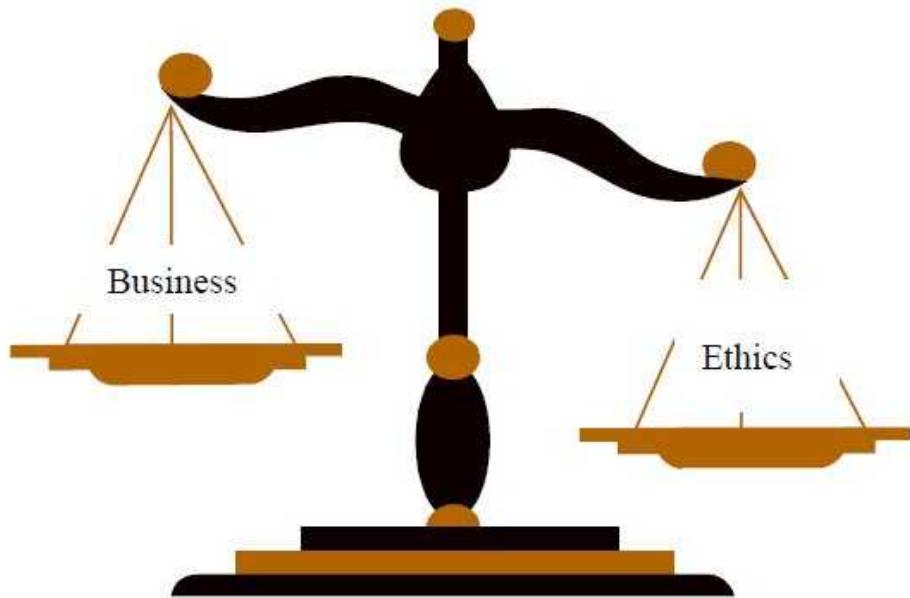


# **LIST OF MEDICINES FOR DRUG SHOP**

**(LMDS)**

**FOURTH EDITION**



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

**ADDIS ABABA  
November 2012**

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## **AKNOWLEDGEMENT**

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 Drug Shop. 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. Last but not least, the Authority would also like to thank Management Sciences for Health/Strengthening Pharmaceutical Systems (MSH/SPS) for its technical support in revising this list.

## **FORWARD**

Pharmacotherapy has always been an integral part of healthcare 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 Drug Shop is hereby revised for the fourth time in light of the above principle and the latest developments in fields of medicine and pharmacy and considering the availability of pharmacy professionals. The presentation of the list alone does not solve country's problem in distribution, dispensing and use of drugs unless all the concerned bodies commit themselves to its full implementation. Therefore, all concerned professionals and organization are requested for distribution and dispensing of all drugs included in this list at the level of Drug Shop and hence, users of this medicines list are advised to refer to the list whenever they provide the services in different Drug Shops.

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 Drug Shop will serve as useful guides for the procurement and distribution as well as to increase availability of medicine in the Drug Shop.

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, Medicine and Healthcare Administration and Control Authority of Ethiopia.

Yehulu Denekew Alemneh, Director General,  
Ethiopian Food, Medicines & Healthcare Administration & Control Authority  
(EFMHACA)

## **INTRODUCTION**

It is by far known that medicines are integral components of a healthcare system. Although there are immense active pharmaceutical entities in the global market, limiting medicines that shall be used within a given health institution in accordance with the availability of professionals 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, sufficient experience with the medicines and other factors. Pharmacotherapeutic classification of medicines was utilized to categorize medicines for the Drug Shop.

The fourth edition of the List of Medicines for Drug Shop is now revised in light of the latest development in the fields of medicine and pharmacy. Besides to this the Authority included some of medicine which was requested to be included in the third edition. As customary, the purpose of the fourth edition of List of Medicine for Drug Shop is to provide up-to-date list of medicine for the Drug Shop, to improve procurement, to increase availability and to promote proper use of Medicines.

The draft of the revised edition was first prepared by the Authority using a technical working group composed of different health professionals and then enriched through national consultative workshops. Participants involved in the workshops were specialists, health professionals from various disciplines, 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 Drug Shop was finalized by the Authority.

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. Since the process of revising Drug Shop list of Medicines is a continuous process which takes into accounts change priorities for public health actions, epidemiological conditions as well as progress in pharmacological and pharmaceutical findings, this list will be subjected to continuous revision. Consequently, all users of this list are strongly invited to send their comments and suggestions to the Food, Medicine and Healthcare Administration and Control Authority of Ethiopia, P.O. Box 5681, Tel: 251-11 552 41 22, Email: [regulatory@fmhaca.gov.et](mailto:regulatory@fmhaca.gov.et), web site: [www.fmhaca.gov.et](http://www.fmhaca.gov.et) Addis Ababa, Ethiopia.

# **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. Magnesiumm 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. Famotidine	Tablet, 20mg, 40mg
3. Nizatidine	Capsule, 150mg, 300mg Injection, 25mg/ml
4. Omeprazole	Capsules(enclosing e/c granules) 20mg Tablet,20mg(enteric coated)
5. Ranitidine	Injection, 10mg/ml in 5ml ampoule; 25mg/ml in 10ml ampoule Tablet, 150mg, 300mg
6. Sucralfate	Tablet, 1g (Scored)

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

1. Atropine Sulphate	Injection, 1mg/ml in 1 ml ampoule
2. Chlordiazepoxide + Clidinium Bromide	Tablet, 5mg + 2.5mg
3. Drotaverine	Tablet, 40mg Injection, 40mg/2ml ampoule
4. Hyoscine (Scopolamine) Butylbromide	Drops, 5mg/5ml Injection, 20mg/ml Tablet, 10mg Suppository, 7.5mg, 10mg
5. Hyoscine (Scopolamine) Hydrobromide	Injection, 0.4mg/ml, 0.6mg/ml in 1ml ampoule Tablet, 0.6mg
6. Propantheline Bromide	Tablet, 15 mg, 30 mg

## **GI.400 Antiemetics**

1. Chlorpromazine Hydrochloride	Drops, 25mg/ml Injection, 25mg/ml, 25mg/2ml, 50mg/2ml in 1ml, and 2ml ampoule Syrup, 25mg/5ml
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2. Dimenhydrinate	Tablet, 25mg, 100mg (film/sugar coated) 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)
6. Thiethylperazine Maleate	Injection, 6.5mg/ml Suppository, 6.5 mg Tablet, 6.5 mg (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. Dioctyl Sodium Sulphosuccinate (Docusate Sodium)	Syrup, 4mg/ml Tablet, 50mg, 100mg
5. Glycerin	Suppository, 1g, 1.36g, 2g, 2.76g
6. Lactulose	Enema, (300ml Lactulose +700ml Water) Syrup, 3.5mg/5ml
7. Liquid Paraffin	Liquid
8. Magnesium Sulphate	Oral powder in Sachet
9. Methyl Cellulose	Tablet, 500 mg
10. Psyllium	Powder
11. 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  
Capsule, 95 mg, 125 mg

