



**EFDA**

የኢትዮጵያ ምግብና መድኃኒት ባለሥልጣን

ETHIOPIAN FOOD & DRUG AUTHORITY

## LIST OF MEDICINES FOR DRUG SHOP (LMDS)

Fifth Edition

**Ethiopian Food and Drug Authority**

Addis Ababa, Ethiopia  
October 2021



# **LIST OF MEDICINES FOR DRUG SHOP (LMDS)**

**Fifth Edition**

**Ethiopian Food and Drug Authority**

*Addis Ababa, Ethiopia  
October 2021*



# Contents

ABBREVIATIONS and ACRONYMS .....	vi
AKNOWLEDGEMENT .....	vii
FOREWARD .....	viii
INTRODUCTION .....	ix
Rational Drug Use .....	x
Antimicrobial medicines dispensing .....	xv
AWaRe classification of antibiotics .....	xvi
GI 000 Gastrointestinal Medicines .....	1
GI 100 Antacids* .....	1
GI 200 Antiulcer Agents .....	2
GI 400 Antispasmodic/Spasmolytic analgesics .....	3
GI 500 Antiemetics .....	3
GI 600 Cathartics and Laxatives .....	4
GI 700 Medicines for Diarrhea Management .....	5
GI 800 Antiflatulents.....	6
GI 900 Anti-hemorrhoidal agents* .....	6
CV.000 Cardiovascular Medicines .....	7
CV.100 Medicines for Heart Failure .....	7
CV300 Antilipidemic Agents.....	7
CV 500 Antihypertensives .....	7
CV 600 Diuretics.....	8
CV 800 Medicines for Vascular Shock.....	8
RE.000 Respiratory Drugs .....	9
RE100 Antitussives/Expectorants/Mucolytics* .....	9
RE200 Anti-Asthmatic Medicines and Medicines for Chronic Obstructive Pulmonary Diseases .....	10
RE300 Medicines for Allergic Rhinitis.....	11
RE 400 Medicines for sarcoidosis; Interstitial Lung disease .....	11
NS.000 Central Nervous System Medicines.....	11
NS 200 Antimigraine Medicines* .....	13
NS 300 Hypnotics and Anxiolytics.....	14
NS. 400 Antidepressants .....	14

NS. 500. Anticonvulsants.....	15
NS. 600. Antipsychotic Medicines.....	15
NS.700. Antiparkinson’s medicines/ Medicines for Drug Induced movement Disorder .....	16
AA000 Medicines Used in Anesthesia .....	17
AA200 Local Anesthetics .....	17
MS000 Medicines for Musculoskeletal and Joint Diseases.....	17
MS.100 Antirheumatics .....	17
MS.200 Medicines for Gout.....	18
MS300 Diseases Modifying Antirheumatic Medicines .....	19
MS400 Skeletal Muscle Relaxants.....	19
AI. 000 Anti-infectives .....	19
AI.100 Antibacterial.....	19
AI.101 Penicillins.....	19
AI 102. Cephalosporins .....	21
AI.103 Macrolides.....	22
AI.105 Aminoglycosides.....	22
AI.106 Fluoroquinolones.....	22
AI 107 Tetracyclines .....	22
AI.108 Amphenicols.....	23
AI109 Sulfonamides/ Sulphonamides .....	23
AI110 Other Antibacterials.....	23
AI200 Antifungals.....	24
AI300 Antiviral .....	25
AI400 Antiprotozoals.....	25
AI401 Antimalarials .....	25
AI402 Medicines for Amoebiasis.....	26
AI403 Medicines used for Giardiasis .....	26
AI404 Anti-leishmania Medicines.....	26
AI.405 Trypanocides .....	27
AI405 Medicines for Toxoplasmosis .....	27
AI.500 Anthelmintics.....	27
AI501 Filaricides .....	27

AI. 502 Schistosomicides .....	27
AI.503 Other Anthelmintics .....	28
ED 000. Endocrine Medicines .....	28
ED.200 Corticosteroid Preparations.....	28
ED.400 Medicines for the management of Blood Sugar /Insulin and Oral Antidiabetic Agents/ .....	29
ED.700 Contraceptives.....	30
ED.701 Combined Oral Contraceptives .....	30
ED.702 Progestogen Only Contraceptives .....	30
ED.703 Contraceptive Devices and Barriers .....	31
OG000 Obstetrics and Gynecological Medications.....	32
BL000 Blood Products and Medicines Affecting the Blood .....	33
BL200 Antiplatelets .....	33
BL300 Hemostatic Agents .....	33
BL400 Antianemic Agents.....	33
BL600 Blood Substitutes and Plasma Expanders .....	34
FE000 Medicines for Correcting Fluid, Electrolyte and Acid-Base Disturbances .....	35
FE.100 Oral* .....	35
FE. 200 Parenteral .....	36
FE.300 Enteral Nutrition .....	37
VT000 Vitamins.....	37
VT100 Vitamins; Single.....	37
VT.200 Vitamins; Combinations .....	39
VT201 Vitamin B Complex Preparations .....	39
VT202 Multivitamin Preparations .....	39
AL000 Antihistamines and Antiallergics.....	40
AL100 Medicines for Allergy .....	40
AL200 Medicines Used in Allergic Emergencies .....	41
OP 000 Ophthalmic Agents .....	41
OP300 Ophthalmic Anti-infective .....	41
OP301 Ophthalmic Antibacterials.....	41
OP400 Anti-inflammatory and Antiallergics .....	43
OP402 Ophthalmic Anti-histamines.....	43

OP 403: Ophthalmic Antihistamine and Vasoconstrictor .....	43
Oxymetazoline Hydrochloride .....	43
Tetrahydrozoline Hydrochloride .....	43
OP 405 Steroid Anti-inflammatory .....	43
OP500 Anti-Infective/Anti-inflammatory Combinations .....	43
OP 600: Ophthalmic Local Anesthetics .....	43
OP 700: Ophthalmic Diagnostics and Miscellaneous Agents.....	44
EN 000: Ear, Nose and Throat .....	44
EN 100: Nasal and Oropharyngeal Preparations.....	44
EN 200: Otic Agents .....	45
DE.000 Dermatological agents .....	46
DE.100 Anti-infective, Topical .....	46
DE200 Anti-inflammatory, Topical .....	49
DE300 Anti-infective/Anti-inflammatory Combinations .....	49
DE400 Keratolytics /Caustics and Antiacne Agents.....	50
DE500 Medicines for Psoriasis and Eczema.....	51
DE600 Antipruritics .....	51
DE1000 Skin Disinfecting Agents .....	52
DE1100 Dermatological, others .....	52
IM000 Immunological Preparations .....	52
AD000 Antidotes and Other Substances used in poisoning .....	53
MI000 Miscellaneous.....	55
Annex I.....	57
Index .....	59

