List of Medicine for Health Centers

Food, Medicine and Healthcare Administration and Control Authority

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Addis Ababa
Acknowledgement

The Food, Medicine and Healthcare Administration and Control Authority of Ethiopia (EFMHACA) would like to extend its gratitude to the World Health Organization (WHO) for its technical assistance, meeting all financial expenses associated with consultative workshops and printing of the List of Medicines for health center. The Authority would also like to thank Management Sciences for Health/Strengthening Pharmaceutical Systems (MSH/SPS) for its technical support in revising this list. Last but not least, the Authority would 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.
Forward
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. Ethiopian drug policy ensures that medicines which are required for prevention, diagnosis, treatment, mitigation and rehabilitation of diseases affecting the majority of Ethiopian people have to be identified and classified to respective levels of health service delivery.

The List of Medicines for health center is hereby revised for the third time in light of the above principle and the latest developments in fields of medicine and pharmacy and considering the available health professional found in health center. Hence, users of this medicines list are advised to refer to the list whenever they provide the services in different health centers. It gives me a great pleasure to introduce this edition of the list to all beneficiaries, which is the fruit of the joint effort of the staff of the Authority, the National Drug Advisory Committee, development partners as well as the participants of the review workshops. I hope that the List of Medicine for health center will serve as useful guides for the procurement as well as to increase availability of medicine in the health center.

Finally, I would like to express my gratitude to all those who have directly or indirectly extended their helping hands in the revising and printing 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 Alemneh, Director General,
Ethiopian Food, Medicines and Healthcare Administration and Control Authority (EFMHACA).
Introduction

It is by far known that medicines are 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 health institution is advantageous for proper management of medicine within a facility. This is done with due regard to factors like; safety, efficacy, quality, cost-benefit ratio, indication for treatment of diseases which is prominent in health center, sufficient experience with the medicines, health professional available in the facility and other factors. Pharmacotherapeutics classification of medicine was utilized to categories medicines for the health center.

After five years of use, the second edition of the List of Medicines for health center is now revised in light of the latest development in the fields of medicine and pharmacy besides to this the Authority included some of medication which was requested to be included in the second edition. As customary, the purpose of the third edition of List of Medicine for health center is to provide up-to-date list of medicine for the health center, to improve procurement, to increase availability and to promote proper use of Medication.

The draft of the revised edition was first prepared by the Authority using a technical working group composed of General practitioners, a nurse and pharmacists and then enriched through national consultative workshops. Participants involved in the workshops were specialists and other health 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. Soon after, the revised version of List of Medicine for health center was finalized by the National Drug Advisory Committee.

In the course of reviewing the previous edition, medicines which are obsolete, less effective, with low benefit to risk ratio and superseded by better ones have been deleted while medicines with better quality, safety and efficacy profile have been included. Except for the addition of some new categories, the pharmacotherapeutic classification system that was used in the previous edition is still maintained. 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, WWW.fmhaca.gov.et Addis Ababa, Ethiopia.
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# PHARMACOTHERAPEUTIC CLASSIFICATION OF MEDICINES

## GI.000 GASTROINTESTINAL MEDICINES

### GI.100 Antacids

1. Aluminum Hydroxide  
   Mixture/Gel, 320mg/5ml  
   Suspension, 360mg/5ml  
   Tablet (chewable), 500mg

2. Aluminum Hydroxide + Magnesium Hydroxide♣  
   Suspension, 220mg +195mg/5ml  
   Tablet (chewable), 400mg + 400mg

3. Aluminum Hydroxide + Magnesium Hydroxide + Simethicone♣  
   Oral Suspension, 225mg + 200mg + 25mg/ 5ml

4. Aluminum Hydroxide + Magnesium Hydroxide + Simethicone + Alginic Acid  
   Tablet, 125mg +250mg + 50mg + 100mg

5. Aluminum Hydroxide + Magnesium Trisilicate♣  
   Suspension, 310mg + 620mg in 5 ml  
   Tablet (chewable), 120mg + 250mg; 250mg +500mg

6. Calcium Carbonate  
   Tablet, 350mg, 500mg, 700mg

7. Magnesium Hydroxide  
   Suspension, 375mg/5ml, 7.75%  
   Tablet (chewable), 300mg, 311 mg
8. Magnesium Trisilicate  
   Tablet (chewable), 500mg

9. Sodium Alginate +Magnesium Hydroxide +Aluminum Hydroxide +Simethicone  
   Oral suspension, 100mg +250mg +125mg +50mg in 5ml

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

GI.200 Antiulcer Agents

1. Cimetidine  
   Injection, 200mg/ml in 2ml ampoule  
   Syrup, 200mg/5ml  
   Tablet, 200mg, 400mg, 800mg  
   Tablet (chewable), 200mg

2. Omeprazole  
   Capsules (enclosing e/c granules), 20mg  
   Tablet, 20mg (enteric coated)

GI.300 Antispasmodics / Spasmolytic Analgesics

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

2. Chlordiazepoxide+ Clidinium Bromide  
   Tablet, 5mg + 2.5mg

3. Hyoscine (Scopolamine)  
   Drops, 5mg/5ml
Bbutylbromide Injection, 20mg/ml
Tablet, 10mg
Suppository, 7.5mg, 10mg

4. 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 ampoule
   Syrup, 25mg/5ml
   Tablet, 25mg, 100mg (film/sugar coated)

2. Dimenhydrinate Tablet, 50mg

3. Meclizine Hydrochloride Tablet, 12.5mg, 25mg

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

5. Promethazine Hydrochloride Elixir, 5mg/5ml
   Injection, 25mg/ml, 25mg/2ml in 1ml and 2ml ampoule
   Suppository, 25mg, 50mg
   Tablet, 10mg, 25mg (film/sugar coated)
**GI.500 Cathartics and Laxatives**

1. Bisacodyl
   - Suppository, 5mg, 10mg
   - Tablet, 5mg, 10mg

2. Cascara Sagrada
   - Tablet, 125mg

3. Castor Oil
   - Liquid, 30ml, 60ml

4. Glycerin
   - Suppository, 1g, 1.36g, 2g, 2.76g

5. Lactulose
   - Enema, (300ml Lactulose + 700ml Water)
   - Syrup, 3.5mg/5ml

6. Liquid Paraffin
   - Liquid

7. Magnesium Sulphate
   - Oral powder in Sachet

8. Psyllium
   - Powder

9. Senna
   - Tablet (total sennosides), 7.5mg

**GI.600 Medicines Used in Diarrhea**

1. Oral Rehydration Salt
   - Powder, each sachet for 1 litre contains:
     
     | Gram/Liter | mmol/L |
     |------------|--------|
     | 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 |

2. Zinc Sulphate
   - Tablet (dispersible), 10mg, 20mg
GI.700 Antiflatulents
1. Activated Charcoal  
   Tablet, 125mg, 250mg
2. Simethicone  
   Tablet (chewable), 60mg, 80mg, 95mg
   Capsule, 95 mg, 125 mg

GI.800 Antihaemorrhoidal Agents
1. Bismuth Subgallate Compound*  
   (Bismuth Subgallate + Bismuth Oxide + Peru Balsam + Zinc Oxide)  
   Ointment, 2.25% + 0.875% + 1.875% + 10.75%  
   Suppository, 59mg + 24mg + 49mg + 296mg
2. Bismuth Subgallate Compound * with Hydrocortisone  
   (Bismuth Subgallate + Bismuth Oxide + Peru Balsam + Zinc Oxide + Hydrocortisone Acetate + Benzyl Benzoate)  
   Ointment, 2.25% + 0.875% + 1.875% + 10.75% + 0.25% + 1.25%  
   Suppository, 59mg + 24mg + 49mg + 296mg + 10mg + 33mg
3. Lidocaine + Aluminium Acetate + Zinc Oxide + Hydrocortisone Acetate  
   Ointment, 50mg + 35mg + 180mg + 2.5mg  
   Suppository, 60mg + 50mg + 500mg + 5mg
4. Lignocaine + Tribenoside  
   Suppository, 40mg + 400mg
5. Prednisolone Caproate + Dibucaine Hydrochloride + Hexachlorophene + Clemizole Undecenoate  
   Ointment, 0.19% + 0.5% + 0.5% + 1%  
   Suppository, 1.3mg + 1mg + 2.5mg + 5mg
CV.000 CARDIOVASCULAR MEDICINES