## GI.800 Antihaemorrhoidal Agents

1. Bismuth Subgallate Compound\*

(Bismuth Subgallage + 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

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

## **CV.000 CARDIOVASCULAR MEDICINES**

### **CV.100 Medicines used for Congestive Cardiac Failure**

1. Captopril	Tablet, 12.5mg, 25mg, 50mg, 100mg
2. Enalapril Maleate	Tablet, 2.5mg, 5mg, 10mg, 20mg, 40mg
3. Enalapril Maleate + Hydrochlorothiazide	Tablet, 10mg +25mg
4. Hydralazine	Tablet, 10mg, 25mg, 50mg, 100mg Powder for Injection, 20mg/ml in 1ml ampoule
5. Hydralazine +Isosorbide	Tablet, 37.5mg + 20mg
6. Lisinopril	Tablet, 2.5 mg, 5mg, 10mg, 20mg

### **CV.200 Antihypertensives**

1. Atenolol	Tablet, 50mg, 100mg
2. Amlodipine	Tablet, 2.5 mg, 5 mg, 10mg
3. Captopril	Tablet, 12.5mg, 25mg, 50mg, 100mg
4. Captopril+Hydrochlorthiazide	Tablet, 50mg+25mg
5. Enalapril Maleate	Tablet, 2.5mg, 5mg, 10mg, 20mg, 40mg
6. Enalapril Maleate+ Hydrochlorothiazide	Tablet, 10mg + 25mg
7. Felodipine	Tablet, 5mg, 10mg
8. Hydralazine	Injection, 20mg/ml in 1ml ampoule
9. Hydrochlorothiazide	Tablet, 25mg, 50 mg Tablet, 25mg
10. Lisinopril	Tablet, 2.5 mg, 5mg, 10mg, 20mg
11. Methyldopa	Tablet, 250mg, 500mg
12. Nicardipine	Injection, 0.1mg/ml

13. Nifedipine	Capsule, 5mg, 10mg, 20mg, 30mg (m/r) Tablet, 10mg , 20mg, 30mg, 40mg, 60mg, 90mg (m/r)
14. Prazosin Hydrochloride	Tablet, 1mg, 2mg, 5mg
15. Propranolol	Injection, 1mg/ml in 1 ml ampoule Tablet, 10mg, 40mg
16. Sodium Nitroprusside	Powder for injection, 50mg in ampoule

#### **CV.400 Diuretics**

1. Frusemide	Elixir, 10mg/ml Injection, 10mg/ml in 2ml ampoule Tablet, 40mg, 80mg Tablet, 25mg
2. Hydrochlorothiazide	
3. Mannitol	Injection, 25% in 50ml, 20% in 250ml, 10% in 500ml
4. Spironolactone	Tablet, 25mg, 100mg Syrup, 5mg, 10mg, 25mg, 50mg, 100mg/5ml

#### **CV.500 Medicines Used in Vascular Shock**

1. Adrenaline (Epinephrine)	Injection, 0.1%, 1:1000 1mg/ml
2. Dobutamine	Powder for Injection, 250mg
3. Dopamine Hydrochloride	Injection, 40mg/ml
4. 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 Tablet, 2mg, 4mg, 6mg
6. Dexchlorpheniramine + Guaifenesin + Pseudoephedrine	Syrup, 2mg + 100mg + 20mg/5ml
7. Dextromethorphan- Hydrobromide	Drops, 15mg/ml Syrup, 5mg, 7.5mg, 15mg/5ml Tablet, 15mg
8. Dextromethorphan- Hydrobromid Guaicol Sulphonate	Syrup, 0.3gm +7.6gm/100ml
9. Diphenhydramine+ Sodium Citrate+ Ammonium Chloride	Syrup, 12.5mg +60mg +130mg/5ml
10. Guaifenesin	Capsule, 200mg Syrup, 100mg/5ml Tablet, 100mg, 200mg
11. Pholcodine	Syrup, 0.06%, 0.12%

### **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 Tablet, 100mg, 200mg Tablet (m/r), 100 mg, 225mg, 350mg
3. Beclomethasone Dipropionate	Oral Inhalation (aerosol), 50mcg/dose, 100mcg/dose, 200mcg/dose
4. Budesonide +Formoterol- Fumarate	Aerosol, 80mcg +4.5mcg/dose, 160mcg +4.5mcg/dose
5. Ephedrine Sulphate	Injection, 50mg/ml
6. Ephedrine + Theophylline	Elixir, 6mg + 30mg in each 5ml Syrup, 2.24% + 0.30% Tablet, 11mg + 120mg
7. Ipratropium Bromide	Aerosol Solution, 20 mcg/metered inhalation; 400 mcg/ metered inhalation

8. Isoprenaline Sulphate	Tablet (sublingual), 5mg, 10mg Injection, 2.5mg/2ml
9. Salbutamol (Albuterol)	Oral Inhalation (aerosol), 0.1mg/dose Nebulizer Solution, 2.5mg/2.5ml Syrup, 2mg/5ml Tablet, 2mg, 4mg, 4mg(s/r)
10. Salbutamol + Bromhexine+ Guaifenesin + Menthol	Syrup, 2mg + 4mg + 100mg + 1mg
11. Sodium Cromoglycate	Capsules with inhaler, 20mg
12. Theophylline (Anhydrous Theophylline)	Elixir, 33mg in each 15ml Tablet, 100mg,200mg(s/r)
13. 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 Combination**

1. Acetylsalicylic Acid	Tablet, 75mg, 100mg, (Soluble); 300mg, 324mg, (micro fined); 75mg, 81mg, 100mg, 500mg (enteric coated)
2. Celecoxib	Capsule, 100mg, 200mg
3. 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
4. Diclofenac sodium+Misoprostol	Tablet, 75mg+200mcg
5. Ibuprofen	Capsule, 300mg Syrup, 100mg/5ml Tablet, 200mg, 400mg(enteric coated, optional)

