

# List of Medicine for Health Centers

Food, Medicine and Healthcare  
Administration and Control Authority

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## **Aknowledgedment**

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.

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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 with in 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. Pharmaco therapeutics 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](http://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<br>Suspension, 360mg/5ml<br>Tablet (chewable), 500mg            |
| 2. Aluminum Hydroxide +<br>Magnesium Hydroxide♣                                | Suspension, 220mg +195mg/5ml<br>Tablet (chewable), 400mg + 400mg                       |
| 3. Aluminum Hydroxide +<br>Magnesium Hydroxide +<br>Simethicone♣               | Oral Suspension, 225mg + 200mg + 25mg/ 5ml   |
| 4. Aluminum Hydroxide +<br>Magnesium Hydroxide +<br>Simethicone + Alginic Acid | Tablet, 125mg +250mg +<br>50mg + 100mg   |
| 5. Aluminum Hydroxide +<br>Magnesium Trisilicate♣                              | Suspension, 310mg + 620mg in 5 ml<br>Tablet (chewable), 120mg + 250mg;<br>250mg +500mg |
| 6. Calcium Carbonate   | Tablet, 350mg, 500mg, 700mg  |
| 7. Magnesium Hydroxide   | Suspension, 375mg/5ml, 7.75%<br>Tablet (chewable), 300mg, 311 mg                       |

- |  |  |
|--|--|
| 8. Magnesiumm Trisilicate  | Tablet (chewable), 500mg                             |
| 9. Sodium Alginate +Magnesium<br>Hydroxide +Aluminum Hydroxide<br>+Simethicone | Oral suspension, 100mg +250mg +125mg +50mg in<br>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<br>Syrup, 200mg/5ml<br>Tablet, 200mg, 400mg, 800mg<br>Tablet (chewable), 200mg |
| 2. Omeprazole | Capsules (enclosing e/c granules),<br>20mg<br>Tablet, 20mg (enteric coated)                                       |

## **GI.300 Antispasmodics / Spasmolytic Analgesics**

- |   |                                   |
|---|-----------------------------------|
| 1. Atropine Sulphate                      | Injection, 1mg/ml in 1 ml ampoule |
| 2. Chlordiazepoxide+ Clidinium<br>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:		
	<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	
2. Zinc Sulphate	Tablet (dispersible), 10mg, 20mg		

Oral liquid, 10mg/unit dosage form

### **GI.700 Antiflatulents**

- |                       |   |
|-----------------------|---|
| 1. Activated Charcoal | Tablet, 125mg, 250mg  |
| 2. Simethicone        | Tablet (chewable), 60mg, 80mg, 95mg<br>Capsule, 95 mg, 125 mg |

### **GI.800 Antihaemorrhoidal Agents**

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

## **CV.000 CARDIOVASCULAR MEDICINES**

### **CV.100 Antihypertensives**

- |                        |  |
|------------------------|--|
| 1. Amlodipine          | Tablet, 2.5 mg, 5 mg, 10mg                               |
| 2. Atenolol            | Tablet, 50mg, 100mg                                      |
| 3. Enalapril Maleate   | Tablet, 2.5mg, 5mg, 10mg, 20mg, 40mg                     |
| 4. Hydralazine         | Injection, 20mg/ml in 1ml ampoule<br>Tablet, 25mg, 50 mg |
| 5. Hydrochlorothiazide | Tablet, 25mg   |
| 6. Methyldopa          | Tablet, 250mg, 500mg                                     |

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

- |                |  |
|----------------|--|
| 7. Nifedipine  | Capsule, 5mg, 10mg, 20mg, 30mg (m/r)<br>Tablet, 10mg , 20mg, 30mg, 40mg,<br>60mg, 90mg (m/r) |
| 8. Propranolol | Tablet, 10mg, 40mg   |

### **CV.200 Diuretics**

- |              |  |
|--------------|--|
| 1. Frusemide | Elixir, 10mg/ml<br>Injection, 10mg/ml in 2ml ampoule<br>Tablet, 40mg, 80mg |
|--------------|--|

- |                        |  |
|------------------------|--|
| 2. Hydrochlorothiazide | Tablet, 25mg   |
| 3. Spironolactone      | Tablet, 25mg, 100mg<br>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 Hydrochloride + 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<br>Tablet, 2mg, 4mg, 6mg |
| 6. Dexchlorpheniramine +  | Syrup, 2mg + 100mg + 20mg/5ml           |