## ABBREVIATIONS and ACRONYMS

AAU/SOP	Addis Ababa University/School of Pharmacy
AMR	Antimicrobial Resistance
AMS	Antimicrobial stewardship
BP	Bovine and Porcine
DHA	Digital Health Activity
EFDA	Ethiopian Food and Drug Authority
GHSC-PSM	Global Health Supply chain - Procurement and Supply Management
HPB	Human, Porcine, and Bovine
ICD	International Classification of Disease
IUCD	Intrauterine Contraceptive device
JSI	John Snow Inc.
MoH	Ministry of Health
ORS	Oral Rehydration Salts
ReSoMal	Rehydration Solution for Malnutrition
SOP	School of Pharmacy
USAID	United States Agency for International Development
WHO	World Health Organization



## ACKNOWLEDGEMENT

The Ethiopian Food and Drug Authority (EFDA) would like to express its gratitude to all participants and their respective organizations who were involved in the preparation of this document for their commitments and relentless efforts.

This medicine list for drug shop revision wouldn't be possible without the involvement of the development partners and the Authority recognized WHO, USAID/GHSC-PSM, USAID/DHA for their technical support throughout the revision process.

The Authority would like to give special acknowledgements to the following members of the National Technical Working Group for their invaluable contributions in revising and finalizing this list.

Table 1: List of the members of the National Technical Working Group.

SN	Name	Organization
1	Asnakech Alemu	EFDA
2	Million Tirfe	EFDA
3	Edessa Diriba	MOH
4	Getachew Alemkere	AAU/SOP
5	Kidanemariam G/Michael	EFDA, USAID-DHA
6	Mengisteab Woldearegay	WHO
7	Shemsu Umer (PhD)	AAU/SOP
8	Solomon Shiferaw	EFDA
9	Theodros Fenta	EFDA
10	Wondie Alemu	USAID/GHSC-PSM
11	Yosef Getachew	EFDA

## FOREWARD

Pharmacotherapy has always been an integral part of the healthcare system and will remain so in the future. This relies on the availability of safe, effective, quality and affordable medicines. Besides, this depends on the rational prescribing, dispensing and use of such medicines. According to the Ethiopian drug policy, medicines 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 fifth time in light of the above principles and the latest developments in fields of medicine and pharmacy. The existence of the list alone does not solve the problems in the distribution, prescribing, dispensing and use unless all the concerned bodies commit themselves to its full implementation. Therefore, all concerned professionals and organizations are requested to use the medicines 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 the Drug Shop.

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 Technical Working Group, development partners as well as the participants of the review workshops. I hope that the List of Medicine for Drug Shop will serve as a useful guide for the procurement and distribution as well as enforcements.

Finally, I would like to express my gratitude to all those who have directly or indirectly extended their helping hands in the revision 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 Ethiopian Food and Drug Authority.



Heran Gerba  
Director General, EFDA

**Heran Gerba**  
**Director General**

## **INTRODUCTION**

Medicines are key components of healthcare systems. Although there are immense active pharmaceutical entities in the global market, limiting medicines that shall be used in a given health institution considering the level of health care and professional level of expertise are advantageous for proper management of the medicine within a facility. This is done with due regard to factors such as safety, efficacy, quality, cost-benefit ratio and sufficient experience with the medicines.

Pharmacotherapeutic classification system of medicines is utilized to categorize medicines in the List of Medicines for Drug Shop. The fifth edition of the list is revised in light of the latest development in the fields of medicine and pharmacy, epidemiological conditions of diseases of the country, current needs of the healthcare system, and the safety, quality and efficacy profiles of the medicines. Besides, the Authority included medicine requested to be included during the implementation of the fourth edition.

The purpose of the List of Medicine for Drug Shop is to create access to up-to-date lists of medicines to the community, improve procurement and promote proper use of medicines. In this list, there are unregistered medicines and Drug shops shall not handle and dispense those medicines. In this regard, the Authority will announce to all stakeholders whenever registered as soon as possible.

The list was first prepared by the Authority using a Technical Working Group composed of different health professionals and then enriched through consultative workshops. Participants involved in the workshops were relevant departments of the Ministry of Health, Regional Health Bureaus, professional associations, specialists and health professionals from various disciplines, representatives of health facilities, representatives of pharmaceutical importers, wholesalers and Drug Shops, development partners and other relevant organizations.

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. Since the process of revising List of Medicines for Drug Shop is a continuous process which takes into account the changes in 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 Ethiopian Food and Drug Authority, PO. Box: 5681, Tel: 251-115524122, Email: [contactefda@efda.gov.et](mailto:contactefda@efda.gov.et), website: [www.efda.gov.et](http://www.efda.gov.et), Addis Ababa, Ethiopia.

### **Rational Drug Use**

Based on the WHO, Rational Drug Use can be defined as patients receiving medications appropriate to their clinical needs, in doses that meet their own individual requirements, for an adequate period of time, and the lowest cost to them and their community. This will be achieved by applying the principles of good prescribing, good dispensing and the legal and ethical requirements of medicine use. Hence, the dispensing pharmacists are required to understand and act accordingly up to requirements of the following principles.

### **Standard Prescription Paper**

Prescription is an instruction from a prescriber to a dispenser. It serves as a means of communication among the prescribers, dispensers and the patients or clients pertaining to treatment or prophylaxis.

Prescriptions shall be written on a blank standard prescription in ink and be clear, not ambiguous, legible, indelible and indicate precisely what should be given. The prescription must be prepared in line with the national and regional laws of the country. A prescription should contain the following main parameters (**refer to form 1**) and should be filled during prescribing by the attending physician or authorized health professional:

- Institution information: name and address
- Patient's information: Name, sex, age, body weight, Date of the prescription; card number, Address.
- Drug information: Generic name, dosage form and strength, dose, route of administration, frequency and direction for use of the medicines.
- Fill the diagnosis or ICD code for proper communication with the dispenser and choice of the drug among the available generic options.
- Prescribers and dispensers' information: name, qualification, registration number, signature and date.

