate availability of such drugs in the country. Whereas exclusion of any drug from this list does not necessarily mean that it is less effective in comparison to any alternative drug which has found its place in the list.

The Authority believes that this list will serve all stakeholders and health service providers as a tool for selecting and availing the most needed medicines at every level of the healthcare system at all times.

It is also strongly believed that this list has to be regularly updated so as to reflect new therapeutic opinions, management

of emerging diseases and changing resistance patterns. Hence, I call upon all 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 through P.O. Box 5681, Tel. 251-11 552 41 22, e-mail daca@ethionet.et, Addis Ababa, Ethiopia.

Finally, I would like to express my gratitude to all those who have directly or indirectly extended their helping hands in the revision and printing of the list.

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Control Authority (FMHACA) of Ethiopia

INTRODUCTION

Provision of promotive, preventive, curative and rehabilitative health services require regular availability of relevant medicines of proven safety, efficacy and quality at an affordable price and their proper use; including proper diagnosis of health problems, prescribing, and dispensing to patients.

Essential medicines are those that satisfy the priority health care needs of the population. They are selected with due regards to public health relevance, evidence on safety, efficacy, quality and comparative cost-effectiveness. They are intended to be available within the context of functioning health systems at all times in adequate amount, appropriate dosage forms with assured quality.

Essential Medicines List is meant to guide the selection, procurement, production, distribution and storage of medicines. It can also serve as an informational and educational tool for health care professionals involved in diagnosis and treatment of diseases as well as dispensing of medicines. Furthermore, it can improve availability and promote rational use of medicines.

The Government of Ethiopia, through its drug policy, has reaffirmed its commitment to provide or else systematize the supply of medicines that adequately meet the common contemporary health needs of the general population of the country. 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 majority of the population.

A draft of the revised fourth edition of the Essential Medicines List was first prepared by the Authority using a technical working group composed of an internist, a nurse and pharmacists and then enriched through national consultative workshops. Participants involved in the workshops were specialists and professionals from various disciplines i.e. Nursing, Pharmacy, Cardiology, Dentistry, Dermatology, ENT, Internal Medicine, Neurology, Obstetrics & Gynecology, Oncology, Ophthalmology, Pediatrics, Psychiatry and Surgery; representatives of teaching institutions, professional associations, regional health bureaus, relevant departments of Ministry of Health, pharmaceutical manufacturers & importers, government hospitals and other related organizations(See Annex 1). The revised Essential Medicines List was then finalized by the National Drug Advisory Committee.

During the revision process, several factors like safety, therapeutic efficacy, quality, affordability and availability were taken into consideration. Most of the essential medicines which are included in this list are formulated as single compounds. Whereas fixed dose combination products have been selected only when the combination has a proven advantage over single compounds administered separately with regard to therapeutic efficacy, safety, and adherence or combating drug resistance. The generic or international non-proprietary names for medicines have been used and they have been arranged according to pharmacotherapeutic classifications.

The list of essential drugs does not imply that other drugs are not useful. It simply implies that in a given situation these drugs are the most needed for the population and therefore should be available at all times in adequate amount at reasonable cost; moreover such lists are subject to periodic modifications.

The Essential Medicines List for Ethiopia will be updated from time to time following changes in disease patterns and recent developments in the health sector. Therefore, all users of this list are kindly requested 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, e-mail daca@ethionet.et, Addis Ababa, Ethiopia.

PHARMACOTHERAPEUTIC CLASSIFICATION OF MEDICINES

GI.000 GASTROINTESTINAL MEDICINES

GI.100 Antacids

- | | |
|--|---|
| 1. Aluminum Hydroxide | Tablet(chewable), 500 mg
Mixture/Gel 320 mg/5ml
Suspension, 360mg/5ml |
| 2. Aluminum Hydroxide
+ Magnesium
Hydroxide♣ | Suspension, 220mg +195mg/5ml
Tablet (chewable), 400mg +
400 mg |
| 3. Magnesium Hydroxide | Suspension, 375mg/5ml, 7.75%
Tablet (chewable), 300mg, 311 mg |

GI.200 Antiulcer Agents

- | | |
|---------------|---|
| 1. Cimetidine | Injection, 200mg/ml in 2ml
ampoule
Syrup, 200mg/5ml,
Tablet, 200mg. 400mg, 800mg
Tablet (chewable), 200mg |
| 2. Omeprazole | Capsule (enclosing e/c granules),
20mg
Tablet, 20mg (enteric coated) |

♣ And any other combination ratio proven to be therapeutically effective can be used

3. Ranitidine
Injection, 10mg/ml in 5ml ampoule; 25mg/ml in 10ml ampoule
Tablet, 150mg, 300mg

GI.300 Antispasmodics/Spasmolytic Analgesics

1. Atropine sulphate
Injection, 1mg/ml in 1ml ampoule
2. Hyoscine
(Scopolamine)
Butylbromide
Injection, 20mg/ml
Tablet, 10mg
Drops, 5mg/5ml
Suppository, 7.5mg, 10mg
3. Hyoscine
(Scopolamine)
Hydrobromide
Injection, 0.4mg/ml, 0.6mg/ml in 1ml ampoule
Tablet, 0.6mg

GI.400 Antiemetics

1. Chlorpromazine
Hydrochloride
Drops, 25mg/ml
Injection, 25mg/ml, 25mg/2ml, 50mg/2ml in 1ml, and 2ml ampoules
Syrup, 25mg/5ml
Tablet, 25mg, 100mg (film/sugar coated)
2. Dimenhydrinate
Tablet, 50mg
3. Meclizine
Hydrochloride
Tablet, 12.5mg, 25mg

- | | |
|------------------------------------|--|
| 4. Metoclopramide
Hydrochloride | Injection, 5mg/ml, 5mg/2ml in
2ml ampoule Tablet, 10mg
Syrup, 5mg/5ml
Drops, 0.2mg/drop |
|------------------------------------|--|

GI.500 Cathartics and Laxatives

- | | |
|-----------------------|---|
| 1. Bisacodyl | Suppository, 5mg, 10mg
Tablet, 5mg, 10mg |
| 2. Castor oil | Liquid, 30ml, 60ml |
| 3. Glycerine | Suppository, 1gm, 1.36gm,
2gm, 2.76gm |
| 4. Lactulose | Enema, (300ml Lactulose +
700ml Water)
Syrup, 3.5mg/5ml |
| 5. Magnesium Sulphate | Oral powder in sachet |

GI.600 Medicines Used in Diarrhea

- | | |
|---------------------------------------|---------------------------------|
| 1. Loperamide | Capsule, 2mg |
| 2. Oral Rehydration Salt
contains: | Powder, each sachet for 1 litre |

	<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 Citrate	20
			10
		Total Osmolarity =	245

GI.700 Antiflatulents

1. Activated Charcoal Tablet, 125mg, 250mg

GI.800 Antihaemorrhoidal Agents

1. Bismuth Subgallate Ointment, 2.25% +0.875%
Compound* +1.875% +10.75%
(Bismuth Subgallate + Suppository, 59mg +24mg +
Bismuth 49mg +296mg
Oxide +Peru Balsam+
Zinc Oxide)
2. Bismuth Subgallate Ointment, 2.25% + 0.875% +
Compound * 1.875% +10.75% +0.25% +1.25%
With Hydrocortisone Suppository, 59mg + 24mg +
(Bismuth 49mg +296mg +10mg + 33mg
Subgallate + Bismuth
Oxide + Peru Balsam +
Zinc Oxide +
Hydrocortisone Acetate
+ Benzyl Benzoate)