## Guaifenesin + Pseudoephedrine

- |   |   |
|---|---|
| 7. Dextromethorphan-<br>Hydrobromide                        | Drops, 15mg/ml<br>Syrup, 5mg, 7.5mg, 15mg/5ml<br>Tablet, 15mg |
| 8. Dextromethorphan-<br>Hydrobromide+<br>Guaicol Sulphonate | Syrup, 0.3gm +7.6gm/100ml                                     |
| 9. Diphenhydramine+<br>Sodium Citrate+<br>Ammonium Chloride | Syrup, 12.5mg +60mg +130mg/5ml                                |
| 10. Guaifenesin   | Capsule, 200mg<br>Syrup, 100mg/5ml<br>Tablet, 100mg, 200mg    |

## **RE.200 Bronchodilators / Antiasthmatics**

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

	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                                      | Tablet, 75mg+200mcg  |
| 4. Ibuprofen   | Capsule, 300mg<br>Tablet, 200mg, 400mg (enteric coated, optional)<br>Syrup, 100mg/5ml  |
| 5. Paracetamol   | Drops, 100mg/ml<br>Suppository, 125mg, 250mg<br>Syrup, 120mg/5ml, 250mg/5ml<br>Tablet, 100mg, 500mg<br>Injection, 1gm in 100ml |
| 6. Paracetamol + Pseudoephedrine<br>Hydrochloride+<br>Chlorpheniramine | Tablet, 325mg + 15mg +1mg  |
| 7. Tramadol Hydrochloride  | Injection, 50mg/ml<br>Tablet/capsule, 50 mg, 75mg, 100mg, 150mg,<br>200mg, 300mg   |

### **NS.200 Antimigraine Headache Medicines**

- |   |  |
|---|--|
| 1. Acetylsalicylic Acid +<br>Paracetamol + Caffeine | Tablet, 250mg + 250mg + 65mg   |
| 2. Ergotamine Tartrate                              | Injection, 0.25mg/ml in 1ml ampoule<br>Tablet, 1mg, 2mg (sublingual) |
| 3. Ergotamine Tartrate+ Caffeineβ                   | Tablet 1mg + 100mg<br>Suppository, 2mg + 100mg                       |



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

### **NS. 300 Hypnotics and Anxiolytics<sup>a</sup>**

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

### **NS.400 Antidepressants<sup>a</sup>**

- |                               |                           |
|-------------------------------|---------------------------|
| 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<br>Tablet, 100mg, 200mg                    |
| 2. Clonazepam    | Injection, 1mg/ml in 1ml ampoule<br>Tablet, 0.5mg, 1mg, 2mg |
| 3. Diazepam      | Injection, 5mg/ml in 2ml ampoule<br>Suppository, 5mg, 10mg  |

- |                                   |  |
|-----------------------------------|--|
| 4. Diphenylhydantoin (Phenytoin)  | Capsule, 50mg, 100mg<br>Powder for injection (sodium), 250mg/vial<br>Tablet, 50mg, 100mg<br>Injection, 50mg/ml in 5ml vial (Sodium Salt) |
| 5. Magnesium Sulphate             | Injection, 50% in 20ml   |
| 6. Phenobarbitone (Phenobarbital) | Injection (sodium), 25mg/ml, 100mg/ml<br>Tablet, 15mg, 30mg, 60mg, 100mg<br>Elixir, 20mg/5ml   |
| 7. Sodium Valproate               | Syrup, 200mg/5ml<br>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<sup>a</sup>**

- |                                 |  |
|---------------------------------|--|
| 1. Chlorpromazine Hydrochloride | Drops, 25mg/ml in 10ml, 40mg/ml in 10ml and 30ml bottle<br>Injection, 25mg/ml in 1ml and 2ml ampoule, 50mg/ml in 2ml ampoule<br>Syrup, 25mg/5ml<br>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<br>Oral liquid, 2mg/ml<br>Tablet, 1 mg, 2mg, 5mg |
| 5. Olanzapine  | Tablet, 5mg   |

### **NS.600 Antiparkinson Agent**

- |  |                  |
|--|------------------|
| 1. Benzhexol<br>(Trihexyphenidyl<br>hydrochloride) | Tablet, 2mg, 5mg |
|--|------------------|