**Form 1: Standard prescription Paper**

Ser. No. \_\_\_\_\_

PRESCRIPTION PAPER

Institution Name: \_\_\_\_\_ Tel. No. \_\_\_\_\_

-----  
PRESCRIPTION PAPER Code/ Ser. No. \_\_\_\_\_

Institution Name: \_\_\_\_\_ Tel. No. \_\_\_\_\_

Patient's full Name: \_\_\_\_\_

Sex: \_\_\_ Age: \_\_\_ Weight: \_\_\_ Card No. \_\_\_\_\_

Region: \_\_\_ Town \_\_\_ Woreda \_\_\_ Kebele \_\_\_

House No. \_\_\_ Tel. No: \_\_\_\_\_  Inpatient  Outpatient  Emergency

Diagnosis, if not ICD \_\_\_\_\_

Drug Name, Strength, Dosage Form, Dose, Frequency, Duration, Route of Administration & other information	Price (dispensers use only)
R	
Total Price	

Prescriber's	Dispenser's
Full _____	Full name _____
Qualification _____	Qualification _____
Registration # _____	Registration # _____
Signature _____	Signature _____
Date: _____	Date: _____

**See overleaf**

## **Please Note the Following Information**

### **1. Prescriptions**

- 1.1. Are valid only if it has the seal of the health institution
- 1.2. Filled and blank are legal documents, treat them as fixed assets
- 1.3. Written and verbal information to the client complement one another

### **2. The prescriber**

- 2.1. Never allow others to use Rx issued under your custody
- 2.2. Drug treatment is only one of the treatment options
- 2.3. Write the prescription correctly and legibly
- 2.4. Diagnosis and other parts of the prescription have to be complete
- 2.5. Name of the medicine should not be abbreviated.
- 2.6. Please accept prescription verification call from the dispenser
- 2.7. If dosage must be repeated by the same Rx describe so and sign

### **3. The Dispenser**

- 3.1. check legality of the prescription
- 3.2. check completeness and accuracies before dispensing
  - 1.1. check for whom the medicine is being dispensed: actual client or caretaker
- 3.3. if in doubt about the contents of the prescription; verify with the prescriber
- 3.4. Containers used for packaging must be appropriate for the product
- 3.5. Labels of drugs should be clear, legible and indelible
- 3.6. Drugs should be dispensed with appropriate information and counseling
- 3.7. keep filled prescriptions at least for 2 years

### **4. Minimum drug label information should include the following:**

- 4.1. Patient name
- 4.2. Generic name, strength and dosage form of the medicine,
- 4.3. Dose, Frequency and Duration of use of the medicines,
- 4.4. Quantity of medicine dispensed
- 4.5. How to take Route of administration
- 4.6. Storage condition

## **Good dispensing practice**

Dispensing refers to the process of preparing medicines and distributing to users with provision of appropriate information, counselling and follow up. It may be based on a prescription or over-the-counter basis. The dispensing process involves the correct interpretation of prescription or oral request, accurate preparation and labelling of medicines with provision of appropriate information and follow up. Dispensing includes all the activities that occur between the time the prescription or oral request to the patient or client is presented and the medicine is issued to them.

The medicine should be dispensed in a safe and hygienic manner, making sure that the patient or client understands and appreciates the value of taking specific medicines for specific indications and on how to use the medication

Good dispensing practice ensures that the correct medicine is delivered to the right patient, in the required dosage and quantities, with clear instructions, and in a package that maintains an acceptable potency and quality of the medicine.

Any error or failure in the dispensing process can kill the user or seriously affect the patient's health and economy. Therefore, the dispenser plays a crucial role in the therapeutic process. For good dispensing practice and counseling, refer to the current "Medicines Good Dispensing Practices," manual prepared by the Ethiopian Food and Drug Authority (EFDA), and also the available medicines dispensing and counseling guides.

Consistent application of the six steps of the dispensing process approved nationally can bring dispensing practice to the standard level. The six steps of dispensing are:

Step 1. The interpretation and evaluation of a prescription

Step 2. The selection and manipulation of the medicine

Step 3. Labelling and packaging of the medicine in an appropriate container

Step 4. The provision of information and instructions to a patient or client

Step 5. Recording the transaction

Step 6. Prescription filing

Before medicines are handed over to patients or clients, the dispenser should ensure that the prescription is valid, that the medicine is clinically appropriate for the patient, and that information is provided.

**Labeling of Medicines:** The main functions of a label on a dispensed medicine are to uniquely identify the contents of the container and to ensure that patients or clients have clear and concise information about the use of the medicine. The purposes of a label for a medicine are to describe its identity, contribute to optimal therapeutic outcome and avoid medication errors, achieve appropriate handling and storage, and allow the product to be traced if there are problems with the manufacturing, prescribing or dispensing process. In order to assure that this information is conveyed clearly and effectively to the patients or clients, dispensers should exercise required professional competencies.

Each dispensed medicines must be appropriately labelled to comply with legal and professional requirements. The labels should be unambiguous, clear, legible and indelible.

There is a legal requirement to be added on the label of any prescribed or over the counter (OTC) medicines. Minimum drug label information should include the following:

- Patient name
- Generic name, strength and dosage form of the medicine
- Dose, frequency and duration of use of the medicines
- Quantity of the medicine dispensed
- Medication administration instructions
- Storage conditions
- Name of institution and the dispenser
- Other common labeling includes “Keep out of the reach of children”, “For external use only”; “expiry dates”; “shake the bottle”, “do not use after opening” etc.

**Counseling of Patients:** Taking time to explain to patients or clients about the rationale and the potential adverse effects of the treatment improves adherence. Patients who always need counseling include confused ones and their caregivers, those who have impaired sight or hearing, poor literacy, when there is a change in their medications or dosing, new patients or those receiving a medication for the first time, and children and their parents, and other vulnerable groups. Besides,



patients with chronic disease require regular counseling. For some medicines, there is a special need for counseling (e.g., medications requiring special storage, with complicated or significant side effects, an unusual method or time of administration or a potential interaction with a common food or domestic remedy). Counseling should be tailored to the age, experience, background, and understanding of the individual patient. The dispenser should ensure that the patient understands how to take or use the medicine and how to follow the correct dosage schedule. Patients must be warned to keep all medicines out of the reach of children.

Counseling by dispensers creates awareness, decreases health risks and healthcare costs and should be provided after making sure that the prescription is legal, legible, valid, correct and complete. It is essential that dispensers follow standardized checklists for counseling of patients on the use of medications to make sure that the patient or client understands the regimens correctly and gets maximum benefit from the treatment. The following counseling steps by the pharmacy personnel should be followed: 1) establish relationships, 2) assess the knowledge of the patient, 3) provide information, 4) verify understanding and 5) provide necessary feedback based on the verification gaps. For additional information, refer to the current national good dispensing manual.

### **Antimicrobial medicines dispensing**

The use of antimicrobial medicines has greatly contributed to the decline in morbidity and mortality due to infectious diseases. However, this is being undermined by the rapidly growing problem of antimicrobial resistance (AMR). AMR has serious public health consequences and increases mortality and morbidity from infectious diseases. It also increases treatment costs, illness duration and has many negative economic consequences.