* And any other antihaemorrhoidal preparation proven to be therapeutically effective can be used

CV.000 CARDIOVASCULAR MEDICINES

CV.100 Medicines Used for Congestive Cardiac Failure

- | | |
|------------------------|--|
| 1. Captopril | Tablet, 12.5mg, 25mg,
50mg, 100mg |
| 2. Digoxin | Elixir, 0.05mg/ml
Injection, 0.1mg/ml in 1ml
ampoule; 0.25 mg/ml in
2ml ampoule
Tablet, 0.25mg |
| 3. Enalapril Maleate | Tablet, 2.5mg, 5mg,
10mg,20mg,40mg |
| 4. Frusemide | Injection, 10mg/ml in 2ml
ampoule
Tablet, 40mg, 80mg
Elixir, 10mg/ml |
| 5. Hydrochlorothiazide | Tablet, 25mg |

CV.200 Antiarrhythmics

- | | |
|-------------------------------|---|
| 1. Lidocaine
Hydrochloride | Injection, 5mg/ml, 10mg/ml,
20mg/ml in 20ml vial |
| 2. Procainamide | Injection, 100mg/ml in 10ml vial |

Hydrochloride	Tablet, 250mg
3. Propranolol Hydrochloride	Injection, 1mg/ml in 1ml ampoule Tablet, 10mg, 40mg
4. Quinidine Sulphate	Tablet, 200mg
5. Verapamil	Injection, 2.5mg/ml in 2ml ampoule Tablet, 40mg, 80mg, 120mg

CV.300 Antihypertensives

1. Diazoxide	Injection, 15mg/ml in 20ml ampoule
2. Enalapril Maleate	Tablet, 2.5mg, 5mg, 10mg, 20mg, 40mg
3. Hydralazine	Injection, 20mg/ml in 1ml ampoule Tablet, 25mg, 50mg
4. Methyldopa	Tablet, 250mg, 500mg
5. Nifedipine	Capsule, 5mg, 10mg, 20mg, 30mg (m/r) Tablet, 10mg ,20mg, 30mg, 40mg, 60mg, 90mg(m/r)
6. Propranolol	Tablet, 10mg, 40mg Injection, 1mg/ml in 1 ml ampoule

CV.400 Diuretics

- | | |
|-----------------------|--|
| 1. Frusemide | Injection, 10mg/ml in 2ml ampoule
Tablet, 40mg
Elixir, 10mg/ml |
| 2. Hydrochlorthiazide | Tablet, 25mg |
| 3. Mannitol | Injection, 25%, in 50ml, 20% in 250ml, 10% in 500ml |
| 4. Spironolactone | Tablet, 25mg, 100mg
Syrup, 5mg, 10mg, 25mg, 50mg, 100mg/5ml |

CV. 500 Medicines Used for Angina/Ischemic Heart Disease

- | | |
|--|---|
| 1. Atenolol | Tablet, 50mg, 100mg |
| 2. Glyceryl Trinitrate
(Nitroglycerine) | Tablet (sublingual), 0.3mg,
0.4mg, 0.5mg, 0.6mg
Tablet (Sustained release), 2.5mg |

CV. 600 Medicines Used in Vascular Shock

- | | |
|--------------------------------|--------------------------------|
| 1. Adrenaline
(Epinephrine) | Injection, 0.1%, 1:1000 1mg/ml |
| 2. Dopamine
Hydrochloride | Injection, 40mg/ml |

RE.000 RESPIRATORY MEDICINES

RE.100 Antitussives/Expectorants

1. Dexchlorpheniramine + Syrup, 2mg +100mg +20mg/5ml
Guaifenesin +
Pseudoephedrine
2. Dextromethorphan Drops, 15mg/ml
Hydrobromide Syrup, 5mg, 7.5mg, 15mg/5ml
Tablet, 15mg
3. Dextromethorphan Syrup, 0.3gm +7.6gm/100ml
Hydrobromide +
Guaicol Sulphonate
4. Diphenhydramine Syrup, 12.5mg +60mg +
+Sodium Citrate + 130mg/5ml
Ammonium Chloride
5. Guaifenesin Capsule, 200mg
Syrup, 100mg/5ml
Tablet, 100mg, 200mg

RE.200 Bronchodilators/Antiasmatics

1. Adrenaline Injection, 0.1% in 1ml ampoule;
(Epinephrine) 1:1000 1mg/ml
2. Aminophylline Injection, 250mg/10ml in 10ml
Tablet, 100mg, 200mg

- | | |
|-----------------------------------|---|
| 3. Beclomethasone
Dipropionate | Oral Inhalation (aerosol),
50mcg/dose, 100mcg/dose,
200mcg/dose |
| 4. Ephedrine +
Theophylline | Elixir, 6mg + 30mg in each 5ml
Syrup, 2.24% + 0.30%
Tablet, 11mg +120mg |
| 5. Salbutamol | Syrup, 2mg/5ml
Tablet, 2mg, 4mg
Oral Inhalation (aerosol),
0.1 mg/dose |

NS.000 CENTRAL NERVOUS SYSTEM MEDICINES

NS.100 Analgesics/Antipyretics

- | | |
|------------------------------|---|
| 1. Acetylsalicylic Acid | Tablet, 75mg, 100mg, (Soluble);
300mg, 324mg, (micro fined);
75mg, 81mg, 100mg, 500mg
(enteric coated) |
| 2. Diclofenac Sodium | Injection, 25mg/ml in 3ml
ampoule, 75mg/ml |
| 3. Ibuprofen | Capsule, 300mg
Syrup, 100mg/5ml
Tablet, 200mg, 400mg(enteric
coated, optional) |
| 4. Morphine
Hydrochloride | Injection, 10mg/ml, 20mg/ml,
30mg/ml |

- | | |
|----------------------|--|
| 5. Morphine Sulphate | Injection (as hydrochloride),
10mg/ml, 20mg/ml |
| 6. Paracetamol | Syrup, 120mg/5ml, 250mg/5ml
Suppository, 125 mg, 250 mg
Tablet, 100mg, 500mg
Injection, 1gm in 100ml
Drops, 100mg/ml |

NS.200 Hypnotics and Anxiolytics

- | | |
|---------------|--|
| 1. Bromazepam | Tablet, 1.5 mg, 3mg, 6mg |
| 2. Diazepam | Injection, 5mg/ml in 2ml ampoule
Tablet, 2mg, 5mg, 10mg
Syrup, 2mg/5ml |

NS.300 Antidepressants

- | | |
|------------------|--------------------------|
| 1. Amitriptyline | Tablet, 10mg, 25mg, 50mg |
| 2. Fluoxetine | Capsule, 20mg |

NS.400 Anticonvulsants

- | | |
|------------------|--|
| 1. Carbamazepine | Syrup, 100mg/5ml
Tablet, 100mg, 200mg |
| 2. Diazepam | Injection, 10mg/2ml in 2ml
ampoule |
| 3. Ethosuximide | Capsule, 250mg |

	Syrup, 250mg/5ml
4. Lorazepam	Injection, 1mg, 4mg/ml
5. Phenytoin (Sodium salt)	Capsule, 50mg, 100mg Injection, 50mg/ml in 5ml vial Tablet, 50mg, 100mg
6. Phenobarbitone (Phenobarbital)	Elixir, 20mg/5ml Injection, 25mg/ml, 100mg/ml Tablet, 15mg, 30mg, 60mg, 100 mg
7. Sodium Valproate	Tablet, 200mg, 500mg Syrup, 200mg/5ml