6. Paracetamol	Drops, 100mg/ml Suppository, 125mg, 250mg Syrup, 120mg/5ml, 250mg/5ml Tablet, 100mg, 500mg Injection, 1gm in 100ml
7. Paracetamol + Pseudoephedrine Hydrochloride+ Chlorpheniramine	Tablet, 325mg + 15mg +1mg
8. Tramadol Hydrochloride	Injection, 50mg/ml Oral drops, 100mg/ml Nasal spray, 20 mg/0.1 ml Tablet/capsule, 50 mg, 75mg, 100mg, 150mg, 200mg, 300mg

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

1. Acetylsalicylic Acid+ Paracetamol+ Caffeine	Tablet, 250mg + 250mg + 65mg
2. Ergotamine Tartrate	Injection, 0.25mg/ml in 1ml ampoule Tablet, 1mg, 2mg (sublingual)
3. Ergotamine Tartrate+ Caffeine <sup>β</sup>	Tablet 1mg + 100mg Suppository, 2mg + 100mg
4. Ergotamine Tartrate + Caffeine Hydrate + Cyclizine Hydrochloride <sup>β</sup>	Tablet, 2mg+50mg+100mg
5. Propranolol	Tablet, 10mg, 20mg, 40mg, 60mg, 80mg

### **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. Chloral Hydrate	Capsule, 500mg Suppository, 60mg Syrup, 250mg/5ml, 500mg/5ml, 1g/5ml

<sup>β</sup> And any other combination ratio proven to be therapeutically effective can be used

4. Flurazepam Hydrochloride Capsule, 15 mg, 30mg

5. Promethazine Tablet, 25mg

### **NS.400 Antidepressants**

1. Amitriptyline Tablet, 10mg, 25mg, 50mg

2. Amitriptyline +Chlordiazepoxide Capsule, 12.5mg +5mg; 25mg +10mg

3. Clomipramine Hydrochloride Capsule, 10mg,25mg, 50mg

4. Fluoxetine Capsule, 20mg

5. Imipramine Tablet, 10mg, 25mg

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

6. Magnesium Sulphate Injection, 50%in 20ml

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

## **NS. 600 Antipsychotic Medicines**

1. Buspirone	Tablet, 5mg, 10mg
2. 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
3. Clozapine	Tablet, 25mg, 50mg, 100mg
4. Fluphenazine Decanoate	Injection (Depot. Oily), 25mg/ml in 1ml and 2ml ampoules and in 10ml vial
5. Fluphenazine Hydrochloride	Tablet, 1mg
6. Haloperidol	Injection, 5mg/ml in 1ml ampoule Oral liquid, 2mg/ml Tablet, 1 mg, 2mg, 5mg
7. Haloperidol Decanoate	Injection (Depot. Oily), 50mg/ml, 100mg/ml in 1ml ampoule
8. Olanzapine	Tablet, 5mg
9. Thioridazine Hydrochloride	Tablet, 10mg, 25mg, 100mg

## **NS. 700 Antiparkinson Agent**

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

## **AA.000 MEDICINES USED IN ANAESTHESIA**

### **AA.100 Local Anesthetics**

1. Bupivacaine	Injection, 0.2%, 0.5%
2. Tetracain Hydrochloride	Injection, 0.5%, 2%, 4% in ml vial
3. Ethyl Chloride	Spray, 50ml

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

## **MS.000 MEDICINES USED IN MUSCULOSKELETAL AND JOINT DISEASES**

### **MS.100 Antirheumatics**

1. Acemetacin	Capsule, 30mg, 60mg, 90mg, (D/R)
2. Acetylsalicylic Acid	Tablet, 75mg, 100mg (soluble), 300mg, 324mg (microfined), 500mg (enteric coated)
3. Acetylsalicylic Acid +Caffeine + Paracetamol	Tablet, 250mg +65mg +250mg
4. Diclofenac Diethylamine	Gel, 1%, 30gm
5. 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%
6. Diclofenac sodium+Misoprostol	Tablet, 50mg+200mcg
7. Sulphasalazine	Tablet(e/c), 500mg
8. Etofenamat	Gel, 5%, 10% Cream, 10% Lotion, 10% Spray, 100mg/ml (18mg/dose)
9. Ibuprofen	Capsule, 300mg Tablet, 200mg, 400mg (enteric coated, optional) Syrup, 100mg/5ml

10. Indomethacin	Syrup, 25mg/5ml, 100mg/5ml Capsule, 25mg, 50mg, 75mg Suppository, 100mg Tablet, 25mg (enteric coated, optional) Tablet, 7.5mg, 15mg
11. Meloxicam	
12. Naproxen	Tablet, 200mg, 220mg, 250mg, 375mg, 500mg Suspension, 125mg/5ml
13. Nimesulide	Tablet, 100mg, 200mg
14. Piroxicam	Capsule, 10mg, 20mg Suppository, 20mg Tablet, 10mg, 20mg
15. Tenoxicam	Suppository, 20mg Tablet, 20mg

### **MS.200 Medicines Used for Gout**

1. Allopurinol	Tablet, 100mg
2. Colchicine	Injection, 0.5mg/ml Tablet, 0.5mg
3. Ibuprofen	Tablet, 200mg, 400mg (enteric coated, optional)
4. Indomethacin	Capsule, 25mg Suppository, 100mg
5. Probenecid	Tablet, 500mg

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

1. Baclofen	Tablet, 5mg, 10mg
2. Dantrolene Sodium	Tablet, 25mg, 50mg
3. Diazepam	Injection, 10mg/ml in 2ml ampoule Syrup, 2mg/5ml Tablet, 2mg, 5mg, 10mg
4. Orphenadrine Citrate	Drop, 2.5mg/ml Injection, 30mg/ml Tablet, 100mg
5. Orphenadrine Citrate + Paracetamol	Tablet, 35mg + 450mg