AMR is the result of many factors with biological, behavioral, technical, economic, regulatory, and educational roots. But irrational use of antimicrobials is the greatest driver of resistance. The irrational use of antimicrobials practices which contribute to the development of AMR include, but not limited to the following:

- Unnecessary prescription of antibiotics, such as for viral infections (colds) or for prolonged prophylaxis;
- Using broad-spectrum antibiotics when narrow-spectrum antibiotics are effective
- Prescribing too low doses;

- Not prescribing according to microbiology results/absence of diagnostic facilities;
- Prescribing intravenous therapy when oral therapy is known to be effective and clinically safe;
- Omitting or delaying administration of doses and not taking antibiotics as prescribed by patients;
- dispensing antimicrobials without prescription and irrational self-administration;
- Access to poor quality, sub-standard or falsified antimicrobials;
- Weak regulatory inspection systems and enforcements;
- Poor infection control systems in health facilities,
- Unethical promotion for antimicrobial prescribing and dispensing;
- Early termination of treatments or sharing of medicines with families and friends etc.

Recognizing the public health crisis due to AMR, all stakeholders should take appropriate actions to prevent and contain AMR at national level. Prescribers and dispensers have irreplaceable roles in monitoring and improving medicines used in institutional settings to contain AMR. In addition, complying with the national laws of prescribing and dispensing AMR is crucial.

To reduce antimicrobial resistance, the Access, Watch, Reserve (AWaRe) classification of antibiotics was developed by the World Health Organization (WHO) and adapted by the Ethiopian Essential Medicines List, 2020 – where antibiotics are classified into different groups to emphasize the importance of their appropriate use. This classification is intended to be used as a tool to better support antibiotic monitoring and stewardship activities.

#### **AWaRe classification of antibiotics**

**AWaRe** stands for an antibiotic classification to ACCESS, WATCH and RESERVE groups. The Ethiopian Essential Medicines list has adapted WHO's AWaRe classification with modifications based on prevailing healthcare delivery system and expertise opinion. It includes 33 core or prototype antibiotics classified as Access (16), Watch (10) or Reserve (7), based on their pharmacological classes (**Table 1**).

**ACCESS** group antibiotics have activity against a wide range of commonly encountered susceptible pathogens while showing lower resistance potential than antibiotics in Watch and Reserve groups. They are widely used empiric treatment options as first- or second -choice for

specific infectious syndromes like upper respiratory tract infections (if indicated), community acquired pneumonia in the outpatient settings, surgical prophylaxis, progressive apical dental abscess, etc. As they should be widely accessible, affordable and quality assured. They are expected to account  $\geq 60\%$  the institutional antimicrobial consumption (guide for surveillance).

**WATCH** group antibiotics have higher resistance potential and include most of the highest priority agents among the Critically Important Antimicrobials (CIA) for Human Medicine and/or antibiotics that are at relatively high risk of selection of bacterial resistance. They are widely used empiric treatment options as first- or second -choice for specific serious infectious syndromes. As a result, they should be prioritized as key targets of hospital stewardship programs and monitoring. They are expected to account for less than 40 % of the institutional antimicrobial consumption (guide for surveillance).

**RESERVE** group antibiotics should be reserved for treatment of confirmed or suspected infections due to multi drug-resistant organisms, and treated as “last-resort” options. However, they should be accessible, but their use should be tailored to highly specific patients and settings, when all alternatives have failed or are not suitable. Reserve group antibiotics must be protected and prioritized as key targets of hospital stewardship programs, involving monitoring and utilization reporting, to preserve their effectiveness. They are recommended to be used for “High Priority” pathogens notably carbapenem Resistant Enterobacteriaceae (CRE).

This AWaRe classification is aimed to promote rational antibiotic use and provide a tool for antimicrobial stewardship (AMS) activities and monitoring of antimicrobial consumption. Hence, its implementation aims to improve the health facility and national antibiotic consumption goal, i.e., increasing the proportion of Access group antibiotics consumption to at least 60%, and to reduce use of the antibiotics most at risk of resistance from the Watch and Reserve groups.

**Table1: AWARe classification of antibiotics**

Group		
Access	Watch	Reserve
1. Amoxicillin	1. Ampicillin + Sulbactam	1. Piperacillin + tazobactam
2. Amoxicillin + Clavulanic Acid	2. Cefuroxime	2. Meropenem
3. Ampicillin	3. Cefixime	3. Meropenem + Vaborbactam
4. Penicillin G, Benzathine	4. Cefpodoxime	4. Ceftazidime + Avibactam
5. Penicillin G, Sodium Crystalline	5. Ceftriaxone	5. Colistin
6. Cloxacillin	6. Ceftazidime	6. Polymyxin B
7. Cephalexin	7. Cefepime	7. Vancomycin
8. Cefazolin	8. Ceftriaxone + sulbactam	
9. Azithromycin	9. Ciprofloxacin	
10. Clarithromycin	10. Clindamycin	
11. Sulphamethoxazole + Trimethoprim		
12. Nitrofurantoin		
13. Norfloxacin		
14. Gentamicin		
15. Metronidazole		
16. Doxycycline		

### **Dispensing and code of ethics**

Patients or clients expect standards of ethical behavior and conduct from dispensers. They need the medications along with appropriate ethical treatments. It is essential that all dispensers meet the standards set out in the national laws as failure to do so could result in a complaint of professional misconduct.

The breach (s) of national laws could be held to be professional misconduct or poor professional performance and can result in an administrative measure or crime penalty. Below is the summary of principles of ethics, professional conduct, performance and ethics of the dispensers.