CV.100 Antihypertensives

1. Amlodipine Tablett, 2.5 mg, 5 mg, 10 mg

2. Atenolol Tablet, 50 mg, 100 mg

3. Enalapril Maleate Tablet, 2.5 mg, 5 mg, 10 mg, 20 mg, 40 mg

4. Hydralazine Injection, 20 mg/ml in 1 ml ampoule
   Tablet, 25 mg, 50 mg

5. Hydrochlorothiazide Tablet, 25 mg

6. Methyldopa Tablet, 250 mg, 500 mg

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

7. Nifedipine Capsule, 5 mg, 10 mg, 20 mg, 30 mg (m/r)
   Tablet, 10 mg, 20 mg, 30 mg, 40 mg, 60 mg, 90 mg (m/r)

8. Propranolol Tablet, 10 mg, 40 mg

CV.200 Diuretics

1. Frusemide Elixir, 10 mg/ml
   Injection, 10 mg/ml in 2 ml ampoule
   Tablet, 40 mg, 80 mg
2. Hydrochlorothiazide Tablet, 25mg

3. Spironolactone Tablet, 25mg, 100mg
   Syrup, 5mg, 10mg, 25mg, 50mg, 100mg/5ml

**CV.300 Medicines Used in Vascular Shock**

1. Adrenaline (Epinephrine) Injection, 0.1%, 1:1000 1mg/ml

2. Phenylephrine Hydrochloride Injection, 10mg/ml in 1ml ampoule

**RE.000 RESPIRATORY MEDICINES**

**RE.100 Antitussives / Expectorants / Mucolytics**

1. Acetaminophen + Pseudoephedrine + Chlorpheniramine Tablet, 325mg + 15mg + 1mg

2. Bromhexine Hydrochloride Elixir, 4mg/5ml

3. Carbocisteine Syrup 2%, 5%

4. Codeine Phosphate Linctus, 15mg/5ml

5. Dexchlorpheniramine Syrup, 2mg/5ml
   Tablet, 2mg, 4mg, 6mg

6. Dexchlorpheniramine + Syrup, 2mg + 100mg + 20mg/5ml
Guaifenesin + Pseudoephedrine

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>7. Dextromethorphan- Hydrobromide</td>
<td>Drops, 15mg/ml</td>
</tr>
<tr>
<td></td>
<td>Syrup, 5mg, 7.5mg, 15mg/5ml</td>
</tr>
<tr>
<td></td>
<td>Tablet, 15mg</td>
</tr>
<tr>
<td>8. Dextromethorphan- Hydrobromide+ Guaicol Sulphonate</td>
<td>Syrup, 0.3gm +7.6gm/100ml</td>
</tr>
<tr>
<td>9. Diphenhydramine+ Sodium Citrate+ Ammonium Chloride</td>
<td>Syrup, 12.5mg +60mg +130mg/5ml</td>
</tr>
<tr>
<td>10. Guaifenesin</td>
<td>Capsule, 200mg</td>
</tr>
<tr>
<td></td>
<td>Syrup, 100mg/5ml</td>
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<tr>
<td></td>
<td>Tablet, 100mg, 200mg</td>
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RE.200 Bronchodilators / Antiasthmatics

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1. Adrenaline (Epinephrine)</td>
<td>Injection, 0.1% in 1ml ampoule; 1:1000 1mg/ml</td>
</tr>
<tr>
<td>2. Aminophylline</td>
<td>Injection, 250mg/10ml, in 10ml and 20 ml</td>
</tr>
<tr>
<td></td>
<td>Tablet, 100mg, 200mg</td>
</tr>
<tr>
<td></td>
<td>Tablet (m/r), 100 mg, 225mg, 350mg</td>
</tr>
<tr>
<td>3. Ephedrine Sulphate</td>
<td>Injection, 50mg/ml</td>
</tr>
<tr>
<td>4. Ephedrine + Theophylline</td>
<td>Elixir, 6mg + 30mg in each 5ml</td>
</tr>
<tr>
<td></td>
<td>Syrup, 2.24% + 0.30%</td>
</tr>
</tbody>
</table>
Tablet, 11mg + 120mg

5. Salbutamol (Albuterol)  Oral Inhalation (aerosol), 0.1mg/dose
   Nebulizer Solution, 2.5mg/2.5ml
   Syrup, 2mg/5ml
   Tablet, 2mg, 4mg, 4mg(s/r)

6. Sodium Cromoglycate  Capsules with inhaler, 20mg

7. Theophylline (Anhydrous Theophylline)  Elixir, 33mg in each 15ml
   Tablet, 100mg, 200 mg (s/r)

8. Theophylline + Guaifenesin  Capsule, 150mg + 90mg; 300mg + 180mg
   Elixir, 150mg + 90mg/15ml
   Tablet, 150mg + 90mg

NS.000 CENTRAL NERVOUS SYSTEM MEDICINES

NS.100 Analgesics / Antipyretics and/or Antihistamine Combinations

1. Acetylsalicylic Acid  Tablet, 100mg (soluble)
   300mg, 324mg, (micro fined);
   100mg, 500mg (enteric coated)

2. Diclofenac Sodium  Capsule (S/R), 75 mg
   Injection, 25mg/ml in 3ml ampoule, 75mg/ml
   Tablet (e/c), 25mg, 50mg, 75mg(s/r), 100mg(s/r)
   Suppository, 12.5mg, 25mg, 50mg, 100mg
3. Diclofenac Sodium + Misoprostol 
4. Ibuprofen 
5. Paracetamol 
6. Paracetamol + Pseudoephedrine Hydrochloride + Chlorpheniramine 
7. Tramadol Hydrochloride

**NS.200 Antimigraine Headache Medicines**

1. Acetylsalicylic Acid + Paracetamol + Caffeine
2. Ergotamine Tartrate
3. Ergotamine Tartrate + Caffeine β
β And any other combination ratio proven to be therapeutically effective can be used

### NS. 300 Hypnotics and Anxiolytics

1. Chlordiazepoxide  
   Tablet, 5mg, 10mg, 25mg
2. Diazepam  
   Injection, 5mg/ml in 2ml ampoule  
   Suppository, 5mg, 10mg  
   Syrup, 2mg/5ml  
   Tablet, 2mg, 5mg, 10mg
3. Promethazine  
   Tablet, 25mg

### NS.400 Antidepressants

1. Amitriptyline  
   Tablet, 10mg, 25mg, 50mg
2. Clomipramine Hydrochloride  
   Capsule, 10mg, 25mg, 50mg
3. Fluoxetine  
   Capsule, 20mg
4. Imipramine  
   Tablet, 10mg, 25mg

### NS.500 Anticonvulsants

1. Carbamazepine  
   Syrup, 100mg/5ml  
   Tablet, 100mg, 200mg
2. Clonazepam  
   Injection, 1mg/ml in 1ml ampoule  
   Tablet, 0.5mg, 1mg, 2mg
3. Diazepam  
   Injection, 5mg/ml in 2ml ampoule  
   Suppository, 5mg, 10mg
4. Diphenylhydantoin (Phenytoin)  
   Capsule, 50mg, 100mg  
   Powder for injection (sodium), 250mg/vial  
   Tablet, 50mg, 100mg  
   Injection, 50mg/ml in 5ml vial (Sodium Salt)

5. Magnesium Sulphate  
   Injection, 50% in 20ml

6. Phenobarbitone (Phenobarbital)  
   Injection (sodium), 25mg/ml, 100mg/ml  
   Tablet, 15mg, 30mg, 60mg, 100mg  
   Elixir, 20mg/5ml

7. Sodium Valproate  
   Syrup, 200mg/5ml  
   Tablet, 200mg, 500mg

Except Diazepam and Promethazine other medicines should not be handled by health centers, if Psychiatric Nurses not existing

**NS. 500 Antipsychotic Medicines**

1. Chlorpromazine Hydrochloride  
   Drops, 25mg/ml in 10ml, 40mg/ml in 10ml and 30ml bottle  
   Injection, 25mg/ml in 1ml and 2ml ampoule, 50mg/ml in 2ml ampoule  
   Syrup, 25mg/5ml  
   Tablet, 25mg, 50mg, 100mg