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

### **AI. 100 Antibacterials**

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

- |  |   |
|--|---|
| 1. Amoxicillin                         | Capsule, 250mg, 500mg<br>Injection, 250mg, 500mg in vial<br>Syrup, 125mg/5ml, 250mg/5ml<br>Tablet, 500mg  |
| 2. Amoxicillin + Clavulanic Acid       | Oral suspension, 125mg/5ml<br>+31.25mg/5ml,<br>200mg/5ml +28.5mg/5ml, 250mg +<br>62.5mg/5ml,<br>400mg +57mg/5ml, 228mg/5ml +<br>457mg/ml<br>Tablet (chewable), 125mg + 31.25mg,<br>250mg+62.5mg, (film coated), 250mg<br>+125mg<br>Capsule, 500mg +125mg, 875mg<br>+125mg<br>Injection, 500mg +100mg, 1g +200mg |
| 3. Ampicillin                          | Drop, 100mg/ml<br>Capsule, 250mg, 500mg<br>Injection, (Sodium), 250mg, 500mg, 1gm<br>Oral Suspension, 125mg/5ml,<br>250mg/5ml   |
| 4. Ampicillin Sodium+ Sulbactam Sodium | Injection, 1g +500mg, 2g +1gm   |
| 5. Carbenicillin                       | Injection, 1g, 5g in vial<br>Tablet (Indanyl sodium), 382mg   |
| 6. Cloxacillin Sodium                  | Capsule, 250mg, 500mg<br>Injection, 250mg, 500mg in vial<br>Syrup, 125mg, 250mg in each 5ml   |
| 7. Flucloxacillin                      | Capsule, 250mg, 500mg<br>Injection, 250mg, 500mg in vial<br>Syrup, 125 mg/5ml   |
| 8. Penicillin G, Benzathine            | Injection, 0.6, 1.2, 2.4 million IU in vial   |
| 9. Penicillin G, Sodium Crystalline    | Injection, 1M.I.U, 10M.I.U, 20M.I.U in<br>vial  |
| 10. Phenoxymethyl Penicillin           | Oral Suspension, 125mg/5ml, 50,000<br>IU/ml   |

		Tablet, 125mg, 250mg, 500,000IU *250mg = 400,000IU
11. Phenoxymethyl Penicillin, Potassium		Suspension, 195mg/5ml Tablet, 390mg
12. Procaine Pencillin, Fortified		Injection (Buffered), 4,000,000 IU
13. Sultamicillin (Ampicillin Subactam Double Ester)		Tablet, 375mg, 750mg
<b>AI.102 Other Antibacterials</b>		
1. Ceftriaxone		Injection, 0.25g, 0.5g, 1g, 2g in vial
2. Cephalexin		Capsule, 250mg, 500mg Syurpe 125mg/5ml
3. Chloramphenicol		Capsule, 250mg Injection (sodium succinate), 1g in vial Oral suspension, 125 mg/5ml Oily suspension for injection, 0.5gm (as sodium succinate)/ml in 2 ml ampoule
4. Ciprofloxacin		Capsule, 500mg, 1000mg Intravenous Infusion (as lactate) 2mg/ml in 50ml and 100ml bottle Tablet (as hydrochloride), 250mg, 500mg, 1000mg
5. Doxycycline		Capsule, 100mg Tablet, 100mg
6. Erythromycin		Capsule, 250mg Injection, 50mg/ml in 2ml ampoule 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		Intravenous Infusion, 5mg/ml in 100ml Tablet/Capsule, 250mg Cream, 0.75%, 1% Gel/Lotion, 1%
9. Nalidixic Acid		Tablet, 500 mg Oral suspension, 300 mg/vial

10. Nitrofurantoin	Capsule (macrocrystals), 50mg, 100mg Oral Suspension, 0.5% W/V Tablet, 50mg, 100mg
11. Norfloxacin	Tablet, 400mg
12. Spectinomycin	Injection, 2g in vial
13. Sulphamethoxazole + Trimethoprim	Injection, 400mg + 80 mg /5 ml Mixture, 200mg + 40mg in 5ml Tablet (Pediatric), 100mg + 20mg (Dispersible) Tablet (Adult), 400mg +800mg, 800 mg +160mg
14. Tetracycline Hydrochloride	Capsule, 250mg, 500mg Injection, 100mg, 250mg, 500mg Tablet, 250mg, 500mg (coated)
15. Thiamphenicol	Capsule, 250mg Tablet, 250mg

### **AI.200 Antifungals**

1. Amphotericin B	Powder for Injection, 10mg, 50mg in vial 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 Intravenous Infusion, 10mg/ml
7. Nystatin	Tablet, 500,000 IU Oral suspension, 100,000 units/ml
8. Terbinafine HCl	Tablet, 150mg and 250mg

## **AI.300 ANTIVIRALS**

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

## **I.400 Antiprotozoals**

### **AI.401 Antimalarials**

1. Alpha,Beta Arteether  
Injection, 150mg/2ml
2. Artemether  
Oral Suspension, 40mg/0.5ml, 80mg/ml  
Injection, 20mg/ml, 40mg/ml, 80mg/ml  
Suppository, 40mg
3. Artemether +Lumefantrine  
Tablet, 20mg +120mg (Dispersable)
4. Artesunate  
Tablet, 100mg, 200mg  
Injection, 60mg/vial
5. Chloroquine Phosphate  
Tablet, 250mg, 500mg(equivalent to  
150mg, 300mg base)  
Syrup, 50mg base/5ml  
Injection, 50mg/ml (equivalent to  
40mg/ml base)
6. Dihydroartemisinin  
Tablet, 60mg
7. Dihydroartemisinin + Piperaquine  
Phosphate  
Tablet, 40mg + 320mg
8. Mefloquine Hydrochloride  
Tablet, 250mg
9. Primaquine Phosphate  
Tablet, 7.5mg base, 15mg base
10. Quinine Dihydrochloride  
Injection, 300mg/ml in 1ml ampoule  
Tablet, 300mg, 600mg
11. Proguanil Hydrochloride  
Tablet, 100mg (scored)
12. Sulfadoxine +Pyrimethamine\*  
Injection, 500mg +25mg in 2.5ml  
ampoule  
Tablet, 500mg + 25mg

\* Reserved for non resistant areas.

## **AI.402 Amoebicides**

1. Chloroquine Phosphate	Injection, 150mg base in 5ml ampoule Syrup, 50mg base/5ml Tablet, 150mg base
2. Diloxanide Furoate	Tablet, 500mg
3. Metronidazole	Intravenous Infusion, 5mg/ml in 100ml Suspension (Oral), 125mg/5ml, 200mg/5ml, 250mg/5ml Syrup, 4% W/V, 250mg/5ml Capsule/Tablet, 250mg
4. Ornidazole	Tablet, 500mg
5. 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. Ornidazole	Tablet, 500mg
3. Tinidazole	Tablet, 250mg, 500m

## **AI.404 Antileshmania Medicines**

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

## **AI.406 Medicines forToxoplasmosis**

1. Primaquine Phosphate	Tablet, 15mg
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2. Pyrimethamine	Tablet, 25mg
3. Sulphadiazine	Tablet, 500mg
4. Sulfadoxine+Pyrimethamine	Injection, 500mg+25mg in 2.5ml ampoule Tablet, 500mg +25mg