#### **Principles of ethics**

- Make Patients or clients your first concern.
- Use professional judgments in the interests of patients and clients
- Show respect for patients and clients
- Encourage patients and the public to participate in decisions about their care
- Develop your professional competence
- Be ethical, honest and trustworthy
- Be responsible for your working practices

#### **Professional conduct**

- Act in the best interests of patients or clients
- Respect the confidentiality and privacy of patients or clients
- Maintain high standards of personal conduct and behaviour
- Provide unbiased and trustworthy drug information
- Comply with obligations regarding professional regulation

#### **Professional performance**

- Address health issues related to your fitness to practice
- Obey laws, regulations and guidelines
- Comply with requirements for the protection of patients or clients
- Act within the limits of your knowledge, skills, competence and experience
- Keep your professional knowledge and skills up-to-date

- Obtain consent from patients or clients before providing services
- Assess service users' capacity to consent where necessary
- Communicate effectively with patients or clients and others involved in their care
- Act in accordance with the principles of open disclosure
- Assist, advise and support colleagues, recently qualified professionals and students
- Supervise tasks that you delegate to others
- Keep accurate records
- Assess health, safety and welfare risks
- Raise concerns about safety and quality of care including medicines

### **Professional ethics**

- Demonstrate ethical awareness
- Respect rights and dignity of patients or clients and others involved in their care
- Avoid conflicts of interest
- Provide services in an ethical manner
- Make sure that any advertising is truthful, accurate, lawful and not misleading



## GI 000 Gastrointestinal Medicines

### GI 100 Antacids\*

NO.	Name of the medicine	Dosage form & Strength
1.	Aluminum Hydroxide	Gel 320mg/5ml
		Suspension 360mg/5ml
		Chewable Tablet 500mg
2.	Aluminum Hydroxide + Magnesium Hydroxide	Chewable Tablet 405mg + 100mg; 400mg + 400mg
		Suspension (220mg +195mg)/5ml
3.	Aluminum Hydroxide + Magnesium Oxide	Suspension (375mg +145 mg)/5ml
4.	Aluminum Hydroxide + Magnesium Hydroxide + Simethicone	Suspension (225mg + 200mg + 25m)/5ml
		Powder for Suspension (250mg+200mg+40mg)/5ml
		Chewable Tablet 200mg + 200mg + 25mg
5.	Aluminum Hydroxide + Magnesium Hydroxide + Simethicone + alginic acid	Chewable Tablet 125mg + 250mg+ 50mg +100mg
6.	Aluminum Hydroxide + Magnesium Trisilicate	Chewable Tablet 120mg + 250mg
7.	Aluminum Hydroxide + Magnesium Trisilicate + simethicone	Oral suspension (225mg + 200mg + 50mg)/5ml; (200mg + 200mg + 20mg)/5ml
8.	Calcium Carbonate	Tablet 100mg; 350mg; 500mg; 700mg
9.	Magnesium Hydroxide	Suspension 375mg/5ml; 125mg/5mL
		Chewable Tablet 300mg; 311mg
*Any therapeutically effective combinations approved/authorized by Ethiopian Food and Drug Authority (EFDA) can be handled.		



### GI 200 Antiulcer Agents

1.	Chlordiazepoxide + Clidinium Bromide.	Tablet 5mg + 2.5mg
2.	Cimetidine	Tablet 200mg; 400mg; 800mg
		Syrup 200mg/5ml
		Injection 80mg/ 2ml; 100mg/ml; 200mg/ml
3.	Esomeprazole	Capsule 20mg
		Tablet 20mg; 40mg
		Granules for oral suspension (pediatric); 10mg; 20mg; 40mg
		Powder for injection 20mg; 40mg
		Powder for Suspension 40 mg
4.	Famotidine	Tablet 20mg; 40mg
		Oral Suspension 40mg/5ml
5.	Nizatidine	Tablet 75mg
		Capsule 150mg; 300mg
		Oral suspension 15mg/ml
		Injection 25mg/ml
6.	Omeprazole	Tablet: 10 mg; 20 mg; 40mg
		Capsule: 10 mg; 20 mg; 40mg
		Powder for injection 40 mg
		Powder for oral liquid 20 mg; 40 mg
7.	Pantoprazole	Tablet 20mg; 40mg
8.	Ranitidine	Tablet 150 mg; 300mg
		Injection 10mg/ml; 25 mg/ mL (as hydrochloride)
		Oral liquid 75 mg/5 mL (as hydrochloride).
9.	Sucralfate	Tablet 1g
		Suspension 1gm/10ml

### GI 400 Antispasmodic/Spasmolytic analgesics

1.	Atropine sulphate	injection 1mg/ml
2.	Drotaverine	Tablet 40mg; 80 mg
		Injection 40mg/2ml
3.	Hyoscine/Scopolamine Butylbromide	Drops 5mg/5ml
		Injection 20mg/ml
		Tablet 10mg
		Suppository 7.5mg; 10mg
4.	Mebeverine	Tablet 135 mg
5.	Oxybutynin	Patch/Transdermal 3.9mg
		Tablet 5mg; 10mg (as hydrochloride)
		Oral gel 10% (as hydrochloride)
		Syrup 5mg/5ml (as hydrochloride)
6.	Propantheline Bromide	Tablet 15mg; 30mg

### GI 500 Antiemetics

1.	Chlorpromazine Hydrochloride	Drops 25mg/ml
		Injection 12.5mg/2ml; 25mg/ml; 25mg/2ml; 50mg/2ml
		Syrup 25mg/5ml
		Tablet 25mg; 50mg; 100mg
2.	Dimenhydrinate	Tablet 50mg
3.	Doxylamine succinate + pyridoxine hydrochloride	Tablet 10mg + 10mg
4.	Hyoscine/Scopolamine Hydrobromide	Injection 0.4mg/ml; 0.6mg/ml
		Tablet 0.6mg
5.	Meclizine Hydrochloride	Tablet 12.5mg; 25mg
6.	Meclizine Hydrochloride+ pyridoxine hydrochloride	Tablet 25mg+50mg
7.	Metoclopramide Hydrochloride	Drops 0.2mg/drop

		Injection 1mg/ml; 5mg/ml; 5mg/2ml
		Syrup 5mg/5ml
		Tablet 5mg; 10mg
8.	Promethazine Hydrochloride	Elixir 5mg/5ml
		Drops 25mg/ml
		Injection 25mg/ml; 25mg/2ml
		Suppository 25mg; 50mg
		Tablet 10mg; 25mg

#### GI 600 Cathartics and Laxatives

1.	Bisacodyl	Suppository 5mg; 10mg Tablet 5mg; 10mg
2.	Cascara Sagrada	Tablet 125mg
3.	Castor oil	Liquid 30ml; 60ml
4.	Docusate sodium	Tablet 50mg; 100mg Syrup 4mg/ml
5.	Glycerin	Suppository 0.7gm; 0.9gm; 1.2gm; 1gm; 1.4gm; 1.36gm; 2gm; 2.76gm
6.	Lactulose	Enema (300ml Lactulose + 700ml Water) Syrup 3.5 mg/5ml Oral solution 10g/15ml
7.	Liquid Paraffin	Liquid 50ml; 100ml; 200ml
8.	Lubiprostone	Capsule/Soft gel 8 mcg; 24 mcg
9.	Magnesium Sulphate	Oral powder 30gm
10.	Methyl Cellulose	Tablet 500 mg
11.	Polyethylene Glycol (PEG)	Powder for oral solution 10gm; 17gm /sachet
12.	Psyllium	Powder
13.	Senna	Tablet (total sennosides) 7.5mg
14.	Sorbitol	Liquid preparation 70%