NS.500 Antiparkinsonian Medicines

1. Benzhexol	Tablet, 2mg, 5mg
2. Levodopa + Carbidopa	Tablet, 100mg +10mg; 250mg +25mg

NS. 600 Antipsychotic Medicines

1. Chlorpromazine Hydrochloride	Injection, 25mg/ml in 1ml and 2 ml ampoules; 15mg/ml in 2 ml ampoule Syrup, 25 mg/5ml Tablet, 25mg, 50mg, 100mg Drops, 25mg/ml in 10ml, 40mg/ml in 10ml and 30ml bottle
2. Fluphenazine Decanoate	Injection (Depot. Oily), 25mg/ml in 1ml and 2ml ampoules and in

10ml vial

- | | |
|----------------|--|
| 3. Haloperidol | Injection, 5mg/ml in 1ml ampoule
Injection (Depot oily), 50mg/ml,
100mg/ml in 1ml ampoule
Tablet, 1mg, 2mg, 5mg |
| 4. Risperidone | Tablet, 1mg, 2mg, 3mg, 4mg, 6mg
Liquid, 1mg/ml |

NS.700 Mood Stabilizer

- | | |
|----------------------|----------------------|
| 1. Lithium Carbonate | Tablet, 300mg, 400mg |
|----------------------|----------------------|

AA.000 MEDICINES USED IN ANAESTHESIA

AA.100 General Anaesthetics

- | | |
|----------------------|--|
| 1. Halothane | Inhalation, 250ml |
| 2. Ketamine | Injection (Hydrochloride), 10
mg/ml in 20ml,
50mg/ml in 10ml ampoule |
| 3. Nitrous Oxide | Inhalation |
| 4. Propofol | Injection (emulsion), 10mg/ml in
20ml ampoule |
| 5. Thiopental Sodium | Powder for injection, 0.5gm,
1gm in vial |

AA.200 Local Anesthetics

- | | |
|---|--|
| 1. Lidocaine
Hydrochloride | Injection, 0.5% 1%, 2%, 5%
Jelly, 2% in 30 ml
Ointment, 5% in 10gm
Spray, 2%, 4%, 10 % in 80g |
| 2. Lidocaine
Hydrochloride +
Adrenaline | Injection, 1%+1:200, 000 in
20ml vial
Injection, 2%+1:200,000 in 20ml
vials |

AA.300 Anaesthetic Adjuncts and Adjuvants

- | | |
|-----------------------------|--|
| 1. Atropine | Injection (Sulphate), 1mg/ml |
| 2. Hyoscine
Hydrobromide | Injection (Sulphate), 0.4mg/ml,
0.6mg/ml, 1mg/ml in 1ml ampoule |
| 3. Neostigmine | Injection, 0.5mg/ml, 2.5mg/ml in
1ml ampoule |
| 4. Oxygen | Inhalation (Medicinal gas) |

AA. 400 Neuromuscular Blockers

- | | |
|---|---|
| 1. Pancuronium Bromide | Injection, 2mg/ml in 2ml ampoule |
| 2. Suxamethonium
Chloride
(Succinylcholine) | Powder for injection, 50mg,
100mg, 500mg in vial
Injection, 50mg/ml |

MS.000 MEDICINES USED IN MUSCULOSKELETAL AND JOINT DISEASE

MS.100 Antirheumatics

1. Acetylsalicylic Acid Tablet, 75mg, 100mg (soluble),
300mg, 324mg (microfined),
500mg(e/c)
2. Diclofenac Sodium Injection, 25mg/ml in 3ml
ampoule, 75mg/ml
Suppository, 12.5mg, 25mg,
50mg, 100mg
Tablet, (e/c coated), 25mg,
50mg, 75mg(s/r)
Capsule (s/r), 75 mg
3. Ibuprofen Capsule, 300mg
Syrup, 100mg/5ml
Tablet, 200mg, 400mg
(e/c optional)

MS.200 Medicines Used for Gout

1. Allopurinol Tablet, 100mg
2. Indomethacin Capsule, 25mg, 50mg, 75mg

AI.000 ANTI-INFECTIVES

AI.100 Antibacterial

AI.101 Penicillins

1. Amoxicillin
Capsule, 250mg, 500mg
Syrup, 125mg/5ml, 250mg/5ml
Tablet, 500mg
Injection, 250mg, 500mg in vial
2. Amoxicillin +
Clavulanic Acid
Oral suspension, 125mg +
31.25mg/5ml, 200mg +
28.5mg/5ml, 250mg +
62.5mg/5ml, 400mg +57mg/5ml
Capsule, 500mg +125mg,
875mg +125 mg
Injection, 500mg +100mg,
1g +200mg
Tablet (chewable), 125mg +
31.25mg,
3. Ampicillin
Capsule, 250mg, 500mg
Oral suspension, 125mg/5ml,
250mg/5ml
Injection (Sodium), 250mg,
500mg, 1g in vial
4. Cloxacillin
Capsule, 250mg, 500mg
Injection, 250mg, 500mg in vial
Suspension, 125mg/5ml ,
250mg/5ml in each 5ml
5. Penicillin G
Benzanthin
Injection, 0.6, 1.2, 2.4, MIU in vial

- | | |
|---|--|
| 6. Penicillin G, Sodium Crystalline | Injection, 1 MIU, 10 MIU, 20 MIU in vial |
| 7. Procaine Penicillin Fortified (Buffered) | Injection, 4,000,000 IU in vial |

AI.102 Other Antibacterials

- | | |
|--------------------|---|
| 1. Ceftriaxone | Injection, 0.25g, 0.5g, 1g, 2g in vial |
| 2. Chloramphenicol | Capsule, 250mg
Injection(sodium succinate), 1gm in vial
Syrup, 125mg/5ml
Oily suspension for injection, 0.5gm (as sodium succinate)/ml in 2 ml ampoule |
| 3. Doxycycline | Tablet, 100mg
Capsule, 100mg |
| 4. Erythromycin | Tablet (Stearate), 250mg, 500mg
Suspension, 125mg/5ml, 200mg/5ml, 250mg/5ml
Capsule, 250mg |
| 5. Gentamicin | Injection, 40mg/ml, 80mg/2ml |
| 6. Metronidazole | Intravenous Infusion, 5mg/ml in 100ml
Tablet/Capsule, 250mg
Cream, 0.75%, 1%
Gel/Lotion, 1% |

- | | |
|--|--|
| 7. Neomycin | Tablet, 500mg |
| 8. Nitrofurantoin | Capsule, 50mg, 100mg
Oral Suspension, 0.5% W/V |
| 9. Sulphamethoxazole +
Trimethoprim | Tablet: (pediatric), 100mg +20mg
(Dispersible);(adult), 400mg +
80mg; 800mg +160mg |
| 10. Tetracycline
Hydrochloride | Capsule, 250mg |

AI.103 Antituberculars

- | | |
|---|---|
| 1. Ethambutol | Tablet, 100mg, 400mg
Oral liquid, 25mg/ml |
| 2. Isoniazid | Injection, 100mg/ml in 10ml
ampoule
Tablet, 100mg, 300mg
Oral liquid, 50mg/5ml |
| 3. Pyrazinamide | Tablet, 400mg, 500mg, 750mg |
| 4. Rifampicin | Capsule, 150mg, 300mg, 600mg
Syrup, 20mg/5ml |
| 5. Rifampicin +Isoniazide | Capsule, 150mg+100mg
Tablet, 60mg +30mg, 150mg
+100mg, 300mg +150mg,
150mg +75mg |
| 6. Rifampicin +Isoniazide
+ Pyrazinamide | Tablet (Dispersible), 60mg +
30mg +150m Tablet, 150mg
+75mg +400mg |