2. Fluphenazine Decanoate  
   Injection (Depot. Oily), 25mg/ml in 1ml and 2ml ampoules and in 10ml vial

3. Fluphenazine Hydrochloride  
   Tablet, 1mg
4. Haloperidol: Injection, 5mg/ml in 1ml ampoule
   Oral liquid, 2mg/ml
   Tablet, 1 mg, 2mg, 5mg

5. Olanzapine: Tablet, 5mg

**NS.600 Antiparkinson Agent**

1. Benzhexol: Tablet, 2mg, 5mg
   (Trihexyphenidyl hydrochloride)

**AA.000 MEDICINES USED IN ANAESTHESIA**

**AA.100 Local Anesthetics**

1. Bupivacaine: Injection, 0.2%, 0.5%

2. Ethyl Chloride: Spray, 50ml

3. Lidocaine Hydrochloride:
   Cartridges, 2% in 1.8ml
   Injection, 0.5%, 1%, 2%, 5%
   Jelly, 2% in 30ml
   Ointment, 5% in 10gm
   Spray, 2%, 4%, 10% in 80g

4. Lidocaine Hydrochloride + Adrenaline:
   Injection, 1%+1:200,000 in 20ml vial
   Injection, 2%+1:200,000 in 20ml vials

5. Tetracaine Hydrochloride: Injection, 0.5%, 2%, 4% in 2ml vial

a) Except Diazepam and Promethazine other medicines should not be handled by health centers, if Psychiatric Nurses not existing
# MS.000 Medicines Used in Musculoskeletal and Joint Diseases

## MS.100 Antirheumatics

1. Acemetacin  
   Capsule, 30mg, 60mg, 90mg, (D/R)

2. Acetylsalicylic Acid  
   Tablet, 300mg, 324mg (microfined), 500mg (enteric coated)

3. Acetylsalicylic Acid + Caffeine + Paracetamol  
   Tablet, 250mg + 65mg + 250mg

4. Diclofenac Sodium  
   Capsule (S/R), 75 mg
   Injection, 25mg/ml in 3ml ampoule, 75mg/ml
   Tablet (e/c), 25mg, 50mg, 75mg(s/r), 100mg(s/r)
   Suppository, 12.5mg, 25mg, 50mg, 100mg
   Sachet (as potassium salt), 50mg
   Gel, 1%, 3%

5. Diclofenac Sodium + Misoprostol  
   Tablet, 50mg + 200mcg

6. Ibuprofen  
   Capsule, 300mg
   Tablet, 200mg, 400mg (enteric coated, optional)
   Syrup, 100mg/5ml

7. Indomethacin  
   Syrup, 25mg/5ml, 100mg/5ml
   Capsule, 25mg, 50mg, 75mg
   Suppository, 100mg
   Tablet, 25mg (enteric coated, optional)

8. Sulphasalazine  
   Tablet (e/c), 500mg
**MS.200 Medicines Used for Gout**

1. Allopurinol 
   Tablet, 100mg

2. Ibuprofen 
   Tablet, 200mg, 400mg (enteric coated, optional)

3. Indomethacin 
   Capsule, 25mg 
   Suppository, 100mg

**MS.300 Skeletal Muscle Relaxants**

1. Baclofen 
   Tablet, 5mg, 10mg

2. Dantrolene Sodium 
   Tablet, 25mg, 50mg

3. Diazepam 
   Syrup, 2mg/5ml 
   Tablet, 2mg, 5mg, 10mg

**AI.000 ANTI-INFECTIVES**

**AI. 100 Antibacterials**

**AI.101 Penicillins**

1. Amoxicillin 
   Capsule, 250mg, 500mg 
   Syrup, 125mg/5ml, 250mg/5ml 
   Tablet, 500mg
| 2. Amoxicillin + Clavulanic Acid | Oral suspension, 125mg/5ml +31.25mg/5ml, 200mg/5ml +28.5mg/5ml, 250mg + 62.5mg/5ml, 400mg +57mg/5ml, 228mg/5ml + 457mg/ml Tablet (chewable), 125mg + 31.25mg, 250mg+62.5mg, (film coated), 250mg +125mg Capsule, 500mg +125mg, 875mg +125mg |
| 3. Ampicillin | Capsule, 250mg, 500mg Oral Suspension, 125mg/5ml, 250mg/5ml |
| 4. Cloxacillin Sodium | Capsule, 250mg, 500mg Syrup, 125mg, 250mg in each 5ml |
| 5. Penicillin G, Benzathine | Injection, 0.6, 1.2, 2.4 million IU in vial |
| 6. Phenoxymethyl Penicillin | Oral Suspension, 125mg/5ml, 50,000 IU/ml Tablet, 125mg, 250mg, 500,000IU *250mg = 400,000IU |
| 7. Phenoxymethyl Penicillin, Potassium | Suspension, 195mg/5ml Tablet, 390mg |
| 8. Procaine Pencillin, Fortified | Injection (Buffered), 4,000,000 IU |
| 9. Sultamicillin (Ampicillin-Sulbactam Double Ester) | Tablet, 375mg, 750mg |

**AI.102 Other Antibacterials**
<p>| | |</p>
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<tr>
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<tbody>
<tr>
<td>1. Ceftriaxone</td>
<td>Injection, 0.25g, 0.5g, 1g, 2g in vial</td>
</tr>
<tr>
<td>2. Cephalexin</td>
<td>Capsule, 250mg, 500mg</td>
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<tr>
<td></td>
<td>Syrup, 125mg/5ml</td>
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<tr>
<td>3. Chloramphenicol</td>
<td>Capsule, 250mg</td>
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<tr>
<td></td>
<td>Oral suspension, 125 mg/5ml</td>
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<td>Injection (sodium succinate), 1g in vial</td>
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<tr>
<td>4. Ciprofloxacin</td>
<td>Tablet (as hydrochloride), 250mg, 500mg, 1000mg</td>
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<tr>
<td></td>
<td>Capsule, 500mg, 1000mg</td>
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<tr>
<td>5. Doxycycline</td>
<td>Capsule, 100mg</td>
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<tr>
<td></td>
<td>Tablet, 100mg</td>
</tr>
<tr>
<td>6. Erythromycin</td>
<td>Capsule, 250mg</td>
</tr>
<tr>
<td></td>
<td>Oral suspension, 125mg/5ml, 200mg/5ml, 250mg/5ml</td>
</tr>
<tr>
<td></td>
<td>Tablet (stearate), 250mg, 500mg</td>
</tr>
<tr>
<td></td>
<td>Topical Solution, 1.5%</td>
</tr>
<tr>
<td>7. Gentamicin</td>
<td>Injection, 40mg/ml, 80 mg/ 2ml</td>
</tr>
<tr>
<td>8. Metronidazole</td>
<td>Tablet/Capsule, 250mg</td>
</tr>
<tr>
<td></td>
<td>Cream, 0.75%, 1%</td>
</tr>
<tr>
<td></td>
<td>Gel/Lotion, 1%</td>
</tr>
<tr>
<td>9. Norfloxacin</td>
<td>Tablet, 400mg</td>
</tr>
<tr>
<td>10. Spectinomycin</td>
<td>Injection, 2g in vial</td>
</tr>
<tr>
<td>11. Sulphamethoxazole + Trimethoprim</td>
<td>Injection, 400mg + 80 mg /5 ml</td>
</tr>
<tr>
<td></td>
<td>Mixture, 200mg + 40mg in 5ml</td>
</tr>
<tr>
<td></td>
<td>Tablet (Pediatric), 100mg + 20mg (Dispersible)</td>
</tr>
<tr>
<td></td>
<td>Tablet (Adult), 400mg +80mg, 800 mg +160mg</td>
</tr>
<tr>
<td>12. Tetracycline Hydrochloride</td>
<td>Capsule, 250mg, 500mg</td>
</tr>
<tr>
<td></td>
<td>Tablet, 250mg, 500mg (coated)</td>
</tr>
</tbody>
</table>
### AI. 103 Antituberculars

1. **Ethambutol**
   - Tablet, 100mg, 400mg
   - Oral Liquid, 25mg/ml

2. **Ethambutol + Isoniazide**
   - Tablet, 400mg + 150mg

3. **Isoniazide**
   - Injection, 100mg/ml in 10ml ampoule
   - Tablet, 100mg, 300mg
   - Oral Liquid, 50mg/5ml