## **AI.500 Anthelmintics**

### **AI.501 Filaricides**

1. Diethylcarbamazine Citrate	Tablet, 50mg
2. Ivermectin	Tablet, 3mg, 6mg (scored)
3. Primaquine	Tablet, 15mg
4. Suramin Sodium	Powder for Injection, 1g

### **AI.502 Schistosomicides**

1. Metrifonate	Tablet, 100mg
2. Oxamniquine	Capsule, 250mg Suspension, 250mg/5ml
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           | Injection, 4mg/ml, 25mg/ml, 50mg/ml<br>Tablet, 0.5mg, 0.75mg, 1mg, 2mg, 4mg  |
| 2. Fluticasone Furoate     | Nasal Spray, 27.5mcg   |
| 3. Hydrocortisone          | Injection (Sodium Succinate), 50mg/ml<br>in<br>2ml ampoule, 125 mg/ml<br>Powder for Injection, 25mg/ampoule,<br>500mg in vial<br>Tablet (Acetate), 5mg, 10mg |
| 4. Prednisolone            | Injection (Sodium Phosphate), 10mg/ml,<br>25mg/ml in 2ml ampoule<br>Tablet, 1mg, 3.5mg, 5mg, 10mg  |
| 5. Triamcinolone Acetonide | Injection, 10mg/ml, 40mg/ml in vial<br>Tablet, 4mg   |

### **ED.200 Insulin and Oral Antidiabetic Agents**

- |   |   |
|---|---|
| 1. Acarbose   | Tablet, 50mg, 100mg                         |
| 2. Chlorpropamide   | Tablet, 100mg, 250mg                        |
| 3. Glibenclamide  | Tablet, 5mg                                 |
| 4. Gliclazide   | Tablet, 30mg, 40mg, 80mg(Sustained release) |
| 5. Insulin Soluble/Neutral ( <b>HPB</b> )*                    | Injection, 100u/ml                          |
| 6. Insulin Zinc Suspension<br>(Insulin Lente) ( <b>HPB</b> )* | Injection, 100U/ml                          |
| 7. Isophane/NPH Insulin ( <b>HPB</b> )*                       | Injection, 100u/ml                          |
| 8. Metformin  | Tablet, 500mg, 850mg                        |
| 9. Tolbutamide  | Tablet, 500mg                               |

\* HPB stands for Human, porcine, and Bovine while BP stands for Bovine and porcine

## **ED.300 Contraceptives**

### **ED.301 Combined Oral Contraceptives**

- |  |   |
|--|---|
| 1. Drospirenone +Ethinyl Estradiol   | Tablet (Film Coated), 3mg +0.03mg   |
| 2. Levonorgestrel D-Norgestrel)+<br>Ethinylestradiol with/without<br>Iron* | Tablet, 0.15mg + 0.03mg; 0.25mg +<br>0.05mg,0.5mg + 0.05mg, 0.3mg +<br>0.03mg, 0.05mg +0.03mg (6tablet),<br>0.075mg + 0.04mg (5tablet), 0.125mg<br>+0.03mg (10tablet) |
| 3. Norethindrone (Norethisterone) +<br>Ethinylestradiol                    | Tablet, 0.5mg + 0.035mg   |
| 4. Norethindrone (Norethisterone) +<br>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),<br>108mg/capsule<br>Pack of 2capsules; 75mg/capsule, pack of<br>2capsules<br>Tablet, 0.03mg, 0.75mg |
| 4. Lynestrenol                              | Tablet, 0.5 mg   |
| 5. Medroxyprogesterone Acetate              | Injection (aqueous suspension),<br>150mg/ml in 1 ml vial   |
| 6. Norethindrone (Norethisterone)           | Tablet, 0.35mg   |
| 7. Norethindrone Enanthate (Norethisterone) | Injection (Oily), 200mg/ml ampoule   |

### **ED.303 Contraceptive Devices, and Barriers**

- |                           |                         |
|---------------------------|-------------------------|
| 1. Condoms (Male, Female) |                         |
| 2. Menfegol               | Tablet, (foaming), 60mg |
| 3. Nonoxinol, Octoxino    | 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	Intravenous infusion, 5 mg/ml in 100ml Syrup, 4% W/V, 250mg/5ml Tablet, 250mg Tablet (vaginal), 500mg
7. Metronidazole +Miconazole	Vaginal pessary, 750mg +200mg
8. Miconazole Nitrate	Tablet (vaginal), 200mg, 400mg Cream (Vaginal), 2%
9. Nystatin	Cream (vaginal), 100,000 IU Pessary (ovules), 100,000 IU
10. Oxytocin	Injection, 1unit/ml, 5unit/ml 10unit/ml
11. Oxytocin + Ergometerine-Maleate	Injection, 5Units +500mcg/ml
12. Salbutamol	Injection, 0.5mg/ml in 1ml ampoule
13. Tetracycline + Amphotericin	Tablet (Vaginal), 100mg + 50mg

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

### **BL.100 Hemostatic Agents**

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

### **BL.200 Antiplatelet**

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

## **BL.300 Antianemic Agents**

- |  |  |
|--|--|
| 1. Calcium Folinate (Lecovorin calcium)                  | Injection, 3mg/ml, 7.5mg/ml, 10mg/ml                                     |
| 2. Cyanocobalamin (vitamin B12)                          | Injection, 100mcg/ml, 1000mcg/ml in 1ml ampoule                          |
| 3. Ferrous Salt $\infty$                                 | Capsule, Drop, Tablet (enteric coated)                                   |
| 4. Ferrous Salt $\infty$ + Folic Acid Iron Complex       | Capsule, Tablet<br>Injection, 50mg/ml in 2ml ampoule (Dextran, Sorbitol) |
| 5. Folinic Acid  | Tablet, 15 mg  |
| 6. Iron Gluconate +Manganese-Gluconate +Copper Gluconate | Oral solution, 5mg+1.33mg+0.77mg   |

## **BL400 Blood Substitutes and Plasma Expanders**

- |   |   |
|---|---|
| 1. Dextran (MW 40,000)  | Solution, 10% w/v in 5% Dextrose                              |
| 2. Dextran (MW 70,000)  | Solution, 6% w/v in 5% Dextrose                               |
| 3. Polygeline + $\text{Na}^+$ + $\text{K}^+$ + $\text{Ca}^{++}$ + $\text{Cl}^-$ | Solution, 35g + 145mmol + 5.1mmol + 6.25mmol + 145mmol/1000ml |

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

### **WE.100 Oral**

- |  |                                      |
|--|--------------------------------------|
| 1. Calcium                                       | Tablet (ionizable), 500mg, 1g (eff.) |
| 2. CalciumGlubionate + Calcium Galacto-Gluconate | Syrup, 28.75g + 5.9g/100ml           |