8. Rifampicin +Isoniazid+
Pyrazinamide +
Ethambutol Tablet, 150mg +75mg +
400mg +275mg

7. Streptomycin Powder for injection, 1gm,
5gm base

AI.104 Antileprotics

1. Clofazimine Capsule, 50mg, 100mg

2. Dapsone Tablet, 25mg, 50mg, 100mg
Injection, 20% in 50ml ampoule

3. Rifampicin Capsule, 150mg, 300mg, 600mg

AI.200 Antifungals

1. Fluconazole Capsule/Tablet, 50mg,
100mg, 200mg
Oral suspension, 50mg/5ml,
200mg/5ml
IV infusion (in Sodium chloride),
2mg +9mg/ml

2. Griseofulvin Tablet, 125mg, 250mg, 500mg

3. Ketoconazole Tablet, 200mg Syrup, 20mg/5ml

4. Miconazole Oral gel, 25mg/vial Tablet, 250mg

5. Nystatin Tablet, 500,000IU

AI.300 ANTIVIRALS

AI.301 Antiretrovirals

- | | |
|--|---|
| 1. Abacavir Sulphate | Tablet, 60mg, 300mg
Oral liquid, 20mg/ml |
| 2. Didanosine | Tablet, 250mg, 150mg
Chewable/dispersible tablet,
100mg
Capsule (delayed release), 250mg,
400mg |
| 3. Efavirenz | Capsule, 50mg, 100mg, 200mg
Tablet, 50mg, 200mg, 600mg |
| 4. Efavirenz +
Emtricitabine +
Tenofovir | Tablet, 600mg +200mg +300mg |
| 5. Emtricitabine+
Tenofovir | Tablet , 200mg +300mg |
| 6. Indinavir | Capsule, 200mg, 400mg |
| 7. Lamivudine | Tablet, 150mg
Oral Solution, 10mg/ml |
| 8. Lamivudine +
Zidovudine | Tablet, 150mg +300mg,
30mg + 60mg |
| 9. Lamivudine +
Nevirapine +
Stavudine | Tablet, 150mg +200mg +30mg |

- | | |
|--|---|
| 10. Lamivudine +
Zidovudine +
Nevirapine | Tablet, 150mg +300mg +200mg;
30mg +60mg +50mg |
| 11. Lopinavir +Ritonavir | Oral suspension, 80mg +20mg/ml
Tablet, 200mg +50mg;
100mg +25mg
Capsule, 133.33mg +33.33mg |
| 12. Nelfinavir | Tablet, 250mg
Oral powder, 50mg/g |
| 13. Nevirapine | Tablet, 200mg
Oral suspension, 50mg/ml |
| 14. Ritonavir | Capsule, 100mg
Oral Solution, 80mg/ml |
| 15. Saquinavir | Capsule, 200mg
Oral Solution, 80mg/ml
Tablet, 500mg |
| 16. Stavudine | Capsule, 15mg, 20mg, 30mg
Powder for oral solution, 1mg/ml |
| 17. Tenofovir | Tablet, 300mg |
| 18. Zidovudine/
Azidothymidine | Capsule, 100mg, 250mg
Tablet, 300mg
I.V Infusion, 10mg/ml
Syrup, 50mg/5ml |

AI. 302 Other Antivirals

- | | |
|--------------|--|
| 1. Acyclovir | Tablet, 200mg, 400mg
Powder for Injection, 250mg,
500mg
Cream, 5% 2gm
Ointment, 5% |
|--------------|--|

AI.400 Antiprotozoals

AI.401 Antimalarials

- | | |
|---------------------------------|--|
| 1. Artemether +
Lumefantrine | Tablet, 20mg +120mg
(Dispersible) |
| 2. Chloroquine Phosphate | Injection, 50mg/ml (equivalent to
40mg/ml base)
Syrup, 50mg base/5ml
Tablet, 250mg, 500mg(equivalent
to 150mg, 300mg base) |
| 3. Mefloquine
Hydrochloride | Tablet, 250mg |
| 4. Primaquine Phosphate | Tablet, 7.5 mg, 15mg base |
| 5. Quinine-
Dihydrochloride | Injection, 300mg/ml in 1ml
ampoule
Tablet, 300mg, 600mg |

AI.402 Amoebicides

- | | |
|-----------------------|--|
| 1. Diloxanide Furoate | Tablet, 500mg |
| 2. Metronidazole | Suspension (Oral), 125mg/5ml,
200mg/5ml, 250mg/5ml
Syrup, 4% W/V, 250mg/5ml
Capsule/Tablet, 250mg |
| 3. Tinidazole | Tablet, 250mg, 500mg |

AI.403 Antigiardial Agents

- | | |
|------------------|--|
| 1. Metronidazole | Oral Suspension, 125mg/5ml,
200mg/5ml, 250mg/5ml
Syrup, 4% W/V, 250mg/5ml
Tablet/Capsule, 250mg |
| 2. Tinidazole | Tablet, 250mg, 500mg |

AI.404 Antileishmania Medicines

- | | |
|---------------------------------|--|
| 1. Amphotericin B | Powder for injection, 50mg/vial
Liposomal Injection, 10mg/ml,
50mg/vial
Lozenges, 10mg
Oral suspension, 100mg/ml |
| 2. Hexadecyl-
Phosphocholine | Capsule, 10mg, 50mg |
| 3. Pentamidine
Isethionate | Powder for Injection, 200mg,
300mg/vial |
| 4. Sodium Stibogluconate | Injection, 100mg/ml |

AI.405 Trypanocides

- | | |
|-------------------|--|
| 1. Pentamidine | Powder for injection
(Isethionate), 200mg |
| 2. Suramin Sodium | Powder for Injection, 1gm in vial |

AI.406 Medicines for Toxoplasmosis

- | | |
|-----------------------------------|--|
| 1. Pyrimethamine | Tablet, 25mg |
| 2. Clindamycin | Capsule, 75mg, 150mg
Injection, 150mg/ml in ampoule
Oral Solution, 15mg/ml |
| 3. Sulfadoxine +
Pyrimethamine | Injection, 500mg +25 mg in 2.5ml
ampoule
Tablet, 500mg +25mg |

AI. 500 Anthelmintics

AI. 501 Filaricides

- | | |
|-----------------------------------|---------------------------|
| 1. Diethyl Carbamazine
Citrate | Tablet, 50mg |
| 2. Ivermectin | Tablet, 3mg, 6mg (Scored) |

AI.502 Schistosomicides

- | | |
|-----------------|---------------|
| 1. Praziquantel | Tablet, 600mg |
|-----------------|---------------|

AI.503 Other Anthelmintics

- | | |
|---------------------|---|
| 1. Albendazol | Tablet, 200mg, 400mg
Oral suspension, 100mg/5ml |
| 2. Levamisole | Tablet (hydrochloride), 40mg |
| 3. Mebendazole | Oral suspension, 100mg/5ml
Tablet, 100mg, 500mg |
| 4. Niclosamide | Tablet (Chewable), 500 mg |
| 5. Piperazine | Elixir (Citrate), 500mg/5ml,
622.5mg, 706mg/5ml, 750mg,
937.5mg/5ml, 1gm/5ml
Tablet (Adipate), 300mg |
| 6. Pyrantel Pamoate | Oral Suspension, 250mg base/5ml
Tablet, 125mg base |
| 7. Thiabendazole | Suspension, 500mg /5ml
Tablet, 500mg |