4. **Pyrazinamide**
   - Tablet, 400mg, 500mg, 750mg

5. **Rifampicin**
   - Capsule, 150mg, 300mg, 600mg
   - Powder for injection, 300mg, 600mg in vial
   - Syrup, 20mg/5ml

6. **Rifampicin + Isoniazide**
   - Capsule, 150mg + 100mg
   - Tablet, 60mg + 30mg, 150mg + 100mg,
   - 300mg + 150mg, 150mg + 75mg

7. **Rifampicin + Isoniazide + Pyrazinamide**
   - Tablet (Dispersible), 60mg + 30mg + 150mg
   - Tablet, 150mg + 75mg + 400mg

8. **Rifampicin + Isoniazide + Pyrazinamide + Ethambuthol**
   - Tablet, 150mg + 75mg + 400mg + 275mg

9. **Streptomycin Sulphate**
   - Powder for injection, 1gm, 5gm base

### AI. 104 Antileprotics

1. **Clofazimine**
   - Capsule, 50mg, 100mg

2. **Dapsone**
   - Injection, 20% in 50ml ampoule
   - Tablet, 25mg, 50mg, 100mg
3. Rifampicin                                      Capsule, 150mg, 300mg, 600mg

**AI.200 Antifungals**

1. Amphotericin B                                  Lozenges, 10mg
2. Clotrimazole                                    Powder, 1%
                                          Mouth Paint, 1%
3. Fluconazole                                     Capsule/Tablet, 50 mg, 100mg, 200mg
                                          Oral suspension, 50 mg/5ml, 200mg/5ml
4. Griseofulvin                                    Tablet, 125mg, 250mg, 500mg
                                          Suspension, 125mg/5ml
5. Ketoconazole                                    Tablet, 200mg
                                          Syrup, 20mg/5ml
6. Miconazole                                      Oral Gel, 25mg/ml
                                          Tablet, 250mg
7. Nystatin                                        Tablet, 500,000 IU
                                          Oral suspension, 100,000 units/ml

**AI.300 ANTIVIRALS**

**AI.301 Anti-Retro Virals**

1. Abacavir Sulphate                               Tablet, 60mg, 300mg
                                          Oral liquid, 20mg/ml
<table>
<thead>
<tr>
<th></th>
<th>Product Description</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Abacavir Sulphate + Lamivudine</td>
<td>Tablet, 60mg + 30mg</td>
</tr>
<tr>
<td>3</td>
<td>Abacavir Sulphate + Lamivudine + Zidovudine</td>
<td>Tablet, 60mg + 30mg + 60mg</td>
</tr>
<tr>
<td>4</td>
<td>Didanosine</td>
<td>Tablet 25mg, 150mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chewable/dispersible, 100mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Capsule (delayed release), 250mg, 400mg</td>
</tr>
<tr>
<td>5</td>
<td>Efavirenz</td>
<td>Capsule, 50mg, 100mg, 200mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tablet, 50mg, 200mg, 600mg</td>
</tr>
<tr>
<td>6</td>
<td>Efavirenz + Emtricitabine + Tenofovir</td>
<td>Tablet, 600mg + 200mg + 300mg</td>
</tr>
<tr>
<td>7</td>
<td>Emtricitabine</td>
<td>Capsule, 200mg</td>
</tr>
<tr>
<td>8</td>
<td>Emtricitabine + Tenofovir</td>
<td>Tablet, 200mg + 300mg</td>
</tr>
<tr>
<td>9</td>
<td>Lamivudine</td>
<td>Tablet, 150mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oral solution, 10mg/ml</td>
</tr>
<tr>
<td>10</td>
<td>Lamivudine + Stavudine</td>
<td>Tablet, 150mg + 30mg</td>
</tr>
<tr>
<td>11</td>
<td>Lamivudine + Zidovudine</td>
<td>Tablet, 150mg + 300mg, 30mg + 60mg</td>
</tr>
<tr>
<td>12</td>
<td>Lamivudine + Zidovudine + Nevirapine</td>
<td>Tablet, 150mg + 300mg + 200mg; 30mg + 60mg + 50mg</td>
</tr>
<tr>
<td>13</td>
<td>Lamivudine + Nevirapine + Stavudine</td>
<td>Tablet, 150mg + 200mg + 30mg; 30mg + 50mg + 6mg; 60mg + 100mg + 12mg</td>
</tr>
<tr>
<td>14</td>
<td>Nevirapine</td>
<td>Tablet, 200mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oral suspension, 50mg/5ml</td>
</tr>
</tbody>
</table>
15. Stavudine                                Capsule, 15mg, 20mg, 30mg
Powder for oral solution, 1mg/ml

16. Tenofovir                                Tablet, 300mg

17. Tenofovir + Lamivudine                  Tablet, 300mg +300mg

18. Tenofovir + Lamivudine + Efavirenz      Tablet, 300mg +300mg +600mg

19. Zalcitabine                              Tablet, 375mcg, 750mcg

20. Zidovudine/Azidothymidine               Capsule, 100mg, 250mg
I.V infusion, 10mg/ml
Syrup, 50mg/5ml
Tablet, 300mg

AI.302 Other Antiviral

1. Acyclovir                                 Tablet, 200mg, 400mg
Cream, 5% 2gm
Ointment, 5%

AI.400 Antiprotozoals

AI.401 Antimalariaals

1. Artemether                                Oral Suspension, 40mg/0.5ml, 80mg/ml
Injection, 20mg/ml, 40mg/ml, 80mg/ml
Suppository, 40mg

2. Artesunate                                Tablet, 100mg, 200mg
<p>| | | | |</p>
<table>
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<tbody>
<tr>
<td>3.</td>
<td>Artemether + Lumefantrine</td>
<td>Tablet, 20mg +120mg (Dispersable)</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Chloroquine Phosphate</td>
<td>Tablet, 250mg, 500mg (equivalent to</td>
<td>Syrup, 50mg base/5ml</td>
</tr>
<tr>
<td></td>
<td></td>
<td>150mg, 300mg base)</td>
<td>Injection 50mg/ml (equivalent to 40mg/ml base)</td>
</tr>
<tr>
<td>5.</td>
<td>Dihydroartemisinin</td>
<td>Tablet, 60mg</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>Dihydroartemisinin + Piperaquine Phosphate</td>
<td>Tablet, 40mg + 320mg</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>Mefloquine Hydrochloride</td>
<td>Tablet, 250mg</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Primaquine Phosphate</td>
<td>Tablet, 7.5mg base, 15mg base</td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>Quinine Dihydrochloride</td>
<td>Injection, 300mg/ml in 1ml ampoule</td>
<td>Tablet, 300mg, 600mg</td>
</tr>
<tr>
<td>10.</td>
<td>Proguanil Hydrochloride</td>
<td>Tablet, 100mg (scored)</td>
<td></td>
</tr>
</tbody>
</table>

**AI.402 Amoebicides**

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Chloroquine Phosphate</td>
<td>Injection, 150mg base in 5ml ampoule</td>
<td>Tablet, 150mg, base</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tablet, 150mg, base</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Syrup, 50mg base/5ml</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Diloxanide Furoate</td>
<td>Tablet, 500mg</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Metronidazole</td>
<td>Suspension (Oral), 125mg/5ml, 200mg/5ml,</td>
<td>Capsule/Tablet, 250mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>250mg/5ml</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Syrup, 4% W/V, 250mg/5ml</td>
<td></td>
</tr>
</tbody>
</table>
4. 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 Antileshmania Medicines**

1. Amphotericin B Liposomal Injection, 10mg/ml, 50mg/vial
   Lozenges, 10mg
   Oral suspension, 100mg/ml

2. Hexadecylphosphocholine Capsule, 10mg, 50 mg

3. Pentamidine Isethionate Powder for injection, 200mg, 300mg/vial

4. Sodium Stibugluconate Injection, 100mg/ml

**AI.500 Anthelmintics**

**AI.501 Filaricides**

1. Diethylcarbamazine Citrate Tablet, 50mg

2. Ivermectin Tablet, 3mg, 6mg (scored)
3. Primaquine  Tablet, 15mg

**AI.502 Schistosomicides**

1. Metrifonate  Tablet, 100mg
3. Praziquantel  Tablet, 600mg

**AI.503 Other Anthelmintics**

1. Albendazole  Oral Suspension, 100mg/5ml
               Table, 200mg, 400mg
2. Levamisole  Table, 40mg
3. Mebendazole  Oral Suspension, 100mg/5ml
               Table, 100mg, 500mg
4. Niclosamide  Table (chewable), 500mg
5. Piperazine  Elixir (Citrate), 500mg, 622.5mg, 706mg,
               750mg, 937.5mg, 1g/5ml
               Table (Adipate), 300mg
6. Pyrantel Pamoate  Oral Suspension, 250mg base/5ml
               Table, 125mg base
7. Thiabendazole  Oral Suspension, 500mg/5ml
               Table, 500mg