## **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<br>Injection, 0.5%, 1%, 2%, 5%<br>Jelly, 2% in 30ml<br>Ointment, 5% in 10gm<br>Spray, 2%, 4%, 10% in 80g |
| 4. Lidocaine Hydrochloride +<br>Adrenaline | Injection, 1%+1:200, 000 in 20ml vial<br>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)
9. 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<br>Suppository, 100mg             |

## **MS.300 Skeletal Muscle Relaxants**

- |                      |  |
|----------------------|--|
| 1. Baclofen          | Tablet, 5mg, 10mg                        |
| 2. Dantrolene Sodium | Tablet, 25mg, 50mg                       |
| 3. Diazepam          | Syrup, 2mg/5ml<br>Tablet, 2mg, 5mg, 10mg |

## **AI.000 ANTI- INFECTIVES**

### **AI. 100 Antibacterials**

#### **AI.101 Penicillins**

- |                |   |
|----------------|---|
| 1. Amoxicillin | Capsule, 250mg, 500mg<br>Syrup, 125mg/5ml, 250mg/5ml<br>Tablet, 500mg |
|----------------|---|

- |  |  |
|--|--|
| 2. Amoxicillin + Clavulanic Acid                         | Oral suspension, 125mg/5ml +31.25mg/5ml,<br>200mg/5ml +28.5mg/5ml, 250mg + 62.5mg/5ml,<br>400mg +57mg/5ml, 228mg/5ml + 457mg/ml<br>Tablet (chewable), 125mg + 31.25mg,<br>250mg+62.5mg, (film coated), 250mg +125mg<br>Capsule, 500mg +125mg, 875mg +125mg |
| 3. Ampicillin  | Capsule, 250mg, 500mg<br>Oral Suspension, 125mg/5ml, 250mg/5ml   |
| 4. Cloxacillin Sodium                                    | Capsule, 250mg, 500mg<br>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<br>Tablet, 125mg, 250mg, 500,000IU<br>*250mg = 400,000IU  |
| 7. Phenoxymethyl Penicillin,<br>Potassium                | Suspension, 195mg/5ml<br>Tablet, 390mg   |
| 8. Procaine Pencillin, Fortified                         | Injection (Buffered), 4,000,000 IU   |
| 9. Sultamicillin (Ampicillin-<br>Sulbactam Double Ester) | Tablet, 375mg, 750mg   |

## **AI.102 Other Antibacterials**

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

## **AI. 103 Antituberculars**

- |  |   |
|--|---|
| 1. Ethambutol  | Tablet, 100mg, 400mg<br>Oral Liquid, 25mg/ml  |
| 2. Ethambutol +Isoniazide                                | Tablet, 400mg+150mg   |
| 3. Isoniazide  | Injection, 100mg/ml in 10ml ampoule<br>Tablet, 100mg, 300mg<br>Oral Liquid, 50mg/5ml          |
| 4. Pyrazinamide  | Tablet, 400mg, 500mg, 750mg   |
| 5. Rifampicin  | Capsule, 150mg, 300mg, 600mg<br>Powder for injection, 300mg, 600mg in vial<br>Syrup, 20mg/5ml |
| 6. Rifampicin + Isoniazide                               | Capsule, 150mg +100mg<br>Tablet, 60mg +30mg, 150mg +100mg,<br>300mg +150mg, 150mg +75mg       |
| 7. Rifampicin +Isoniazide +<br>Pyrazinamide              | Tablet (Dispersible), 60mg +30mg +150mg<br>Tablet, 150mg +75mg +400mg                         |
| 8. Rifampicin +Isoniazide +<br>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<br>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

2. Abacavir Sulphate +Lamivudine	Tablet, 60mg +30mg
3. Abacavir Sulphate + Lamivudine +Zidovudine	Tablet, 60mg +30mg +60mg
4. Didanosine	Tablet 25mg, 150mg Chewable/dispersible, 100mg Capsule (delayed release), 250mg, 400mg
5. Efavirenz	Capsule, 50mg, 100mg, 200mg Tablet, 50mg, 200mg, 600mg
6. Efavirenz +Emitricitabine+ Tenofovir	Tablet, 600mg +200mg +300mg
7. Emtricitabine	Capsule, 200mg
8. Emitricitabine +Tenofovir	Tablet, 200mg +300mg
9. Lamivudine	Tablet, 150mg Oral solution, 10mg/ml
10. Lamivudine +Stavudine	Tablet, 150mg +30mg
11. Lamivudine + Zidovudine	Tablet, 150mg +300mg, 30mg + 60mg
12. Lamivudine +Zidovudine + Nevirapine	Tablet, 150mg +300mg +200mg; 30mg +60mg +50mg
13. Lamivudine +Nevirapine + Stavudine	Tablet, 150mg +200mg +30mg; 30mg +50mg +6mg; 60mg +100mg +12mg
14. Nevirapine	Tablet, 200mg Oral suspension, 50mg/5ml