ED.000 MEDICINES USED IN ENDOCRINE DISORDER AND CONTRACEPTIVES

ED.100 Corticosteroidal Preparations

- | | |
|-------------------|--|
| 1. Dexamethasone | Tablet ,0.5mg, 0.75mg, 1 mg,
2mg, 4mg
Injection, 4mg/ml, 25mg/ml,
50mg/ml |
| 2. Hydrocortisone | Injection (Sodium Succinate),
50mg/mlin 2ml ampoule,
125 mg/ml
Tablet (Acetate), 5mg, 10mg |
| 3. Prednisolone | Tablet, 1mg, 3.5mg, 5mg, 10mg
Injection (Sodium Phosphate),
10mg/ml, 25mg/ml in 2ml
ampoule |

ED.200 Thyroid Hormones and Antithyroid Agents

- | | |
|--|---------------------------------|
| 1. Aqueous Iodine
Solution (Iodine +
Potassium Iodide) | Solution, 5% + 10% |
| 2. Propylthiouracil | Tablet, 25mg, 50mg, 100mg |
| 3. Thyroxine | Tablet (sodium), 0.05mg, 0.1 mg |

ED.300 Insulin and Oral Antidiabetic Agents

- | | |
|------------------|---|
| 1. Glibenclamide | Tablet, 5mg |
| 2. Insulin | Injection (Soluble /Natural),
100 units in10ml Vial, (Zinc
Suspension /lente),100units/ml
in 10ml vial |
| 3. Metformin | Tablet, 500mg, 850mg |

ED.400 Female Sex Hormone Preparations

- | | |
|--------------------------------------|---|
| 1. Norethindrone
(Norethisterone) | Tablet, 5mg |
| 2. Hydroxyprogesterone | Injection (Caproate), 250mg/ml
in1ml ampoule |

ED.500 Contraceptives

ED.501 Combined Oral Contraceptives

- | | |
|--|---|
| 1. Levonorgestrel (D-
Norgestrel)
+Ethinylestradiol
with/without Iron | Tablet, 0.15mg +0.03mg, 0.25mg
+ 0.05mg, 0.5mg +0.05mg,
0.3mg + 0.03mg;
0.05mg +0.03mg (6tablet),
0.075mg +0.04mg (5tablet),
0.125mg+0.03mg (10tablet) |
| 2. Norethindrone
(Norethisterone) +
Ethinylestradiol | Tablet, 0.5mg +0.035mg |

ED.502 Progesterone Only Contraceptives

- | | |
|----------------------------------|--|
| 1. Levonorgestrel (D-Norgestrel) | Implant Capsule (Subdermal), 108mg/capsule pack of 2capsules; 75mg/capsule pack of 2capsules
Tablet, 0.03mg, 0.75mg |
| 2. Medroxyprogesterone | Injection (Acetate), 150mg/ml in 1ml vial |
| 3. Norethindrone | Tablet (Enanthate), 0.35mg |

ED.503 Contraceptive Devices, and Barriers

1. Condoms
(Male, Female)
2. Copper T380 A

OG.000 OBSTETRIC AND GYNAECOLOGICAL MEDICATIONS

- | | |
|-----------------------|--|
| 1. Clotrimazole | Tablet (Vaginal), 100mg, 500mg
Cream (vaginal), 1% |
| 2. Ergometrin | Injection, 0.25mg/ml, 0.5mg/ml in 1ml ampoule
Tablet, 0.25mg, 0.5mg |
| 3. Magnesium Sulphate | Injection, 2%, 5%, 10%, 20%, 50% in 20ml |

4. Metronidazole	Tablet, 250mg (oral), 500mg (vaginal)
5. Misoprostol	Tablet, 100mcg, 200mcg, 400mcg, 800mcg
6. Oxytocin	Injection, 1unit/ml, 5unit/ml 10unit/ml
7. Pethidine Hydrochloride	Injection, 50mg/ml in 1ml and 2ml ampoules

AN.000 ANTINEOPLASTIC AND RELATED AGENTS

1. Bleomycin	Powder for Injection, 15units /vial
2. Busulfan	Tablet, 0.5 mg, 2mg
3. Calcium Folate	Tablet, 15mg
4. Cisplatin	Injection, 10mg, 50mg/ vial
5. Cyclophosphamide	Tablet, 50mg Powder for injection, 200mg, 500mg, 1000mg in vial
6. Doxorubicin	Powder for Injection, 10mg, 50mg in vial
7. Fluorouracil	Injection, 250mg, 500mg in ampoule
8. Methotrexate	Tablet, 2.5mg Injection (Sodium), 5mg, 50mg

- | | |
|--------------------------|---|
| 9. Ondansetrone | Injection, 2mg/ml, 4mg/ml,
8mg/ml |
| 10. Tamoxifen Citrate | Tablet, 10mg, 20mg |
| 11. Vincristine Sulphate | Powder for Injection, 1mg,
5mg in vial |

BL.000 BLOOD PRODUCTS AND MEDICINES AFFECTING THE BLOOD

BL.100 Anticoagulants

- | | |
|--------------------|--|
| 1. Heparin | Injection, 1,000U/ml, 5,000U/ml,
10,000U/ml 12,500U/ml,
25,000U/ml |
| 2. Warfarin Sodium | Tablet, 2mg, 5mg, 10mg |

BL.200 Hemostatic Agents

- | | |
|-----------------------------------|---|
| 1. Phytomenadione
(Vitamin K1) | Injection, 1mg/0.5ml, 10mg/ml in
1ml ampoule |
|-----------------------------------|---|

BL.300 Antianemic Agents

- | | |
|------------------------------------|---|
| 1. Cyanocobalamin
(Vitamin B12) | Injection, 100mcg/ml,
1000mcg/ml in
1ml ampoule |
| 2. Ferrous Salt ∞ | Capsule, Drop, Tablet (e/c) |
| 3. Ferrous Salt ∞ + Folic
Acid | Capsule, (sulphate)150mg + 0.5mg |

∞ Any ferrous salt containing elemental form of accepted therapeutic value
4. Folic Acid Tablet, 15mg

5. Iron Complex Injection (Dextran Sorbitol),
50mg/ml in 2ml ampoule

BL. 400 Antiplatelet

1. Acetylsalicylic Acid Tablet, 75mg, 81mg, 100mg
(enteric coated)

**WE.000 MEDICINES USED FOR CORRECTING
WATER, ELECTROLYTE AND ACID BASE BALANCE**

WE.100 Oral

1. Ammonium Chloride Tablet, 500mg

2. Calcium Gluconate Syrup, 4g/15ml
Tablet, 500mg

3. Oral Rehydration Salt Powder, each sachet for 1 litre
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 =	245

4. Potassium Chloride Tablet, 300mg, 500mg,
600mg, 750mg, 1g

5. Sodium Bicarbonate Tablet, 500mg

WE.200 Parenteral

1. Calcium Gluconate Injection, 10% in 10ml ampoule

2. Dextran (MW 70,000) Solution, 6% w/v in 5% dextrose

3. Dextrose Injection, 5% in 500ml, 1000ml;
10% in 500ml, 1000ml; 40% in
20ml; 50% in 50ml;
5% in normal saline in 500ml,
1000ml; 10% in 500ml, 1000ml