**ED.000 MEDICINES USED IN ENDOCRINE**
DISORDERS AND CONTRACEPTIVES

ED.100 Corticosteroidal Preparations

1. Dexamethasone Table, 0.5mg, 0.75mg, 1mg, 2mg, 4mg

2. Hydrocortisone Injection (Sodium Succinate), 50mg/ml in 2ml ampoule, 125 mg/ml Powder for Injection, 25mg/ampoule, 500mg in vial Tablet (Acetate), 5mg, 10mg

3. Prednisolone Tablet, 1mg, 3.5mg, 5mg, 10mg

ED.200 Insulin and Oral Antidiabetic Agents

1. Glibenclamide Tablet, 5mg

2. Insulin Soluble/Neutral (HPB)* Injection, 100u/ml

3. Insulin Zinc Suspension (Insulin Lente) (HPB)* Injection, 100U/ml

4. Isophane/NPH Insulin (HPB)* Injection, 100u/ml

5. Metformin Tablet, 500mg, 850mg

* HPB stands for Human, porcine and Bovine

ED.300 Contraceptives

ED.301 Combined Oral Contraceptives
| 1. Drospirenone + Ethinyl Estradiol | Tablet (Film Coated), 3mg + 0.03mg |
| 2. 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 (6 tablets), 0.075mg + 0.04mg (5 tablets), 0.125mg + 0.03mg (10 tablets) |
| 3. Norethindrone (Norethisterone) + Ethinylestradiol | Tablet, 0.5mg + 0.035mg |
| 4. Norethindrone (Norethisterone) + Mestranol and Iron* | Tablet, 1mg + 0.05mg |

**ED.302 Progestogen Only Contraceptives**

| 1. Ethynodiol Diacetate | Tablet, 0.5mg |
| 2. Etonogestrel | Implant (Subdermal), 68 mg/capsule |
| 3. Levonorgestrel (D-Norgestrel) | Implant Capsule (Subdermal), 108mg/capsule Pack of 2 capsules; 75mg/capsule, pack of 2 capsules Tablet, 0.03mg, 0.75mg |
| 4. Medroxyprogesterone Acetate | Injection (aqueous suspension), 150mg/ml in 1 ml vial |
| 5. Norethindrone (Norethisterone) | Tablet, 0.35mg |
| 6. Norethindrone Enanthate (Norethisterone) | Injection (Oily), 200mg/ml ampoule |
ED.303 Contraceptive Devices, and Barriers

1. Condoms (Male, Female)
2. Copper T 380 A
3. Menfegol
4. Nonoxinol, Octoxinol

* Each iron tablet contains: Ferrous Fumarate-75mg

OG.000 OBSTETRIC AND GYNAECOLOGICAL MEDICATIONS

1. Clotrimazole
   - Cream (Vaginal), 1%
   - Tablet (Vaginal), 100mg, 500mg
2. Ergometrine Maleate
   - Injection, 0.25 mg/ml, 0.5 mg/ml
   - Tablet, 0.25mg, 0.5mg
3. Isoconazole
   - Tablet(vaginal), 300mg, 600mg
   - Cream, 1%, 2%
4. Magnesium Sulphate
   - Injection, 2%, 5%, 10%, 20%, 50% in 20ml
5. Methylergometrine Maleate
   - Injection, 0.2mg/ml
   - Tablet, 0.12mg
6. Metronidazole
   - Syrup, 4% W/V, 250mg/5ml
   - Tablet, 250mg
   - Tablet (vaginal), 500mg
7. Miconazole Nitrate
   - Tablet (vaginal), 200mg, 400mg
   - Cream (Vaginal), 2%
8. Mifeprstance
   - Tablet, 200mg
9. Misoprostol
   Tablet, 100mcg, 200mcg, 400mcg, 800mcg
   Tablet(Vaginal), 25mcg

10. Nystatin
    Cream (vaginal), 100,000 IU
    Pessary (ovules), 100,000 IU

11. Oxytocin
    Injection, 1unit/ml, 5unit/ml, 10unit/ml

12. Oxytocin + Ergometerine- Maleate
    Injection, 5Units +500mcg/ml

**BL.000 BLOOD PRODUCTS AND MEDICINES AFFECTING THE BLOOD**

**BL.100 Antiplatelet**

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

**BL.200 Hemostatic Agent**

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

**BL.300 Antianemic Agents**

1. Calcium Folinate (Leucovorin Calcium)
   Injection, 3mg/ml, 7.5mg/ml, 10mg/ml

2. Cyanocobalamin(Vitamin B12)
   Injection, 100mcg/ml, 1000mcg/ml in 1ml ampoule

3. Ferrous Salt
   Capsule, Drop, Tablet (enteric coated)

4. Ferrous Salt + Folic Acid
   Capsule, Tablet
5. Folinic Acid  Tablet, 15 mg

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

7. Iron Gluconate +Manganese-Gluconate +Copper Gluconate  
Oral solution, 5mg+1.33mg+0.77mg

**BL.400 Blood Substitutes and Plasma Expanders**

1. Albumin, Salt-free  
Solution, 20% in 100ml

2. Dextran (MW 40,000)  
Solution, 10% w/v in 5% Dextrose

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

∞ Any ferrous salt containing elemental form of accepted therapeutic value

**WE.000 MEDICINES FOR CORRECTING WATER, ELECTROLYTE AND ACID-BASE DISTURBANCES**

**WE.100 Oral**

1. Oral Rehydration Salt  
Powder, each sachet for 1 litre contains:

<table>
<thead>
<tr>
<th>Gram/Liter</th>
<th>mmol/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium</td>
<td>2.6</td>
</tr>
</tbody>
</table>
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

**WE. 200 Parenteral**

1. Calcium Gluconate (Levulinate) Injection, 10% in 10ml ampoule

2. Dextrose Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml

3. Dextrose in Normal Saline Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml

4. Lactated Ringer’s (Hartmann’s Solution) Injectable solution, each 1000ml contains:
   K⁺ 5.4mEq + Na⁺ 130.7mEq + Ca²⁺
   3.6mEq Cl⁻ 111.5mEq + Lactate
   28.2mEq in 500ml, 1000ml

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

6. Ringer’s Injection Injectable solution, each 1000ml contains:
   Na⁺ 147mEq + K⁺ 4mEq + Ca²⁺
   456mEq Cl⁻ 155mEq in 500ml, 1000ml

7. Sodium Chloride Injection 0.9% (Normal Saline), 10ml, 20ml, 500ml, 1000ml; 235mg/ml, 3% in 500ml
   Injection, 30%- 30mg in 10ml
WE.300 Enteral Nutrition

1. Calcium Caseinate

2. Soya- based non-milk preparations

VT.000 VITAMINS

VT.100 Vitamins, Single

1. Ascorbic Acid (Vitamin C)  Drops, 200mg/ml
Injection, 50mg/ml in 2ml ampoule,
100mg/ml in 5ml ampoule, 200mg/ml
Tablet, 100mg, 500mg, 1g

2. Calciferol (Ergocalciferol/Vitamin D2) Injection, 300,000 units/ml in 2ml ampoule
Oral solution, 20,000 units/ml, 400,000 units/ml
Tablet (strong), 1.25mg (50,000 units)

3. Cholecalciferol (Vitamin D3) Capsule, 250mcg
Injection (oily), 300,000 IU/ml

4. Cyanocobalamine (vitamin B12) Injection, 100mcg/ml, 1000mcg/ml in
1ml ampoule

5. Folic Acid Injection, 5mg/ml in 1ml ampoule.
Tablet, 200mcg, 1mg, 5mg

6. Nicotinamide Injection, 5mg/ml, 100mg/ml in 1ml ampoule
Tablet, 100mg
7. Nicotinic Acid
   Injection, 50mg/ml in 1ml ampoule
   Tablet, 50mg