### GI 700 Medicines for Diarrhea Management

1.	Bismuth Subsalicylate	Tablet 262.5mg; 300mg; 525 mg		
		Oral suspension 262/15ml; 525mg/15ml		
2.	Loperamide	Tablet 2mg		
		Capsule 2mg		
3.	Oral Rehydration Salt	Composition	Reduced Osmolarity (mmol/L)*	Standard Osmolarity (mmol/L)**
		Sodium	75	111
		Glucose	75	90
		Potassium	20	20
		Chloride	65	80
		Citrate	10	10
		Total Osmolarity	245	311
<p>*Dispensed in powder form with the following ingredients (all measured in g/L): sodium chloride 2.6; trisodium citrate 2.9; potassium chloride 1.5; and glucose 13.5</p> <p>**Dispensed in powder form with the following ingredients (all measured in g/L): sodium chloride 3.5; trisodium citrate 2.9; potassium chloride 1.5; and glucose 20</p> <p>ORS=Oral rehydration solution; WHO=World Health Organization</p>				
4.	Pancreatin	Tablet 325mg		
5.	ReSoMal	Rehydration solution each sachet for 2 liter contains Glucose 125 Sodium 45 Potassium 40 Chloride 70 Total Osmolarity 294meq/L		
6.	Zinc Sulphate	Tablet (dispersible) 10mg; 20mg; 40mg		
		Oral liquid; 10mg/unit		

### GI 800 Antiflatulents

1.	Activated charcoal	Tablet 125 mg; 250mg
		Suspension 15gm
		Powder for reconstitution 5gm; 25gm; 30gm
2.	Simethicone	Chewable Tablet 60mg; 80mg; 95mg
		Capsule 95mg; 125 mg
		Oral drop 40mg/ml; 66.6mg/ml

### GI 900 Anti-hemorrhoidal agents\*

1.	Betamethasone valerate + Phenylephrine HCl + Lidocaine HCl	Ointment 0.5mg+1mg+25mg
2.	Bismuth subgallate compound (Bismuth Subgallate + Bismuth Oxide + Balsam Peru + Zinc Oxide + hydrocortisone + Benzyl Benzoate)	Rectal ointment 2.25%+0.875%+ 1.875%+ 10.75+ 0.25% + 1.25%
		Suppository 59mg + 24mg + 49mg + 296 + 10mg + 33mg
3.	Bismuth Oxide + Balsam Peru + Zinc Oxide + Bismuth Subgallate	Rectal ointment (0.875 gm+1.875 gm + 10.75 gm + 2.25gm)/ 100gm
		Suppository 24mg + 49mg + 296 + 59mg
4.	Hydrocortisone + Framycetin + Cinchocaine + Esculoside	Suppository 5mg + 10mg + 5mg + 10mg
		Ointment (0.5% + 1% +0.5% +1%) in 15gm; 30gm
5.	Lidocaine hydrochloride + Hydrocortisone Acetate + Aluminum subacetate + Zinc Oxide	Rectal ointment 50mg + 2.5mg + 35mg + 180mg in 1 gm
		Suppository 60mg + 5mg + 50 + 500mg
6.	Tribenoside + Lidocaine	Suppository 400mg + 40mg
		Rectal cream 50mg +20mg
*Any therapeutically effective combinations approved/authorized by Ethiopian Food and Drug Authority (EFDA) can be handled.		

## CV.000 Cardiovascular Medicines

### CV.100 Medicines for Heart Failure

1.	Captopril	Tablet 12.5mg; 25mg; 50mg; 100mg
2.	Enalapril maleate	Tablet 2.5mg; 5mg; 10mg; 20mg; 40mg
3.	Enalapril maleate + Hydrochlorothiazide	Tablet 5mg+12.5mg; 10mg +25mg
4.	Furosemide	Injection 10 mg/ml
		Oral liquid 20mg/5ml; 40mg/5ml
		Tablet 20mg; 40 mg; 80mg
5.	Hydrochlorothiazide	Oral liquid 50 mg/5ml
		Tablet 12.5mg; 25mg
6.	Hydralazine	Tablet 10mg; 25mg; 50mg; 100mg
		Powder for injection 20mg/ml
7.	Hydralazine + Isosorbide dinitrate	Tablet 37.5mg + 20mg
8.	Lisinopril	Tablet 2.5 mg; 5mg; 10mg; 20mg

### CV300 Antilipidemic Agents

1.	Omega-3-fatty acid	Capsule 1gm
2.	Niacin (Vitamin D <sub>3</sub> )	Tablet: 50, 100, 250, 500 mg
		Capsule: 250, 500 mg

### CV 500 Antihypertensives

1.	Amiloride + Hydrochlorothiazide	Oral Solution (5mg +50mg)/5ml
		Tablet 2.5mg + 25mg; 5mg + 50mg
2.	Amlodipine	Tablet 2.5 mg; 5 mg; 10mg
3.	Captopril	Tablet 12.5mg; 25mg; 50mg; 100mg
4.	Captopril + Hydrochlorothiazide	Tablet 25mg+25mg; 50mg+25mg
5.	Enalapril maleate	Tablet 2.5mg; 5mg; 10mg; 20mg; 40mg
6.	Enalapril Maleate + Hydrochlorothiazide	Tablet 5mg +12.5mg; 10mg + 25mg; 20mg + 12.5mg
7.	Felodipine	Tablet 2.5mg; 5mg; 10mg

8.	Fosinopril	Tablet 10mg; 20mg
9.	Hydralazine	Injection 20mg/ml
		Tablet 25mg; 50mg
10.	Hydrochlorothiazide	Tablet 12.5mg; 25mg
11.	Isradipine	Tablet 2.5mg; 5mg
12.	Lisinopril	Tablet 2.5 mg; 5mg; 10mg; 20mg; 40mg
13.	Lisinopril + Hydrochlorothiazide	Tablet 10mg +12.5mg
14.	Methyldopa	Tablet 250mg; 500mg
15.	Nicardipine	Injection 0.1mg/ml; 2.5mg/ml
		Capsule 20mg; 30mg
16.	Nifedipine	Capsule 5mg; 10mg; 20mg; 30mg
		Tablet 5mg; 10mg; 20mg; 30mg; 40mg; 60mg; 90mg
17.	Prazosin Hydrochloride	Tablet 1mg; 2mg; 5mg
18.	Propranolol	Injection 1mg/ml
		Tablet 10mg; 40mg; 60mg; 80mg
19.	Sodium nitroprusside	Powder for injection 50mg in ampoule