4. Potassium Chloride Injection, 150mg/ml in 10ml
ampoule

5. Sodium Bicarbonate Injection (concentrated), 7.5%
(40MEq/50ml) in 50ml ampoule;
8.4% (50meq/50ml)

6. Sodium Chloride Injection, 0.9% (Normal Saline),
10ml, 20ml, 500ml, 1000ml;
235mg/ml, 3% in 500ml

VT.000 VITAMINS

VT.100 Vitamins, single

1. Ascorbic acid Tablet, 100mg, 500mg, 1g
(Vitamin C)

2. Cholecalciferol Capsule, 250mcg

(Vitamin D3)

- | | |
|--|--|
| 3. Cyanocobalamine
(Vitamin B12) | Injection, 100mcg/ml,
1000mcg/ml in
1ml ampoule |
| 4. Folic Acid | Tablet, 200mcg, 1mg, 5mg |
| 5. Phytomenadione
(Vitamin K1) | Injection, 1mg/0.5ml, 10mg/ml in
1ml ampoule |
| 6. Pyridoxine
Hydrochloride (Vitamin
B6) | Tablet, 100mg
Injection, 50mg/ml in 2ml
ampoule, 150mg/ml |
| 7. Thiamine
Hydrochloride
(Vitamin B1) | Tablet, 5mg, 10mg, 100mg,
300mg
Injection, 50mg/ml in 2ml
ampoule |
| 8. Vitamin A | Tablet, 50,000IU, 100,000IU,
200,000IU
Oral solution, 150,000IU/ml
(concentrate), 50,000IU/ml |

VT.200 Vitamins, combinations

- | | |
|------------------|--------------------------|
| 1. Vitamin A + D | Capsule, 4,000IU + 400IU |
|------------------|--------------------------|

VT.300 Vitamin B Complex Preparations*

- | | |
|----------------------|---|
| 1. Vitamin B1+B6+B12 | Tablet/Injection, 100mg +200mg
+1000 mcg |
|----------------------|---|

VT.400 Multivitamin with Minerals and/or Extracts*

*And any other combination proven to be therapeutically can be used

AL.000 ANTIHISTAMINES

- | | |
|--------------------------------|--|
| 1. Cetrizine | Oral solution, 1mg/ml,
Tablet, 5mg, 10 mg |
| 2. Chlorpheniramine
Maleate | Tablet, 2mg, 4mg, 6mg |
| 3. Promethazine | Elixir (Hydrochloride), 5mg/5ml
Injection (Hydrochloride),
25mg/ml in 1ml and 2ml ampoules
Suppository (Hydrochloride),
25mg, 50mg
Tablet (Hydrochloride), 10mg,
25 mg |

OP.000 OPHTHALMIC AGENTS

OP.100 Antiglaucoma

- | | |
|------------------|--|
| 1. Acetazolamide | Tablet, 250mg
Capsule, 500mg (s/r)
Injection, 125mg, 500mg |
| 2. Betaxolol | Eye drops, 0.5% |
| 3. Glycerin | Oral solution, 50%, 70% |
| 4. Mannitol | Parenteral (IV), 20%, 25% |
| 5. Pilocarpine | Eye drops, 2%, 3%, 4%, |

Hydrochloride	5%, 6%, 8%, 10%
	Ointment, 2%, 3%, 4%
6. Timolol Maleate	Eye drops, 0.25%, 0.5%

OP.200 Mydriatics/ Cycloplegics

1. Atropine Sulphate	Eye ointment, 1%
	Eye drops, 0.5%, 1%
2. Cyclopentolate Hydrochloride	Eye drops, 0.5%, 1%, 2%
3. Tropicamide	Eye drops, 0.5%, 1%

OP. 300 Anti-infective, Ophthalmic

OP. 301 Antibacterials

1. Chloramphenicol	Eye ointment, 1%, 5%
	Eye drops, 0.4%, 0.5%, 1%, 5%
2. Gentamicin	Eye drops, 0.3%
3. Tetracycline	Eye ointment, 1%
	Eye drops, 1%
4. Tobramycin	Eye drops, 0.3%

OP.302 Antivirals

1. Acyclovir	Eye ointment, 3%
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OP. 303 Antifungals

1. Amphotericin B	Eye ointment, 0.3%, 2%
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2. Econazole Eye drops, 1%

OP. 400 Anti-inflammatory/Anti-allergic Medicines

1. Antazoline + Naphazoline Eye drops, 0.025% + 0.5%

2. Dexamethasone Eye drops, 0.1%

3. Methylprednisolone Injection, 40mg/ml in 1ml ampoule

4. Oxymetazoline Hydrochloride Eye drops, 0.025%, 0.05%

5. Prednisolone Eye drops, 0.25%, 1%

6. Tetrahydrozoline Hydrochloride Eye drops, 0.05%

OP. 500 Anti-infective/Anti-inflammatory Combinations

1. Oxytetracycline Hydrochloride + Hydrocortisone Acetate + Polymixin B sulphate Eye drops, 5mg +15mg + 10,000U/ml

2. Tobramycin + Dexamethasone Eye drops, 0.3%+0.1%

OP. 600 Anesthetics, Local

- | | |
|---|------------------------------|
| 1. Lidocaine
Hydrochloride | Injection, 1%, 2% |
| 2. Lidocaine
Hydrochloride +
Adrenaline | Injection, 1%, 2% +1: 1000IU |
| 3. Tetracaine
Hydrochloride | Eye drops, 0.5% |

OP. 700 Diagnostics and Miscellaneous Agents

- | | |
|-----------------------|--|
| 1. Fluorescein sodium | Eye drops, 0.25%, 0.4%
Eye paper (sterile strip)
Injection, 0.5%, 2.5%, 5%,
10% in 10ml ampoule |
| 2. Povidone Iodine | Eye drops, 1%, 5%, 10% bottle |

EN.000 EAR, NOSE AND THROAT PREPARATIONS

- | | |
|----------------------|---------------------------|
| 1. Chloramphenicol | Ear drops, 1%, 2%, 5% |
| 2. Gentian Violet | Solution, 1% |
| 3. Hydrogen Peroxide | Solution, 1.5%, 3% |
| 4. Lidocaine | Spray (Hydrochloride), 4% |

- | | |
|-------------------|-----------------------------------|
| 5. Nystatin | Suspension, 100000 units /ml |
| 6. Xylometazoline | Solution(nose drops), 0.05%, 0.1% |

DE.000 DERMATOLOGICAL AGENTS

DE.100 Anti-infectives, Topical

- | | |
|-------------------------------------|---|
| 1. Benzoic Acid +
Salicylic Acid | Whitefield Ointment, 6% + 3%,
12% + 6% |
| 2. Benzyl Benzoate | Lotion, 25% |
| 3. Clioquinol | Cream, 3%
Ointment, 3% |
| 4. Clotrimazole | Cream, 1% |
| 5. Gentian Violet | Solution, 0.5%, 1% |
| 6. Miconazole | Cream (Nitrate), 2% |

DE.200 Anti-inflammatories, Topical

- | | |
|------------------------------|-------------------------------|
| 1. Betamethasone
Valerate | Cream, 0.1%
Ointment, 0.1% |
| 2. Hydrocortisone Acetate | Cream, 1%
Ointment, 1% |