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

9. Pyridoxine Hydrochloride
   (Vitamin B6)
   Injection, 50mg/ml in 2ml ampoule, 150mg/ml
   Tablet, 40mg, 100mg, 300mg

10. Thiamine Hydrochloride
    (Vitamin B1)
    Injection, 50mg/ml in 2ml ampoule
    Tablet, 5mg, 10mg, 100mg, 300mg

11. Vitamin A
    Capsule, 25,000IU, 50,000IU, 100,000IU
    Oral Solution, 150,000IU/ml (concentrate), 50,000IU/ml
    Tablet, 50,000IU, 100,000IU, 200,000IU
    Injection, under 200,000IU/ml

12. Vitamin E (Tocopherol)
    Injection, 50mg/ml in 2ml ampoule
    Tablet, 100mg; 100mg (Chewable)

VT. 200 Vitamins, Combinations
1. Vitamin A+D
   Capsule, 4,000 IU + 400 IU

VT.201 Vitamin B Complex Preparations*

VT.202 Multivitamin Preparations*
VT. 203 Multivitamin with Minerals and/or Extracts*

**AL.000 ANTIHISTAMINES AND ANTIALLERGICS**

**AL.100 Antihistamines**

1. Cetirizine  
   Oral solution, 1mg/ml  
   Tablet, 5mg, 10mg

2. Chlorpheniramine Maleate  
   Syrup, 2mg/5ml  
   Tablet, 2mg, 4mg, 6mg

3. Dextchlorpheniramine Maleate  
   Tablet, 2mg, 4mg, 6mg  
   Syrup, 2mg/5ml

4. Diphenhydramine Hydrochloride  
   Capsule, 25mg, 50mg  
   Elixir, 12.5mg/5ml  
   Injection, 50mg/ml in 1ml ampoule

5. Loratadine  
   Syrup, 5mg/5ml  
   Tablet, 10mg

8. Pheniramine Aminosalicylate  
   Tablet, 50mg, 75mg

9. Promethazine Hydrochloride  
   Elixir, 5mg/5ml  
   Injection, 25mg/ml in 1ml and 2ml ampoules  
   Suppository, 25mg, 50mg  
   Tablet, 10mg, 25mg

*Any combinations proven to be therapeutically effective can be acceptable*
AL. 200 Medicines Used in Allergic Emergencies

1. Adrenaline (Epinephrine) Injection, 0.1% in 1ml ampoule, 1:1000 1mg/ml

2. Hydrocortisone Injection (Sodium Succinate), 50mg/ml

3. Promethazine Hydrochloride Injection, 25mg/ml in 1ml and 2ml ampoules

OP. 000 OPHTHALMIC AGENTS

OP. 100 Anti-infectives, Ophthalmic

OP. 101 Antibacterials

1. Chloroamphenicol Eye ointment, 1%, 5%  
   Eye drops, 0.4%, 0.5%, 1%, 5%

2. Gentamycin Eye drops, 0.3%

3. Oxytetracycline Hydrochloride Eye ointment, 0.5%

4. Tetracycline Eye ointment, 1%  
   Eye drops, 1%

OP. 102 Antiviral

1. Acyclovir Eye ointment, 3%
OP. 200 Anti-inflammatory/Anti-allergic Medicines

OP. 201 Non steroidal Anti-inflammatory Medicines

1. Diclofenac Sodium Eye drops, 0.1%

OP. 202 Vasoconstrictors

1. Oxymetazoline Hydrochloride Eye drops, 0.025%, 0.05%
2. Tetrahydrozoline Hydrochloride Eye drops, 0.05%

OP. 300 Anti-infective/Anti-inflammatory Combinations

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

OP. 400 Anesthetics, Local

1. Bupivacaine Hydrochloride Injection, 0.5%, 0.75%, in 10ml vial
2. Lidocaine Hydrochloride Injection, 1%, 2%
3. Lidocaine Hydrochloride + Adrenaline Injection, 1%, 2% + 1: 1000 IU
4. Tetracaine Hydrochloride Eye drops, 0.5%

OP. 500 Diagnostics and Miscellaneous Agents

1. Artificial tear(Carboxylmethyl Cellulose + Hydroxypropyl Methyl Cellulose) Drops, Ointment
ENT.000 EAR, NOSE AND THROAT PREPARATIONS

ENT.100 Nasal and Oropharyngeal Preparations

1. Acyclovir  Cream, 5% 2gm
2. Amyl-Meta-Cresol + Lozenges, 0.6mg + 1.2mg
   Dichlorobenzyl Alcohol
3. Chlorhexidine Gluconate  Oral Solution, 0.12%
4. Clotrimazole  Troches, 10mg
   Drops, 100ml
   Spray, 100ml
   Mouth paint, 1%
5. Dequalinium Chloride  Lozenge, 0.25mg
6. Ephedrine Sulphate  Solution (Nose drops), 1%
7. Gentian Violet  Solution, 1%
8. Hexetidine*  Solution, 0.1%

*Any preparation proven to be therapeutically effective can be acceptable
9. Hexidine  Oral Solution, 0.1gm/100ml, 0.2%
10. Hydrogen Peroxide  Solution, 1.5%, 3%
11. Menthol + Eucalyptus Oil + Inhalation, 2% +10% 7%
   Light Magnesium Carbonate
<table>
<thead>
<tr>
<th></th>
<th>Product</th>
<th>Formulation/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.</td>
<td>Miconazole</td>
<td>Oral Gel, 25mg/ml</td>
</tr>
<tr>
<td>13.</td>
<td>Mometasone Furoate</td>
<td>Intranasal spray, 0.05%</td>
</tr>
<tr>
<td>14.</td>
<td>Nystatin</td>
<td>Pastilles, 100,000 Units</td>
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<td></td>
<td></td>
<td>Suspension, 100,000 Units/ml</td>
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<tr>
<td></td>
<td></td>
<td>Oral gel, 1000,000 IU/gm, tube- 50gm</td>
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<tr>
<td></td>
<td></td>
<td>Cream, 100,000 IU/gm, Tube- 50gm</td>
</tr>
<tr>
<td>15.</td>
<td>Oxymetazoline Hydrochloride</td>
<td>Jelly</td>
</tr>
<tr>
<td>16.</td>
<td>Povidone-Iodine</td>
<td>Solution, 1%</td>
</tr>
<tr>
<td>17.</td>
<td>Pseudoephedrine Hydrochloride</td>
<td>Syrup, 30mg/ml</td>
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<tr>
<td>18.</td>
<td>Pseudoephedrine + Loratadine</td>
<td>Tablet, 120mg +5mg</td>
</tr>
<tr>
<td>19.</td>
<td>Saline Solution</td>
<td>Solution, 0.09%</td>
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<tr>
<td>20.</td>
<td>Thymol + Methylsaltsalate + Ethanol</td>
<td>Oral Solution, 0.639gm +0.6gm +27%</td>
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<td>Solution (Nose drop), 0.05%, 0.1%</td>
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<tr>
<td>21.</td>
<td>Xylometazoline Hydrochloride</td>
<td>Spray, 0.025%, 0.05%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Solution (Nose drops), 0.05%, 0.1%</td>
</tr>
</tbody>
</table>