$\infty$ Any ferrous salt containing elemental form of accepted therapeutic value

3. Calcium Gluconate	Syrup, 4g/15ml Tablet, 500mg																					
4. Calcium Lactate	Tablet, 300mg																					
5. Oral Rehydration Salt	Powder, each sachet for 1 litre contains: <table border="0"><thead><tr><th></th><th style="text-align: center;">Gram/Liter</th><th style="text-align: center;">mmol/L</th></tr></thead><tbody><tr><td>Sodium</td><td style="text-align: center;">2.6</td><td style="text-align: center;">75</td></tr><tr><td>Glucose Anhydrase</td><td style="text-align: center;">13.5</td><td style="text-align: center;">65</td></tr><tr><td>Potassium Chloride</td><td style="text-align: center;">1.5</td><td style="text-align: center;">75</td></tr><tr><td>Trisodium Citrate Dehydrate</td><td style="text-align: center;">2.9</td><td style="text-align: center;">20</td></tr><tr><td></td><td></td><td style="text-align: center;">Citrate 10</td></tr><tr><td></td><td></td><td style="text-align: center;">Total Osmolarity = 24</td></tr></tbody></table>		Gram/Liter	mmol/L	Sodium	2.6	75	Glucose Anhydrase	13.5	65	Potassium Chloride	1.5	75	Trisodium Citrate Dehydrate	2.9	20			Citrate 10			Total Osmolarity = 24
	Gram/Liter	mmol/L																				
Sodium	2.6	75																				
Glucose Anhydrase	13.5	65																				
Potassium Chloride	1.5	75																				
Trisodium Citrate Dehydrate	2.9	20																				
		Citrate 10																				
		Total Osmolarity = 24																				
6. Potassium Chloride	Tablet, 300mg, 500mg, 600mg, 750mg, 1g																					
7. Sodium Bicarbonate	Tablet, 500mg																					
8. Sodium Chloride	Tablet, 650mg, 1g																					

### **WE. 200 Parenteral**

1. Calcium Chloride	Injection, 10% (100mg/ml), 13.6mEq Calcium in 10ml, 5mmol of calcium & Ions in 5ml
2. Calcium Gluconate (Levulinate)	Injection, 10% in 10ml ampoule
3. Dextrose	Injection, 5% in 500ml, 1000ml, 10% in 500ml, 1000ml, 40% in 20ml; 50% in 50ml
4. Dextrose in Normal Saline	Injection, 5% in 500ml, 1000ml; 10% in 500ml, 1000ml
5. Lactated Potassium Saline (Darrow's Solution)	Injectable solution, each 1000ml contains: $K^+ 35mEq + Na^+ 121mEq + Cl^- 103mEq + Lactate 53mEq$ in 500ml, 1000ml Injectable Solution (half strength), each 1000ml contains: $K^+ 17.5mEq + Na^+ 60.5mEq + Cl^- 51.5mEq + Lactate 26.5 mEq$ in 500ml, 1000ml
6. 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

7. Potassium Chloride	Injection, 150mg/ml in 10ml ampoule
8. Ringer's Injection	Injectable solution, each 1000ml contains: Na <sup>+</sup> 147mEq + K <sup>+</sup> 4mEq + Ca <sup>++</sup> 456mEq Cl <sup>-</sup> 155mEq in 500ml. 1000ml
9. Sodium Chloride	Injection 0.9% (Normal Saline), 10ml, 20ml, 500ml, 1000ml; 235mg/ml, 3% in 500ml
10. Sodium Lactate	Injection, Na <sup>+</sup> 16.7mEq +Lactate 16.7mEq in 100ml

### **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, 300,000units/ml in 2ml ampoule Oral solution, 20,000units/ml, 400,000units/ml Tablet (strong), 1.25mg (50,000 units)
3. Cholecalciferol (Vitamin D3)	Capsule, 250mcg Injection (oily), 300,000 IU/ml
4. Cyanocobalamin ( vitamine B12)	Injection, 100mcg/ml, 1000mcg/ml in 1ml ampoule
5. Folic Acid	Injection, 5mg/ml in 1ml ampoule Tablet, 200mcg, 1mg, 5mg
6. Mecobalamin	Tablet, 500mcg
7. Menadiol Sodium Diphosphate	Injection, 10mg/ml Tablet, 10mg

8. Nicotinamide	Injection, 5mg/ml, 100mg/ml in 1ml ampoule Tablet, 100mg
9. Nicotinic Acid	Injection, 50mg/ml in 1ml ampoule Tablet, 50mg
10. Phytomenadione (Vitamin K1)	Injection, 1mg/0.5ml, 10mg/ml in 1ml ampoule
11. Pyridoxine Hydrochloride (Vitamin B6)	Injection, 50mg/ml in 2ml ampoule, 150mg/ml Tablet, 40mg, 50mg 100mg 300mg
12. Thiamine Hydrochloride (Vitamin B1)	Injection, 50mg/ml in 2ml ampoule Tablet, 5mg, 10mg, 100mg, 300mg
13. 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

### **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. Budesonide	Nasal Spray, 32mcg, 64mcg
2. Cetirizine	Oral solution, 1mg/ml Tablet, 5mg, 10mg
3. Chlorpheniramine Maleate	Syrup, 2mg/5ml Tablet, 2mg, 4mg, 6mg

\*Any combinations proven to be therapeutically effective can be acceptable

4. Desloratadine	Tablet, 5mg Syrup, 0.5mg/ml
5. Dexchlorpheniramine Maleate	Tablet, 2mg, 4mg, 6mg Syrup, 2mg/5ml
6. Dexchlorpheniramine Maleate + Betamethasone	Tablet, 2mg + 0.25mg
7. Diphenhydramine Hydrochloride	Capsule, 25mg, 50mg Elixir, 12.5mg/5ml Injection, 50mg/ml in 1ml ampoule
8. Levocetirizine	Tablet, 5mg
9. Loratadine	Syrup, 5mg/5ml Tablet, 10mg
10. Loratadine +Pseudoephedrine	Tablet, 5mg +120mg
11. Pheniramine Aminosalicylate	Tablet, 50mg, 75mg
12. Promethazine Hydrochloride	Elixir, 5mg/5ml Injection, 25mg/ml in 1ml and 2ml ampoules Suppository, 25mg, 50mg Tablet, 10mg, 25mg
13. Terfenadine	Syrup, 30mg/5ml Tablet, 60mg
14. Triprolidine Hydrochloride	Elixir, 2mg/5ml Tablet, 2.5mg, 10mg