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%
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### **AI.400 Antiprotozoals**

#### **AI.401 Antimalarials**

1. Artemether	Oral Suspension, 40mg/0.5ml, 80mg/ml Injection, 20mg/ml, 40mg/ml, 80mg/ml Suppository, 40mg
2. Artesunate	Tablet, 100mg, 200mg

	Injection, 60mg/vial
3. Artemether + Lumefantrine	Tablet, 20mg +120mg (Dipersable)
4. Chloroquine Phosphate	Tablet, 250mg, 500mg(equivalent to 150mg, 300mg base) Syrup, 50mg base/5ml Injection 50mg/ml (equivalent to 40mg/ml base)
5. Dihydroartemisinin	Tablet, 60mg
6. Dihydroartemisinin + Piperaquine Phosphate	Tablet, 40mg + 320mg
7. Mefloquine Hydrochloride	Tablet, 250mg
8. Primaquine Phosphate	Tablet, 7.5mg base, 15mg base
9. Quinine Dihydrochloride	Injection, 300mg/ml in 1ml ampoule Tablet, 300mg, 600mg
10. Proguanil Hydrochloride	Tablet, 100mg (scored)

#### **AI.402 Amoebicides**

1. Chloroquine Phosphate	Injection, 150mg base in 5ml ampoule Tablet, 150mg, base Syrup, 50mg base/5ml
2. Diloxanide Furoate	Tablet, 500mg
3. Metronidazole	Suspension (Oral), 125mg/5ml, 200mg/5ml, 250mg/5ml Syrup, 4% W/V, 250mg/5ml Capsule/Tablet, 250mg

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, 500m

### **AI.404 Antileshmania**

#### **Medicines**

1. Amphotricin B Liposomal Injection, 10mg/ml, 50mg/vail  
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

Tablet, 200mg, 400mg

2. Levamisole Tablet, 40mg

3. Mebendazole Oral Suspension, 100mg/5ml

Tablet, 100mg, 500mg

4. Niclosamide Tablet (chewable), 500mg

5. Piperazine Elixir(Citrate), 500mg, 622.5mg, 706mg,

750mg, 937.5mg, 1g /5ml

Tablet (Adipate), 300mg

6. Pyrantel Pamoate Oral Suspension, 250mg base/5ml

Tablet, 125mg base

7. Thiabendazole Oral Suspension, 500mg/5ml

Tablet, 500mg

## **ED.000 MEDICINES USED IN ENDOCRINE**

# DISORDERS AND CONTRACEPTIVES

## ED.100 Corticosteroidal Preparations

- |                   |   |
|-------------------|---|
| 1. Dexamethasone  | Tablet, 0.5mg, 0.75mg, 1mg, 2mg, 4mg  |
| 2. Hydrocortisone | Injection (Sodium Succinate), 50mg/ml in<br>2ml ampoule, 125 mg/ml<br>Powder for Injection, 25mg/ampoule,<br>500mg in vial<br>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<br>(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 (6tablet), 0.075mg +  
0.04mg (5tablet), 0.125mg +0.03mg (10tablet)
3. Norethindrone (Norethisterone) +  
Ehinylestradiol 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 2capsules; 75mg/capsule, pack of  
2capsules  
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 Tablet, (foaming), 60mg
4. Nonoxinol, Octoxinol Creams, Foams, Gels

\* 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. Mifepristone 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)
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### **BL.200 Hemostatic Agent**

1. Phytonadione (Vitamin K1)	Injection, 1mg/0.5ml, 10mg/ml in 1ml ampoule
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### **BL.300 Antianemic Agents**

1. Calcium Folate (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<br>(Dextran, Sorbitol) |
| 7. Iron Gluconate +Manganese-<br>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: |        |               |
|                          | <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