DE.300 Keratolytics/Caustics and Antiacne Agents

- | | |
|---------------------|--|
| 1. Benzoyl Peroxide | Gel, 2.5%, 5%, 10%
Solution, 2.5%, 5, 10% |
| 2. Salicylic Acid | Ointment, 2%, 5%, 10% |

DE.400 Medicines for Psoriasis and Eczema

- | | |
|---------------------|---|
| 1. Calcipotriol | Cream, Ointment (scalp application), 0.005% |
| 2. Dithranol | Paste, 1%
Scalp application, 0.25%, 0.5% |
| 3. Ichthammol | Ointment, 10%, 20% |
| 4. Zinc Oxide | Ointment, 15% |
| 5. Zinc Oxide +Talc | Paste, 15% + 25% |

DE.500 Antipruritics

- | | |
|---------------|---------------------------|
| 1. Calamine | Lotion, 5% |
| 2. Crotamiton | Lotion, 10%
Cream, 10% |

IM.000 IMMUNOLOGICAL PREPARATIONS

- | | |
|--|--|
| 1. Anti-Rho (D)
Immune Globulin | Injection, 2ml in vial; 120mcg,
300mcg |
| 2. BCG Vaccine | Injection, 500,000 organisms /ml
in 0.05ml, 0.1ml |
| 3. Diphtheria Antitoxin | Injection, 2000 units/ml in 5ml |
| 4. Diphtheria and Tetanus
Toxoid | Injection, 0.5ml |
| 5. Diphtheria, Tetanus
Toxoid and Pertussis
Vaccine | Injection, 0.5ml |
| 6. Hepatitis B Vaccine,
inactivated | Injection, 16.5% in 2ml, 10ml |
| 7. Hepatitis B Vaccine
Recombinant Yeast DNA | Injection, 0.5ml |
| 8. Human Antirabies
Immunoglobulin | Injection, 150 IU/ml in 2ml |
| 9. Immune Serum
Globulin, Human
(Gamma Globulin,
Human) | Injection, 16.5% in 2ml, 5ml |
| 10. MeaslesVirus Vaccine
Live Attenuated | Injection, 0.5ml |

- | | |
|--|--|
| 11. Pentavalent
(Diphtheria, Pertusis,
Tetanus, Haemophilus
Influenzae B, and
Hepatitis B) Vaccine | Injection, 0.5ml |
| 12. Poliomyelitis Vaccine,
Trivalent Type I, II,
and III | Oral, 0.5ml, 10ml, and 20ml |
| 13. Rabies (Human
Diploid Cell) Vaccine | Injection, 2.5IU/ml in 2ml |
| 14. Snake Venom
Antiserum Polyvalent | Injection, 10ml |
| 15. Tetanus Antitoxin,
Equine | Injection, 1500 Units, 3000Units,
20,000Units |
| 16. Tetanus Toxoid | Injection, 0.5ml, 1ml |

AN.000 ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING

- | | |
|-----------------------|--|
| 1. Acetylcysteine | Injection, 200mg/ml in 10ml
ampoule |
| 2. Activated Charcoal | Tablet, 125mg, 250mg
Powder for reconstitution,
15gm/120ml, 25gm
Gel, 300ml |

3. Atropine	Injection (sulphate), 1mg/ml in 1ml ampoule
4. Calcium	Injection (gluconate), 10% in 10ml ampoule
5. Nitrite	Injection (Sodium), 3% (30mg/ml)
6. Phytomenadione (Vitamin K1)	Injection, 10mg/ml in 1ml ampoule
7. Protamine	Injection (sulphate), 10mg/ml in 5ml ampoule; 250mg (10mg/ml), 25ml
8. Thiosulphate	Injection (Sodium), 10% in 50ml ampoule

MI.000 MISCELLANEOUS

1. Aluminum Sulphate + Calcium Hypochlorite +Sodium Carbonate	Water treatment powder in the ratio of 23:1:1 by weight
2. Anticoagulant Citrate Dextrose Solution (ACDS) Sodium Citrate + Citric Acid + Dextrose	Solution, 1.32 + 0.44g + 1.47g in each 100ml
3. Barium Sulfate	Powder in Sachets

4. Calcium Hypochlorite Water treatment Powder
+ Iron Sulphate +
Bentonite +Potassium
Permanganet
Polyacrylamide +
Sodium Carbonate
5. Paraffin Gauze
Dressing
6. Talc Dusting Powder
7. Water for Injection in 2ml, 5ml, 10ml

ANNEXES

Annex I: List of Consultative Workshops Participants

S/N	Full Name	Organization	Profession
1	Abenet Denberu (Ato)	Caroga Pharma	Pharmacist
2	Abenet Tafesse (Dr.)	Addis Ababa University-Faculty of Medicine	Neurologist
3	Abraham Salih (Ato)	Harari Regional Health Bureau	Pharmacist
4	Addisu Abera Addis (Ato)	Dire Dawa Regional Health Bureau	Pharmacist
5	Adefris Debalke (Dr.)	Addis Ababa University-Faculty of Medicine	ENT specialist
6	Ahmed Kemal (Ato)	Food, Medicines and Healthcare Administration and Control Authority	Pharmacist
7	Amanuel Tefera (Ato)	Ethiopian Druggists Association	Druggist
8	Asmamaw Silesh (Ato)	Ethiopian Pharmaceutical Association	Pharmacist
9	Aynalem Abraha (Dr.)	Addis Ababa University-Faculty of Medicine	Oncologist
10	Bekele Tefera (Ato)	World Health Organization	Pharmacist