### **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-infective, Ophthalmic**

#### **OP. 101 Antibacterials**

1. Chloroamphenicol	Eye ointment ,1%,5% Eye drops, 0.4%, 0.5%, 1%, 5%
2. Ciprofloxacin	Eye drops, 0.3% Eye ointments, 0.3%
3. Erythromycin	Eye ointment, 0.5% Eye drops, 1%
4. Gentamycin	Eye drops, 0.3%
5. Oxytetracycline Hydrochloride	Eye ointment, 0.5%
6. Tetracycline	Eye ointment, 1% Eye drops, 1%

#### **OP.102 Antiviral**

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

### **OP. 201 Non steroidal anti-inflammatory Medicines**

1. Bromofenac	Eye drops, 1%
2. Diclofenac Sodium	Eye drops, 0.1%
3. ketorolac	Eye drops, 0.4%, 0.5%
4. Suprofen	Eye drops, 1%

### **OP. 202 Anti-histamines**

1. Ketotifen	Eye drops, 0.025%
2. Levocabastine	Eye drops, 0.05%

## **OP. 203 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. Gentamicin +Betamethasone Eye drops, 3mg +1mg/ml
2. Oxytetracycline Hydrochloride+ Hydrocortisone Acetate + Polymixin B Sulphate Eye drops, 5mg + 15mg + 10,000U/ml

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

1. Lidocaine Hydrochloride Injection, 1%, 2%
1. Lidocaine Hydrochloride + Adrenaline Injection, 1%, 2% + 1: 1000 IU
2. Procaine Hydrochloride Injection, 2%, in 2ml Vial
3. Tetracaine hydrochloride Eye Drops, 0.5%

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

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

## **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. Antazoline + Naphazoline Solution (Nose drops), 0.5% +0.025%
4. Beclomethasone Dipropionate Nasal Spray (aerosol), 50mcg/dose
5. Chlorhexidine Gluconate Oral Solution, 0.12%
6. Clotrimazole Troches, 10mg  
Drops, 100ml  
Spray, 100ml  
Mouth paint, 1%
7. Dequalinium Chloride Lozenge, 0.25mg

8. Ephedrine Sulphate	Solution (Nose drops), 1%
9. Gentian Violet	Solution, 1%
10. Hexetidine*	Solution, 0.1%
11. Hexidine	Oral Solution, 0.1gm/100ml, 0.2%
12. Hydrogen Peroxide	Solution, 1.5%, 3%
13. Menthol + Eucalyptus Oil + Light Magnesium Carbonate	Inhalation, 2% +10% 7%
14. Miconazole	Oral Gel, 25mg/ml
15. Nystatin	Pastilles, 100.000 Units Suspension, 100,000Units/ml Oral gel, 1000,000 IU/gm, tube- 50gm Cream, 100,000 IU/gm, Tube- 50gm
16. Oxymetazoline Hydrochloride	Jelly
17. Phenylephrine	Solution (Nose drops), 0.25%, 0.5%, 1%
18. Povidone-Iodine	Solution, 1%
19. Pseudoephedrine Hydrochloride	Syrup, 30mg/ml
20. Pseudoephedrine +Loratadine	Tablet, 120mg +5mg
21. Saline Solution	Solution, 0.09%
22. Thymol + Methylsalsilate + Ethanol	Oral Solution, 0.639gm +0.6gm +27% Solution (Nose drop), 0.05%, 0.1%
23. Xylometazoline Hydrochloride	Spray, 0.025%, 0.05% Solution (Nose drops), 0.05%, 0.1%

\*Any preparation proven to be therapeutically effective can be acceptable

## **ENT.200 Otic Agents**

1. Acetic Acid	Solution (ear drops), 2%
2. Chloramphenicol	Solution (ear drops), 1%, 2%, 5%
3. Ciprofloxacin	Ear drops, 0.3%, 5ml
4. Clioquinol +Flumethasone Pivalate	Solution (ear drops), 1% + 0.02%
5. Clotrimazole	Solution (ear drops), 1%
6. Dichlorobenzene + Turpentine Oil + Chlorbutol	Solution (ear drops), 2% + 10% + 5%
7. Gentamicin	Solution (ear drops), 0.3%
8. Hydrogen Peroxide	Solution, 3%
9. Oxytetracycline	Ear drop, 0.5%
10. Oxytetracycline Hydrochloride Hydrocortisone Acetate + Polymyxin B sulphate	Ear drop, 5mg +15mg+10.000U/ml

## **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. Boric Acid + Magenta+Phenol +Resorcinol + Alcohol 90% +Acetone	Solution, each 100ml contains: 800mg +400mg +4gm +8gm +8.5ml +4ml
5. Clioquinol	Cream, 3% Ointment, 3%

6. Clotrimazole	Cream, 1% Solution, 1% Topical Powder, 1% Ointment, 1%
7. Crotamiton	Cream, 10% Lotion, 10%
8. Erythromycin	Cream, 2% Ointment, 1% Solution, 1.5%, 2%
9. Gamabenzene Hexachloride	Cream, 1%
10. Gentamycin	Cream, 0.1% Ointment, 0.3%
11. Gentian Violet	Solution, 0.5%, 1%
12. Ketoconazole	Cream, 2% Lotion, 2% Shampoo, 2% Ointment, 2%
13. Ketoconazol +Zinc Pyrithione	Shampoo, 2% +1% w/w
14. Malathion	Shampoo, 1%
15. Metronidazole	Cream, 0.75%, 1% Gel, 1% Lotion, 1%
16. Miconazole Nitrate	Cream, 2% Lotion, 2% Tincture, 2%
17. Nitrofurazone gauze	
18. Nystatin	Cream, 100,000IU/g Ointment, 100,000IU/g Powder, 100,000IU/g
19. Permethrine	Cream, 5% Lotion, 1%, 5%
20. Salicylic Acid	Ointment, 2%, 5%, 10%

21. Selenium Sulphide	Suspension, 2.5%
22. Silver Sulphadiazine	Cream, 1%
23. Sodium Fusidate	Ointment, 2%
24. Sulphur	Ointment, 5%, 10%
25. Terbenafine	Cream, 1%
26. Tetracycline	Ointment, 3%
27. Tolnaftate	Solution, 1%
28. Zinc Undecenoate + Undecenoin Acid	Ointment, 20% +5% Powder, 20% +2% Powder (aerosol), 20% +2%