## 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 +  $Ca^{++}$  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 +  $Ca^{++}$  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<br>Injection, 50mg/ml in 2ml ampoule,<br>100mg/ml in 5ml ampoule, 200mg/ml<br>Tablet, 100mg, 500mg, 1g                |
| 2. Calciferol (Ergocalciferol /Vitamin D2) | Injection, 300,000units/ml in 2ml ampoule<br>Oral solution, 20,000units/ml, 400,000units/ml<br>Tablet (strong), 1.25mg (50,000 units) |
| 3. Cholecalciferol (Vitamin D3)            | Capsule, 250mcg<br>Injection (oily), 300,000 IU/ml  |
| 4. Cyanocobalamine (vitamin B12)           | Injection, 100mcg/ml, 1000mcg/ml in<br>1ml ampoule  |
| 5. Folic Acid                              | Injection, 5mg/ml in 1ml ampoule.<br>Tablet, 200mcg, 1mg, 5mg   |
| 6. Nicotinamide                            | Injection, 5mg/ml, 100mg/ml in 1ml ampoule<br>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
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**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. Dexchlorpheniramine 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%<br>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%<br>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 +    Eye drops, 5mg +15mg + 10,000U/ml  
Hydrocortisone Acetate +  
Polymyxin B sulphate

## **OP. 400 Anesthetics, Local**

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

## **OP. 500 Diagnostics and Miscellaneous Agents**

1. Artificial tear(Carboxylmethyl        Drops, Ointment  
Cellulose + Hydroxypropyl  
Methyl Cellulose

## ENT.000 EAR, NOSE AND THROAT PREPARATIONS

### ENT.100 Nasal and Oropharyngeal Preparations

1. Acyclovir	Cream, 5% 2gm
2. Amyl-Meta-Cresol + Dichlorobenzyl Alcohol	Lozenges, 0.6mg + 1.2mg
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 + Light Magnesium Carbonate	Inhalation, 2% +10% 7%

12. Miconazole	Oral Gel, 25mg/ml
13. Mometasone Furoate	Intranasal spray, 0.05%
14. Nystatin	Pastilles, 100.000 Units Suspension, 100,000Units/ml Oral gel, 1000,000 IU/gm, tube- 50gm Cream, 100,000 IU/gm, Tube- 50gm
15. Oxymetazoline Hydrochloride	Jelly
16. Povidone-Iodine	Solution, 1%
17. Pseudoephedrine Hydrochloride	Syrup, 30mg/ml
18. Pseudoephedrine +Loratadine	Tablet, 120mg +5mg
19. Saline Solution	Solution, 0.09%
20. Thymol + Methylsalsilate + Ethanol	Oral Solution, 0.639gm +0.6gm +27% Solution (Nose drop), 0.05%, 0.1%
21. Xylometazoline Hydrochloride	Spray, 0.025%, 0.05% Solution (Nose drops), 0.05%, 0.1%

### **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<br>Hydrocortisone Acetate +<br>Polymyxin B sulphate | Ear drop, 5mg +15mg+10.000U/ml |

## **DE.000 DERMATOLOGICAL AGENTS**

### **DE.100 Anti-Infectives,**

#### **Topical**

- |                                 |  |
|---------------------------------|--|
| 1. Acyclovir                    | Ointment, 5%<br>Cream, 2gm 5%                                  |
| 2. Benzoic Acid +Salicylic Acid | Ointment, 6% +3%, 12% +6%                                      |
| 3. Benzyl Benzoate              | Lotion, 25%  |
| 4. Clotrimazole                 | Cream, 1%<br>Solution, 1%<br>Topical Powder, 1%<br>Ointment,1% |
| 5. Gamabenzene Hexachloride     | Cream, 1%  |
| 6. Gentamycin                   | Cream, 0.1%<br>Ointment, 0.3%                                  |
| 7. Gentian Violet               | Solution, 0.5%, 1%   |

8. Isoconazole	Cream, 1%, 2%
9. Ketoconazole	Cream, 2% Lotion, 2% Shampoo, 2% Ointment, 2%
10. Malathion	Shampoo, 1%
11. Metronidazole	Cream, 0.75%, 1% Gel, 1% Lotion, 1%
12. Miconazole Nitrate	Cream, 2% Lotion, 2% Tincture, 2%
13. Nitrofurazone gauze	
14. Nystatin	Cream, 100,000IU/g Ointment, 100,000IU/g Powder, 100,000IU/g
15. Permethrine	Lotion 1%, 5%
16. Salicylic Acid	Ointment, 2%, 5%, 10%
17. Selenium Sulphide	Suspension, 2.5%