**ENT.200 Otic Agents**

1. Acetic Acid | Solution (ear drops), 2%

2. Chloramphenicol | Solution (ear drops), 1%, 2%, 5%

3. Clotrimazole | Solution (ear drops), 1%
4. Gentamicin Solution (ear drops), 0.3%

5. Hydrogen Peroxide Solution, 3%

6. Oxytetracycline Ear drop, 0.5%

7. Oxytetracycline Hydrochloride Ear drop, 5mg +15mg+10.000U/ml
Hydrocortisone Acetate + Polymyxin B sulphate

DE.000 DERMATOLOGICAL AGENTS

DE.100 Anti-Infectives,

Topical

1. Acyclovir Ointment, 5%
Cream, 2gm 5%

2. Benzoic Acid +Salicylic Acid Ointment, 6% +3%, 12% +6%

3. Benzyl Benzoate Lotion, 25%

4. Clotrimazole Cream, 1%
Solution, 1%
Topical Powder, 1%
Ointment,1%

5. Gamabenzene Hexachloride Cream, 1%

6. Gentamycin Cream, 0.1%
Ointment, 0.3%

7. Gentian Violet Solution, 0.5%, 1%
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
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</tr>
</thead>
<tbody>
<tr>
<td>8.</td>
<td>Isoconazole</td>
<td>Cream, 1%, 2%</td>
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<tr>
<td>9.</td>
<td>Ketoconazole</td>
<td>Cream, 2%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lotion, 2%</td>
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<tr>
<td></td>
<td></td>
<td>Shampoo, 2%</td>
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<tr>
<td></td>
<td></td>
<td>Ointment, 2%</td>
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<tr>
<td>10.</td>
<td>Malathion</td>
<td>Shampoo, 1%</td>
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<td>11.</td>
<td>Metronidazole</td>
<td>Cream, 0.75%, 1%</td>
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<tr>
<td></td>
<td></td>
<td>Gel, 1%</td>
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<td></td>
<td></td>
<td>Lotion, 1%</td>
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<td>12.</td>
<td>Miconazole Nitrate</td>
<td>Cream, 2%</td>
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<tr>
<td></td>
<td></td>
<td>Lotion, 2%</td>
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<tr>
<td></td>
<td></td>
<td>Tincture, 2%</td>
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<td>13.</td>
<td>Nitrofurazone gauze</td>
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<td>14.</td>
<td>Nystatin</td>
<td>Cream, 100,000IU/g</td>
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<td></td>
<td></td>
<td>Ointment, 100,000IU/g</td>
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<tr>
<td></td>
<td></td>
<td>Powder, 100,000IU/g</td>
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<tr>
<td>15.</td>
<td>Permethrine</td>
<td>Lotion 1%, 5%</td>
</tr>
<tr>
<td>16.</td>
<td>Salicylic Acid</td>
<td>Ointment, 2%, 5%, 10%</td>
</tr>
<tr>
<td>17.</td>
<td>Selenium Sulphide</td>
<td>Suspension, 2.5%</td>
</tr>
</tbody>
</table>
18. Silver Sulphadiazine Cream, 1%

19. Sulphur Ointment, 5%, 10%

20. Tetracycline Ointment, 3%

21. Zinc Undecenoate + Undecenoin Acid Ointment, 20% +5%
Powder, 20% +2%
Powder (aerosol), 20% +2%

DE.200 Anti-Inflammatories, Topical

1. Dexamethasone NaPO₄ Cream, 0.1%

2. Fluocortolone Pivalate + Lidocaine Hydrochloride Cream, 1mg +20mg/1gm
Suppository, 1mg +40mg/unit

3. Hydrocortisone Acetate Cream, Ointment, 1%

4. Methyl Predinosolone Aceponate Ointment, Cream, 0.1%

DE. 300 Anti-Infective/Anti-inflammatory combination

1. Clioquinol + Hydrocortisone Cream, Ointment, 3% +0.5%, 3% +1%

2. Clotrimazole + Hydrocortisone Cream, Ointment, 1% +1%

3. Dexamethasone Acetate + Clotrimazole Cream, 0.4mg +100mg
DE.400 Keratolytics /Caustics and Antiacne Agents

1. Adapalene  Gel, 0.1%

2. Azelaic Acid  Cream, 20%

3. Benzoyl Peroxide  Gel, 2.5%, 5%, 10%

        Solution, 2.5%, 5%, 10%

4. Camphor  Cream, Lotion, Solution

5. Coal Tar + Salicylic Acid  Ointment, 2%+5%, 2%+10%

6. Glutaraldehyde  Solution, 10%

7. Podophyllin  Solution, 25%

8. Salicylic Acid  Ointment, 2%, 5%, 10%

9. Salicylic Acid + Lactic Acid +

        Polidocanol  Tincture, 2gm+0.5gm+0.2gm/10gm

10. Silver Nitrate +Potassium  Ointment, 95% +5%

    Nitrate

DE. 500 Medicines for Psoriasis and Eczema

1. Ichthammol  Ointment, 10%, 20%

2. Zinc Oxide  Lotion, 15%

        Ointment, 15%

3. Zinc Oxide +Talc  Paste, 15% +25%
DE. 600 Antiprurities

1. Calamine Lotion, 5%

2. Calamine + Zinc Oxide Cream, 4%+3%
   Lotion, 15%+5%

3. Crotamiton Cream, 10%
   Lotion, 10%

DE.700 Skin Disinfecting Agents

1. Chlorhexidine Gluconate + Cetrimide Solution, 1.5%+15%, 0.3%+3%w/v

2. Ethyl Alcohol Solution, 70%

3. Hydrogen Peroxide Solution, 3%, 6%

4. Iodine Solution, 2%

5. Potassium Permanganate Tablet (for solution), 50mg, 120mg, 200mg,
   250mg, 300mg

6. Povidone Iodine Solution, 4%, 7.5%, 10%

DE.800 Dermatologicals, Others

1. Aminacrine(Aminoacridine) + Alantoin Cream, 0.0695% +2%
2. Methylsalicylate

3. Paraffin Guaze Dressing

4. Talc Dusting Powder

5. Urea
   Cream, 10%, 15%, 20%, 40%

**AD.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. Apomorphine Hydrochloride
   Injection, 3mg/ml in 1ml ampoule

4. Atropine Sulphate
   Injection, 1mg/ml in 1ml ampoule

5. Calcium Gluconate, Levulinate or Chloride
   Injection, 10% in 10ml ampoule

6. Desferrioxamine Mesylate
   Powder for injection, 0.5g in vial

- Any rubifacient proven to be therapeutically effective can be used

7. Digoxin Immune Fab (Ovine)
   Powder for injection, 40mg
   Digoxin-specific, antibody
8. Dimercaprol Injection, 5% in 2ml ampoule
9. Flumazenil Injection, 0.1mg/ml in 5ml ampoule
10. Ipecac Syrup, 7% powdered Ipecac
11. Methionine Tablet, 250mg
12. Methylene Blue Injection, 1% in 10ml ampoule
13. Naloxone Hydrochloride Injection, 0.02mg/ml in 2ml ampoule,
0.4mg/ml in 1ml and 10ml ampoule, 1mg/ml
14. Penicillamine Capsule, 250mg
15. Physostigmine Salicylate Injection, 1mg/ml in 1ml and 2ml ampoule
16. Phytomenadione (Vitamin K) Injection, 10mg/ml in 1ml ampoule
17. Pralidoxime Chloride Powder for injection, 1g/vial
Tablet, 500mg
18. Protamine Sulphate Injection, 10mg/ml in 5ml ampoule;
250mg (10mg/ml), 25ml
19. Sodium Calcium Edetate Injection, 200mg/ml in 5ml ampoule
20. Sodium Nitrite Injection, 3% (30mg/ml)
21. Sodium Polystyrene Sulphonate Powder, 15gm
22. Sodium Thiosulphate Injection, 10% in 50ml ampoule