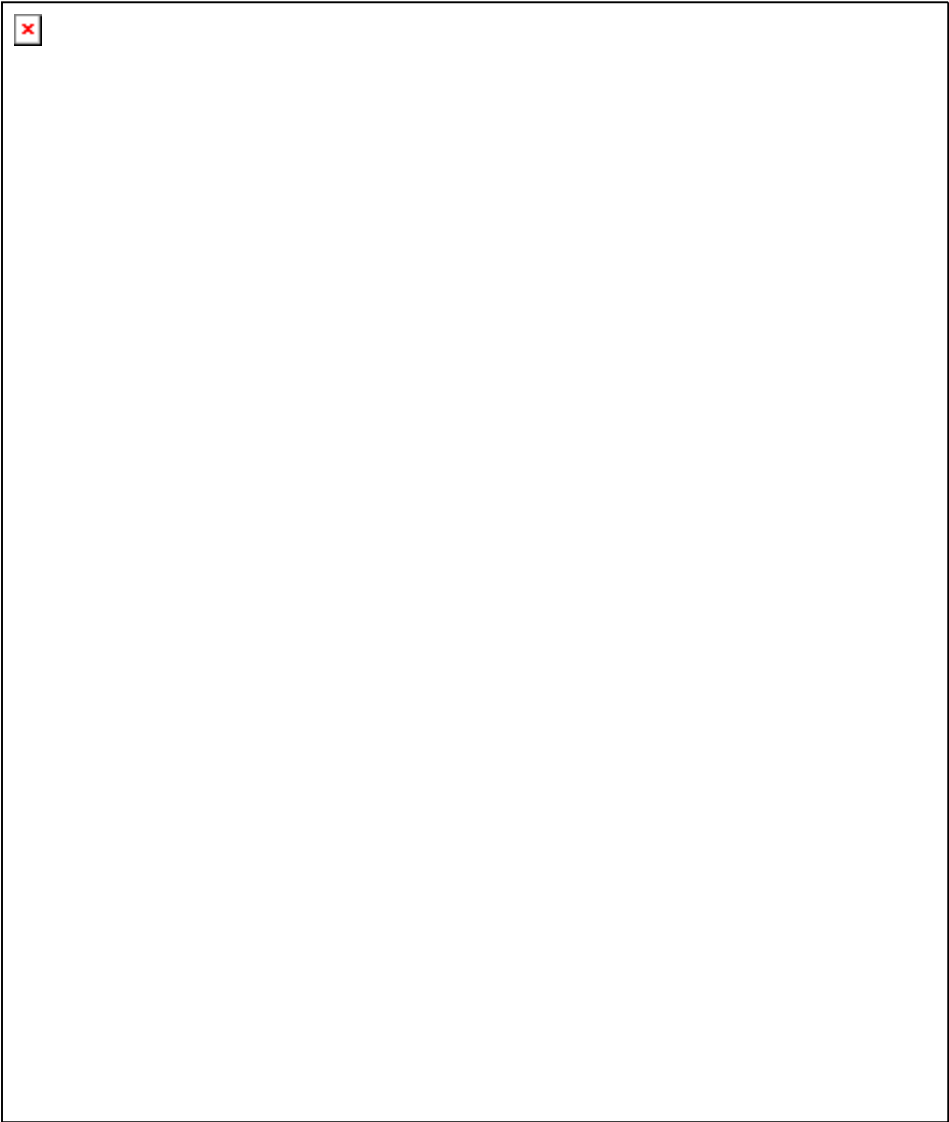
11	Cherinet Demissie (Ato)	Pharmaceutical Fund and Supply Agency	Pharmacist
S/N	Full Name	Organization	Profession
12	Daniel Argaw (Dr.)	World Health Organization	Public Health-Specialist
13	Direbe Kumssa Dibaba (Ato)	Armed Force Hospital	Pharmacist
14	Edgegayehu Hailu (W/t)	Management Sciences for Health/Strengthening Pharmaceutical Systems	Pharmacist
15	Eyasu Mekonnen (Prof.)	National Drug Advisory Committee/Addis Ababa University-Faculty of Medicine	Pharmacologist
16	Ezra Muluneh (Ato)	Addis Ababa Regional Health Bureau	Pharmacist
17	Fekade Bruck (Ato)	Addis Ababa University, School of Pharmacy	Pharmacologist
18	Fisseha G/Tsadik (Ato)	Pharmaceutical Fund and Supply Agency	Pharmacist
19	Getnet Negussie (Dr.)	Menilik Hospital	Ophthalmologist
20	Haddis Solomon (Dr.)	Amanuel Hospital	Psychiatrist
21	Helawe Ketema (Ato)	Food, Medicines and Healthcare Administration and Control Authority	Pharmacist
22	Kebede Berhane G/Medhin (Ato)	Food, Medicines and Healthcare Administration and Control Authority	Pharmacist

23	Kidane Melles (Dr.)	World Health Organization	Internist
S/N	Full Name	Organization	Profession
24	Kidanemariam G/Michael (Ato)	Food, Medicines and Healthcare Administration and Control Authority	Pharmacist
25	Lombo Desta (W/t)	Federal Ministry of Health	Pharmacist
26	Mebrahtu Eyasu Belete (Ato)	St. Paul's Generalized Specialized Hospital	Pharmacist
27	Mengistab Tsegaye (Ato)	Tigray Regional Health Bureau	Pharmacist
28	Mengistab W/Aregay (Ato)	Food, Medicines and Healthcare Administration and Control Authority	Pharmacist
29	Mengistu Hiletework (Dr.)	Addis Ababa University-Faculty of Medicine	Dermatologist
30	Merie Harrero (Dr.)	World Health Organization	Medical Doctor
31	Mesafint Abeje (Ato)	Food, Medicines and Healthcare Administration and Control Authority	BSc.Nurse
32	Nigussie Debero (Ato)	Amanuel hospital	Pharmacist

33	Selamawit Ashagre (Dr.)	National Drug Advisory Committee/Police Hospital	Obst. & Gynecologist
S/N	Full Name	Organization	Profession
34	Solomon G/Amanuel (Ato)	Ethiopian Pharmaceutical Manufacturer	Pharmacist
35	Sufyan Abdulber (Ato)	Federal Ministry of Health	Pharmacist
36	Tassew Tadesse (Dr.)	Yekatit 12 Hospital	Surgeon
37	Tewodros Tefera (Dr.)	Yekatit 12 Hospital	Dental Surgeon
38	Tilahun Seifu (Dr.)	Addis Ababa University	Pediatrician
39	Tsige GebreMariam (Prof.)	National Drug Advisory Committee/Addis Ababa University	Pharmacist
40	Wassu Gedefaw (Ato)	Food, Medicines and Healthcare Administration and Control Authority	Pharmacist
41	Wondwossen Assefa (Ato)	Food, Medicines and Healthcare Administration and Control Authority	Druggist
42	Yewondosen Tadesse (Dr.)	National Drug Advisory Committee/Addis Ababa University-Faculty of Medicine	Internist /Nephrologist
43	Yilikal Adamu (Dr.)	National Drug Advisory Committee/Addis Ababa University-Faculty of Medicine	Ophthalmologist

44	Zebiba Mekonnen (W/t)	Police Hospital	Pharmacist
S/N	Full Name	Organization	Profession
45	Zelleke Dagnachew (Dr.)	National Drug Advisory Committee/Addis Ababa University-Faculty of Veterinary Medicine	Veterinarian
46	Zinash Miliyon (W/t)	St. Peter Hospital	Pharmacist

Annex II: ADR Reporting Format





Annex III: Standard Prescription

PRESCRIPTION PAPER

Code _____

Institution Name: _____ Tel. No... ..

Patient's full Name: _____

Sex: ___ Age: ___ Weight: _____ Card No. _____

Region: _____ Town _____ Woreda _____ Kebele _____

House No. _____ Tel. No: _____ Inpatient Outpatient

Diagnosis, if not ICD _____

Drug Name, Strength, Dosage Form, Dose, Frequency, Duration, Quantity, How to use & other information	Price (dispensers use only)
R_x	
Total Price	

Prescriber's

Dispenser's

Full name _____

Qualification _____

Registration # _____

Signature _____

Date: _____

See overleaf

Please Note the Following Information

1. Prescriptions:

- are valid only if it has the seal of the health institution
- filled and blank are legal documents, treat them as fixed assets
- written and verbal information to the client complement one another

2. The prescriber:

- drug treatment is only one of the treatment options
- write the prescription correctly and legibly
- diagnosis and other parts of the prescription have to be complete
- abbreviations are NOT recommended
- please accept prescription verification call from the dispenser

3. The Dispenser:

- check legality of the prescription
- check completeness and accuracies before dispensing
- check for whom the medicine is being dispensed: actual client or care taker
- if in doubt about the contents of the prescription; verify with the prescriber
- containers used for packaging must be appropriate for the product
- labels of drugs should be clear, legible and indelible
- drugs should be dispensed with appropriate information and counseling
- keep filled prescriptions at least for 2 years

4. Minimum drug label information should include the following:

- ➡ Patient name
- ➡ Generic name, strength and dosage form of the medicine
- ➡ Dose, Frequency and Duration of use of the medicines
- ➡ Quantity of the medicine dispensed
- ➡ How to take or administer the medicine?
- ➡ Storage condition

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