#### CV 600 Diuretics

1.	Furosemide/Frusemide	Elixir 10mg/ml
		Injection 10mg/ml
		Tablet 20mg; 40mg; 80mg
2.	Hydrochlorothiazide	Tablet 12.5mg; 25mg
3.	Mannitol	Infusion 25% in 50ml; 20% in 250ml; 10% in 500ml

#### CV 800 Medicines for Vascular Shock

1.	Adrenaline (Epinephrine)	Injection 1 mg/ml, 100mcg/ml (as hydrochloride or hydrogen tartrate).
2.	Dopamine Hydrochloride	Injection 40mg/ml
3.	Phenylephrine Hydrochloride	Injection 10mg/ml
4.	Vasopressin	Injection 20 unit/ml

## RE.000 Respiratory Drugs

### RE100 Antitussives/Expectorants/Mucolytics\*

1.	Acetaminophen + Pseudoephedrine Hydrochloride +Chlorpheniramine	Tablet 325mg +15mg +1mg
		Syrup (160mg + 1mg + 15mg)/5ml
2.	Ambroxol Hydrochloride	Syrup 15mg/5ml; 30 mg/5ml
3.	Ambroxol Hydrochloride +Salbutamol Sulphate	Syrup (30mg+2 mg)/5ml
4.	Bromhexine Hydrochloride	Elixir 4mg/5ml
		Syrup 5mg/5ml
5.	Carbocisteine	Syrup 125 mg/ml; 250mg/5ml
6.	Chlorpheniramine maleate + Phenylephrine Hydrochloride + Glyceryl guaiacolate	Syrup (1mg+2.5mg+50mg)/5ml
7.	Dexchlorpheniramine	Syrup 2mg/5ml
		Tablet 2mg; 4mg; 6mg
8.	Dexchlorpheniramine + Guaifenesin + Pseudoephedrine	Syrup (2mg + 100mg + 20mg)/5ml
9.	Dextromethorphan Hydrobromide	Drops 15mg/ml
		Syrup 5mg; 7.5mg; 15mg/5ml
		Tablet 15mg
10.	Dextromethorphan Hydrobromide+ Guaicolsulphonate	Syrup (0.3gm +7.6gm)/100ml
11.	Diphenhydramine + Sodium Citrate+ Ammonium Chloride	Syrup (12.5mg +60mg +130mg)/5ml
12.	Guaifenesin	Capsule; 200mg
		Syrup; 100mg/5ml
		Tablet 100mg; 200mg
13.	Pholcodine	Syrup; 10 mg/ml; 0.06%; 0.12%
14.	Salbutamol Sulphate + Bromhexine Hydrochloride	Syrup (2mg+4 mg)/5ml



15.	Salbutamol + Bromhexine Hydrochloride + Guaifenesin + menthol	Syrup (2mg+4mg+100mg +1mg)/5ml
-----	--	--------------------------------

\* Any therapeutically effective combinations approved/authorized by EFDA ca be handled

**RE200 Anti-Asthmatic Medicines and Medicines for Chronic Obstructive Pulmonary Diseases**

1.	Adrenaline (Epinephrine)	Injection 1mg/ml
2.	Aminophylline	Injection 250mg/10ml
		Tablet 100mg, 200mg, 225mg, 350mg
3.	Beclomethasone Dipropionate	Oral Inhalation (aerosol) 50mcg/dose; 100mcg/dose; 200mcg/dose
4.	Betamethasone + Dexchlorpheniramine maleate	Tablet 0.25mg + 2mg
5.	Ephedrine sulphate	Injection 50mg/ml
6.	Ephedrine + Theophylline	Elixir (6mg + 30mg)/ 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.	Prednisolone	Tablet 5mg
10.	Salbutamol (Albuterol)	Oral Inhalation (aerosol) 0.1mg/dose
		Nebulizer Solution 2.5mg/2.5ml
		Syrup 2mg/5ml
		Tablet 2mg; 4mg
11.	Salbutamol + Bromhexine Hydrochloride + Guaifenesin + menthol	Syrup 2mg + 4mg + 100mg + 1mg/10ml; 1mg + 2mg + 50mg + 0.5mg/5ml
12.	Sodium cromoglycate	Capsules with inhaler 20mg
13.	Theophylline (Anhydrous Theophylline)	Elixir 33mg /15ml
		Tablet 100mg; 200mg

14.	Theophylline+ Guaifenesin	Capsule 150mg + 90mg; 300mg + 180mg
		Elixir (150mg + 90mg)/15ml
		Tablet 150mg + 90mg

#### RE300 Medicines for Allergic Rhinitis

1.	Loratadine	Tablet 10mg
		Oral solution 1mg/ml
2.	Xylometazoline	Nasal drop 0.05%; 0.1%

#### RE 400 Medicines for sarcoidosis; Interstitial Lung disease

1.	Prednisolone	Tablet 5mg
----	--------------	------------

### NS.000 Central Nervous System Medicines

#### NS100 Medicines for Pain Management and Palliative care\*

1.	Aceclofenac	Tablet 100 mg
2.	Acetaminophen/Paracetamol	Drops 100mg/ml
		Infusion 1gm in 100ml; 10mg/ml
		Oral liquid 120mg/5ml; 160mg/5m; 250mg/5ml; 500mg/5ml
		Suppository 75mg; 80mg; 125 mg; 250 mg; 325mg; 500mg; 650mg
		Tablet 80mg; 100mg; 500mg; 650mg
3.	Acetaminophen/Paracetamol + Caffeine	Tablet 500mg+30mg; 500mg+ 50mg; 500mg + 65 mg
4.	Acetylsalicylic Acid/Aspirin	Tablet 300mg
5.	Acetaminophen/Paracetamol + Pseudoephedrine HCl + Chlorpheniramine	Tablet 325mg + 15mg +1mg
		Syrup (120mg + 10mg + 1mg)/5ml; (160mg +15mg +1mg)/5ml
		Capsule 50mg+30mg+2mg