23. Universal Antidote Powder, 2parts+1part+1part
   (Charcoal + Tannic acid + Magnesium oxide)

**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. Botulism Antitoxin Polyvalent Types A, B and E

4. Diphtheria Antitoxin Injection, 2000 units/ml in 5ml

5. Diphtheria and Tetanus Toxoid Injection, 0.5ml

6. Diphtheria, Tetanus Toxoid and Pertussis Vaccine Injection, 0.5ml

7. Gas Gangrene Antitoxin, mixed Injection, 25,000 units in 20ml

8. Haemophilus Influenzae Type B (Hib) Vaccine Injection, 0.5ml

9. Hepatitis B Vaccine, inactivated Injection, 16.5% in 2ml and 10ml

10. Hepatitis B Vaccine Injection, 0.5ml
<table>
<thead>
<tr>
<th></th>
<th>Vaccine</th>
<th>Dosage</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Human Antirabies Immunoglobulin</td>
<td>Injection, 150IU/ml in 2ml</td>
</tr>
<tr>
<td>2</td>
<td>Influenza Virus Vaccine Polyvalent</td>
<td>Injection, 0.5ml</td>
</tr>
<tr>
<td>3</td>
<td>Measles Virus Vaccine Live attenuated</td>
<td>Injection, 0.5ml</td>
</tr>
<tr>
<td>4</td>
<td>Meningococcal Polysaccharide Vaccine</td>
<td>Injection, 0.5ml</td>
</tr>
<tr>
<td>5</td>
<td>Pentavalent(Diphtheria, Pertusis, Tetanus, Hepatitis B, Haemophilus InfluenzaeB) Vaccine</td>
<td>Injection, 0.5 ml</td>
</tr>
<tr>
<td>6</td>
<td>Pneumococcal Polysaccharide Vaccine</td>
<td>Injection, 0.5ml</td>
</tr>
<tr>
<td>7</td>
<td>Poliomyelitis Vaccine Trivalent Type I, II, and III</td>
<td>Oral, 0.5ml, 10ml and 20ml</td>
</tr>
<tr>
<td>8</td>
<td>Rabies Antiserum, Equine</td>
<td>Injection, 200units in 5ml</td>
</tr>
<tr>
<td>9</td>
<td>Rabies Vaccine</td>
<td>Injection, 100ml in vial</td>
</tr>
<tr>
<td>10</td>
<td>Rabies Vaccine Duck Embryo</td>
<td>Injection, 100ml in vial</td>
</tr>
<tr>
<td>11</td>
<td>Rabies (Human Diploid Cell) Vaccine</td>
<td>Injection, 2.5IU/ml</td>
</tr>
</tbody>
</table>
22. Rota Virus Vaccine Monovalent  Oral solution, 2ml
   (P1 [8], G1), Bivalent,
   Pentavalent (G1, 2, 3, 4, 5
   and P1 [8])

23. Scorpion Venon Antisera Injection, 0.5ml
   (Scorpion Antivenom)

24. Snake Venom Antiserum Injection, 10ml
   Polyvalent

25. Tetanus Antitoxin, Equine Injection, 1500Units, 3000Units, 20000Units

26. Tetanus Immune Human Injection, 3000Units
   Globulin

27. Tetanus Toxoid Injection, 0.5ml, 1ml

**MI.000**

**MISCELLANEOUS**

1. Aluminum Sulphate + Calcium Water treatment powder in the ratio of 23:1:1
   Hypochlorite +
   Sodium Carbonate by weight

2. Anticoagulant Citrate (ACD Solution, 1.32gm +0.44gm +1.47gm
   Solution) Sodium Citrate +
   Citric Acid + Dextrose

3. Calcium Hypochlorite + Iron Water treatment Powder
   Sulphate + Bentonite+Potassium
Permanganet Polyacrylamide + 
Sodium Carbonate

4. Formaldehyde Solution, 3%, 8% (w/w or v/v)

5. Glutaraldehyde Solution, 2%

6. Halazone Tablet, 4mg

7. Hydroxyethyl Cellulose (KY Jelly)

8. Iodized Salt

9. Oxidized Cellulose

10. Oxygen (White-Colored Cylinder)

11. Saccharin Tablet

12. Sodium Chloride Free Salt

13. Sodium Dichloroisocyanurate Tablet, 67mg, 75mg

14. Sorbitol

15. Supportive Hepatic Preparations that contain:
    Essential Phospholipids and Vitamins

16. Water for Injection in 2ml, 5ml, 10ml
LIST OF PARTICIPANTS which participated in the Workshop

1. Abdulkadir Wolyei, FMHACA /Jimma, Pharmacist.
2. Abenet Denberu, Caroga Pharmaceutical, Pharmacist
3. Aden Bunara, A.A R.H.B, Pharmacist
4. Admas Ambssa, Benchangul R.H.B, Druggist
5. Afework Nida, FMHACA, Pharmacist
6. Aschalew Bekele, FMHACA, Pharmacist
7. Asheber Yeshewalul, FMHACA/ Awassa, Druggist
<table>
<thead>
<tr>
<th>No.</th>
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<th>Organization</th>
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<tbody>
<tr>
<td>8.</td>
<td>Asmamaw Zeleke</td>
<td>FMHACA Bahirdar</td>
<td>Pharmacist</td>
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<tr>
<td>9.</td>
<td>Ayalew Adnew</td>
<td>MSH/SPS</td>
<td>Pharmacist</td>
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<td>10.</td>
<td>Aynalem Abraha</td>
<td>Black Lion Hospital</td>
<td>Oncologist</td>
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<td>11.</td>
<td>Balkachew Abatneh</td>
<td>EDA</td>
<td>Druggist</td>
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<td>12.</td>
<td>Bereket Bekele</td>
<td>Kenema Pharmacy No. 4</td>
<td>Pharmacist</td>
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<td>13.</td>
<td>Berhanu Tekle</td>
<td>MAPPP-E</td>
<td>Physician</td>
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<td>14.</td>
<td>Bilal Tessema</td>
<td>University of Gonder</td>
<td>SOP, Pharmacist</td>
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<td>15.</td>
<td>Biruk Teklu</td>
<td>Dire Dawa H.B</td>
<td>Health Officer</td>
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<td>Eyasu Mokonen</td>
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<td>Ezra Muluneh</td>
<td>AARHB</td>
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<td>Fekade Bruck Seme</td>
<td>AAU, SO P</td>
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<tr>
<td>19.</td>
<td>Fikru Worku</td>
<td>PFSA</td>
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<td>20.</td>
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<td>21.</td>
<td>Gebru Berhe</td>
<td>Aksum Pharmacy #4</td>
<td>Pharmacist</td>
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<td>22.</td>
<td>Genet Desalegn</td>
<td>Mekele Hospital</td>
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<td>Getenete Assefa</td>
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<td>Getu Bogale</td>
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<td>H/Meskel Mekonnen</td>
<td>Jimma University</td>
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<td>26.</td>
<td>Hanna Mengistu</td>
<td>Felegehiwot Hospital</td>
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<td>27.</td>
<td>Hiwet Tadesse</td>
<td>Yubetbe Drug Store</td>
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<td>28.</td>
<td>Kaleb Terefe</td>
<td>SNNPR</td>
<td>Pharmacist</td>
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<tr>
<td>29.</td>
<td>Kebede Berhane</td>
<td>Mekele</td>
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<td>30.</td>
<td>Lombo Desta</td>
<td>FMOH</td>
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<td>31.</td>
<td>Mamo Engdayehu</td>
<td>FMHACA</td>
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<tr>
<td>32.</td>
<td>Melke Darfumo</td>
<td>Hawassa Health Center</td>
<td>Pharmacist</td>
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<tr>
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<td>Merid Mersha</td>
<td>Dilchora Hospital</td>
<td>Med. Doc</td>
</tr>
<tr>
<td>34.</td>
<td>Meseret Zerehun</td>
<td>PFSA</td>
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<tr>
<td>35.</td>
<td>Mulugeta Olika O.H.B</td>
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<td>Mulunesh Diriba</td>
<td>O. H.B</td>
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<td>37.</td>
<td>Mussie Ghezu</td>
<td>Mekele University</td>
<td>Pharmacist</td>
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<td>38.</td>
<td>Nega Gete</td>
<td>Fasil D/Store</td>
<td>Druggist</td>
</tr>
<tr>
<td>39.</td>
<td>Nugussie Deboro</td>
<td>Amanuel Hospital</td>
<td>Pharmacist</td>
</tr>
</tbody>
</table>
40. Petros Mitiku, PHSP, M.D.
41. Ribka Mekonnen PFSA, Pharmacist
42. Sofeyane Abdulber, FMOH, Pharmacist.
43. Solomon Getnet, Bahir Dar H.C, Pharmacist
44. Teklay Weldemariam, TRHB, Pharmacist
45. Terefe Meshesha (Dr.), Adama Hospital, Surgeon
46. Tesfaye Taye R.H.B, Nurse
47. Tigest Nigussie, Endod Drug Store, Druggist
48. Wondimeneh Belay, ARHB, Pharmacist
50. Yenus Mehamed, Afar R.H.B Druggist.
51. Yohannes Ayele, EPA, Pharmacist.
52. Yonas Ashebir, Alert hospital, Pharmacist
53. Zelleke Dagnatchew, NDAC, Veterinarian
54. Zenebe Tesfaye, ARHB, Pharmacist
55. K/Mariam G/Michal, FMHACA/RSSID director, pharmacist

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