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 NaPO <sub>4</sub>	Cream, 0.1%
2. Fluocortolone Pivalate + Lidocaine Hydrochloride	Cream, 1mg +20mg/1gm Suppository, 1mg +40mg/unit
3. Hydrocortisone Acetate	Cream, Ointment, 1%
4. Methyl Prednisolone 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%<br>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 +<br>Polidocanol | Tincture, 2gm+0.5gm+0.2gm/10gm                |
| 10. Silver Nitrate +Potassium<br>Nitrate         | Ointment, 95% +5%                             |

## **DE. 500 Medicines for Psoriasis and Eczema**

- |                     |                              |
|---------------------|------------------------------|
| 1. Ichthammol       | Ointment, 10%, 20%           |
| 2. Zinc Oxide       | Lotion, 15%<br>Ointment, 15% |
| 3. Zinc Oxide +Talc | Paste, 15% +25%              |

## **DE. 600 Antipruritics**

- |                          |                                |
|--------------------------|--------------------------------|
| 1. Calamine              | Lotion, 5%                     |
| 2. Calamine + Zinc Oxide | Cream, 4%+3%<br>Lotion, 15%+5% |
| 3. Crothamiton           | Cream, 10%<br>Lotion, 10%      |

## **DE.700 Skin Disinfecting Agents**

- |   |  |
|---|--|
| 1. Chlorhexidine Gluconate +<br>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,<br>250mg, 300mg |
| 6. Povidone Iodine                        | Solution, 4%, 7.5%, 10%                                    |

## **DE.800 Dermatologicals, Others**

- |  |                    |
|--|--------------------|
| 1. Aminacrine(Aminoacridine) +<br>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

fragments

- |                                   |  |
|-----------------------------------|--|
| 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,<br>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<br>Tablet, 500mg                                   |
| 18. Protamine Sulphate            | Injection, 10mg/ml in 5ml ampoule;<br>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, 000organisms/ml in 0.05ml & 0.1ml

3. Botulism Antitoxin Polyvalent  
Types A, B and E

4. Diphtheria Antitoxin                      Injection, 2000units/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

Recombinant yeast DNA

11. Human Antirabies Immunoglobulin	Injection, 150IU/ml in 2ml
12. Influenza Virus Vaccine Polyvalent	Injection, 0.5ml
13. Measles Virus Vaccine Live attenuated	Injection, 0.5ml
14. Meningococcal Polysaccharide Vaccine	Injection, 0.5ml
15. Pentavalent(Diphtheria, Pertusis, Tetanus, Hepatitis B, Haemophilus InfluenzaeB) Vaccine	Injection, 0.5 ml
16. Pneumococcal Polysaccharide Vaccine	Injection, 0.5ml
17. Poliomyelitis Vaccine Trivalent Type I, II, and III	Oral, 0.5ml, 10ml and 20ml
18. Rabies Antiserum, Equine	Injection, 200units in 5ml
19. Rabies Vaccine	Injection, 100ml in vial
20. Rabies Vaccine Duck Embryo	Injection, 100ml in vial
21. Rabies (Human Diploid Cell) Vaccine	Injection, 2.5IU/ml

22. Rota Virus Vaccine Monovalent (P1 [8], G1]), Bivalent, Pentavalent (G1, 2, 3, 4, 5 and P1 [8])	Oral solution, 2ml
23. Scorpion Venon Antisera (Scorpion Antivenom)	Injection, 0.5ml
24. Snake Venoum Antiserum Polyvalent	Injection, 10ml
25. Tetanus Antitoxin, Equine	Injection, 1500Units, 3000Units, 20000Units
26. Tetanus Immune Human Globulin	Injection, 3000Units
27. Tetanus Toxoid	Injection, 0.5ml, 1ml

## **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 (ACD Solution) Sodium Citrate + Citric Acid + Dextrose	Solution, 1.32gm +0.44gm +1.47gm
3. Calcium Hypochlorite + Iron Sulphate + Bentonite+Potassium	Water treatment Powder

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 Pharmaciutical, 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

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12. Bereket Bekele, Kenema PharmacyNo. 4, Pharmacist
13. BerhanuTekle, MAPPP-E, Physician.
14. Bilal Tessema, University of Gonder, SOP, Pharmacist.
15. Biruk Teklu, Dire Dawa H.B, Health Officer
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36. Mulunesh Diriba, O. H.B, Druggist
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38. Nega Gete, Fasil D/Store, Druggist.
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44. TeklayWeldemariam, 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
49. Gari Gerba, Kirkos, Rural Drug Vendor.
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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