### **DE.200 Anti-inflammatory, Topical**

1. Dexametasone NaPO <sub>4</sub>	Cream 0.1%
2. Flucinolone Acetonide	Cream, Ointment, 0.025%
3. Fluocortolone pivalate + Lidocaine Hydrochloride	Cream, 1mg + 20mg/ml suppository, 1mg+40mg/unit
4. Betamethasone Valerate	Cream, 0.1% Ointment, 0.1% Scalp application, 0.1%
5. Hydrocortisone Acetate	Cream, Ointment, 1%
6. Methyl Prednisolone Aceponate	Ointment, Cream, 0.1%
7. Nimesulide	Gel (transdermal), 1%
8. Triamcinolone	Ointment, 0.1%

### **DE. 300 Anti-infective/Anti-inflammatory Combinations**

1. Clioquinol + Hydrocortisone	Cream, 3% + 0.5% or 1% Ointment, 3% + 0.5% or 1%
2. Clotrimazole+Hydrocortisone	Cream, Ointment, 1% +1%
3. Dexametason Acetate + clotrimazole	Cream,0.4mg + 100mg

## **DE.400 Keratolytics /Caustics and Antiacne Agents**

- |  |   |
|--|---|
| 1. Benzoyl Peroxide                          | Gel, 2.5%, 5%, 10%<br>Solution, 2.5%, 5%, 10%                                   |
| 2. Camphor                                   | Cream, Lotion, Solution   |
| 3. Coal Tar + Salicylic Acid                 | Ointment, 2%+5%, 2%+10%   |
| 4. Glutaraldehyde                            | Solution, 10%   |
| 5. Podophyllin                               | Solution, 25%   |
| 6. Retinoic Acid (Tretinoin)                 | Cream, 0.025%<br>Gel, 0.01%, 0.025%<br>Lotion, 0.025%, 0.05%<br>Ointment, 0.05% |
| 7. Salicylic Acid                            | Ointment, 2%, 5%, 10%   |
| 8. Salicylic Acid+ Lactic Acid + Polidocanol | Tincture, 2gm+0.5gm+0.2gm/10gm  |

## **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. Crotamiton            | 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, 250mg, 300mg
6. Povidone Iodine	Solution, 4%, 7.5%, 10%

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

1. Aminacrine ( Aminocardine) + Alantoin	Cream, 0.0695% + 2%
2. Methylsalicylate*	
3. Minoxidil	Solution, 20mg/ml (2%), 5%)
4. Paraffin Guaze Dressing	
5. Talc Dusting Powder	
6. Urea	Cream, 10%, 15%, 20%, 40%

#### **AD.000 ANTIDOTES AND OTHER SUBSTANCES USED IN POISONIN**

1. Acetylcysteine	Injection, 200mg/ml in 10ml ampoule
2. Activated Charcoal	Tablet, 125mg, 250mg Powder for reconstitution, 15gm/120ml, 25gm Gel, 300ml
3. Atropine Sulphate	Injection, 1mg/ml in 1ml ampoule
4. Calcium Gluconate, Levulinate or Chloride	Injection, 10% in 10ml ampoule
5. Desferrioxamine Mesylate	Powder for injection, 0.5g in vial
6. Dimercaprol	Injection, 5% in 2ml ampoule
7. Flumazenil	Injection, 0.1mg/ml in 5ml ampoule

\*Any rubifacient proven to be therapeutically effective can be used.

8. Ipecac	Syrup, 7% powdered Ipecac
9. Penicillamine	Capsule, 250mg
10. Physostigmine salicylate	Injection, 1mg/ml in 1ml and 2ml ampoule
11. Pralidoxime Chloride	Powder for injection, 1g/vial Tablet, 500mg
12. Protamine Sulphate	Injection, 10mg/ml in 5ml ampoule; 250mg (10mg/ml), 25ml
13. Sodium Calcium Eddetate	Injection, 200mg/ml in 5ml ampoule
14. Sodium Nitrite	Injection, 3% (30mg/ml)
15. Sodium Thiosulphate	Injection, 10% in 50ml ampoule
16. Universal Antidote (Charcoal + Tannic acid + Magnesium oxide)	Powder, 2parts+1part+1part

## **IM.000 IMMUNOLOGICAL PREPARATIONS**

1. Anti-Rho (D) Immune Globulin	Injection, 2ml in vial; 120mcg, 300mcg
2. Hepatitis B Vaccine, inactivated	Injection, 16.5% in 2ml and 10ml
3. Hepatitis B Vaccine Recombinant yeast DNA	Injection, 0.5ml
4. Human Papiloma Virus Vaccine	Injection, HPV6L1 20mcg +HPV11L140mcg + HPV16L1 20mcg +HPV18L120mcg /0.5ml dose
5. Sodium Polystyrene Sulphonate	Powder 15mg
6. Scorpion Venon Antisera (Scorpion Antivenom)	Injection, 0.5ml
7. Snake Venoum Antiserum Polyvalent	Injection, 10ml
8. Tacrolimus	Capsule, 500mcg, 1mg, 2mg, 5mg Infusion, 5mg/ml

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

## **MI.000 MISCELLANEOUS**

1. Aluminum Sulphate +Calcium Hypochlorite + Sodium Carbonate  
Water treatment powder in the ratio of 23:1:1 by weight  
Solution, 1.32gm +0.44gm +1.47gm
2. Anticoagulant Citrate (ACD Solution)  
Sodium Citrate + Citric Acid + Dextrose  
Injection, 3mg/ml in 1ml
3. Apomorphine Hydrochloride
4. Calcium Hypochlorite + Iron Sulphate +  
Bentonite+ Potassium Permanganet  
Polyacrylamide + Sodium Carbonate  
Water treatment Powder
5. Formaldehyde  
Solution, 3%, 8% (w/w or v/v)
6. Glutaraldehyde  
Solution, 2%
7. Halazone  
Tablet, 4mg
8. Hydroxyethyl Cellulose (KY Jelly)
9. Iodized Salt
10. Oxidized Cellulose
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

## **MSI.000 MEDICAL SUPPLIES AND INSTRUMENTS**

1. Syringe different size
2. Hypodrmic needles different size

3. Disposable glove different size
4. Cotton different sizes
5. Sanitary pads
6. Bandage different size
7. Adhesive plasters different type & size
8. Breast pump
9. IV Canula different size
10. Digital Glucometer
11. Digital Blood Pressure apparatus
12. Digital thermometer
13. Blood glucose test strip
14. Urine Glucose test strip
15. Pricking needle

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55. Zenebe Tesfaye ARHB Pharmacist

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