6.	Acetaminophen/Paracetamol + Diphenhydramine + Pseudoephedrine	Capsule 500mg +12.5mg+30mg
		Tablet 500mg +12.5mg+30mg
7.	Diclofenac sodium	Injection 25mg/ml; 75mg/ml
		Suppository 12.5mg; 25 mg; 50mg; 100mg
		Tablet 25mg; 50mg; 75mg; 100mg
		Capsule 50mg
		Gel 1%w/w; 3%w/w
8.	Diclofenac potassium	Tablet 12.5mg; 50mg
		Capsule 50mg
		Granule for solution 50mg/2gm
		Powder for solution 50mg
9.	Diclofenac Dimethylamine	Topical spray 1.16% w/w 100ml
		Gel 1%; 3%
10.	Diclofenac + Methyl salicylate	Gel 1% + 3%
11.	Diclofenac sodium+ Misoprostol	Tablet 50mg + 200mcg; 75mg+200mcg
12.	Ibuprofen	Oral liquid 100mg/5ml
		Capsule 200mg; 300mg; 400mg
		Tablet 200mg;300mg; 400mg; 600mg; 800mg
		Suppository 75 mg; 150mg
		Gel 5% w/w; 10%w/w
13.	Ibuprofen + Pseudoephedrine Hydrochloride + Chlorpheniramine Maleate	Tablet 200mg + 30mg +2 mg
14.	Naproxen sodium	Tablet 275mg; 550mg
15.	Naproxen + Esomeprazole	Tablet 500mg + 20mg
16.	Tramadol hydrochloride	Injection 20mg/ml; 50mg/ml; 100mg/ml
		Nasal spray 200mg/ml
		Oral drop 100mg/ml

		Capsule 50mg; 75mg; 100mg; 150mg; 200mg; 300mg
		Tablet 50mg; 75mg; 100mg; 150mg; 200mg; 300mg
*Any therapeutically effective combination of approved/authorized by EFDA can be handled		

**NS 200 Antimigraine Medicines\***

1.	Acetylsalicylic Acid	Tablet 300mg;500mg
2.	Acetaminophen/Paracetamol + Acetylsalicylic Acid + Caffeine	Tablet 250mg + 250mg + 65mg; 400mg + 250mg + 65mg
3.	Almotriptan	Tablet 6.25mg; 12.5 mg
4.	Ergotamine Tartrate	Injection 0.25mg/ml
		Tablet 1mg; 2mg
5.	Ergotamine Tartrate+ Caffeine	Tablet 1mg + 100mg
		Suppository 2mg + 100mg
6.	Ergotamine Tartrate + Caffeine Hydrate + Cyclizine Hydrochloride	Tablet 2mg+50mg+100mg
7.	Ibuprofen	Syrup/suspension 100mg/5ml
		Capsule 200mg 300mg; 400mg
		Tablet 200mg 300mg; 400mg; 600mg; 800mg
		Suppository 75 mg;150mg
8.	Metoclopramide + Acetaminophen/Paracetamol	Tablet 5mg + 500mg
9.	Paracetamol/Acetaminophen	Tablet 500mg; 650mg
10.	Propranolol	Tablet 10mg; 20mg; 40mg; 60mg; 80mg
11.	Sumatriptan	Tablet 25mg; 50mg;100mg
		Injection 12mg/ml
		Nasal spray 20mg/0.1ml
*Any therapeutically effective combination of approved/authorized drugs can be handled		

### NS 300 Hypnotics and Anxiolytics

1.	Alprazolam	Tablet 0.25mg; 0.5mg; 1mg
2.	Bromazepam	Tablet 1.5mg; 3mg; 6mg
3.	Chloral Hydrate	Capsule 500mg
		Suppository 60mg
		Syrup 250mg/5ml; 500mg/5ml; 1g/5ml
4.	Chlordiazepoxide	Tablet 2mg; 5mg; 10mg; 25mg
5.	Diazepam	Injection 5mg/ml; 10mg/ml
		Suppository 5mg; 10mg
		Syrup 2mg/5ml
		Gel 2.5mg
		Tablet 2mg; 5mg; 10mg
6.	Flurazepam Hydrochloride	Capsule 15 mg; 30mg
7.	Promethazine	Tablet 10mg; 25mg
		Suspension 5 mg/5ml
		Elixir 1mg/ml
		Suppository 25mg; 50mg
		Solution for injection 25 mg/ml

### NS. 400 Antidepressants

1.	Amitriptyline	Tablet 10mg; 25 mg; 50 mg; 75mg; 100mg; 150mg
2.	Amitriptyline + Chlordiazepoxide	Capsule 12.5mg + 5mg; 25mg+10mg
3.	Clomipramine Hydrochloride	Capsule 10mg; 25mg; 50mg
		Tablet 10mg; 25mg; 50mg
4.	Fluoxetine	Capsule 20mg
5.	Imipramine	Tablet 10mg; 25mg
6.	Nortriptyline	Tablet 10mg; 25mg
		Capsule 10mg; 25mg; 50mg; 75mg

		Oral Solution 10mg/5ml
7.	Sertraline Hydrochloride	Tablet 50mg; 100mg

#### NS. 500. Anticonvulsants

1.	Acetazolamide	Tablet 125mg; 250mg
2.	Carbamazepine	Tablet 100mg; 200mg; 400mg
		Suspension 100mg/5ml
3.	Clonazepam	Injection 1mg/ml
		Tablet 0.5mg; 1mg; 2mg
		Syrup 0.5mg/5ml
4.	Diazepam	Injection 5mg/ml; 10mg/ml
		Suppository 5mg; 10mg
		Syrup 2mg/5ml
		Gel 2.5mg
		Tablet 2mg; 5mg; 10mg
5.	Diphenylhydantoin (Phenytoin)	Capsule 50mg; 100mg
		Oral suspension 125 mg/5ml
		Powder for injection (sodium); 250mg/vial
		Tablet 50mg; 100mg
		Injection 50mg/ml (Sodium Salt)
6.	Magnesium Sulphate	Injection 10%; 20%; 50%
7.	Paraldehyde	Injection 2ml; 5ml, 10ml
8.	Phenobarbitone (Phenobarbital)	Capsule 50mg; 100mg
		Injection (Sodium) 50mg/ml
		Suppository (Sodium) 30mg; 60mg
		Elixir 20mg/5ml

#### NS. 600. Antipsychotic Medicines

1.	Buspirone	Tablet 5mg; 10mg
2.	Chlorpromazine Hydrochloride	Drops 25mg/ml; 40mg/ml

		Injection 25mg/ml; 50mg/ml
		Syrup 25mg/5ml
		Tablet 25mg; 50mg; 100mg
3.	Fluphenazine Decanoate	Injection (Depot. Oily) 25mg/ml
4.	Fluphenazine Hydrochloride	Tablet 1mg
5.	Haloperidol	Injection 5mg/ml
		Oral liquid 2mg/ml
		Tablet 1mg; 1.5mg; 2mg; 5mg
6.	Haloperidol Decanoate	Injection (Depot. Oily) 50mg/ml; 100mg/ml
7.	Olanzapine	Tablet 2.5mg; 5mg; 7.5mg; 10mg; 15mg; 20mg
		Powder for injection 10mg/2ml
8.	Risperidone	Tablet 1mg; 2mg; 3mg; 4mg; 6mg
		Powder for injection 50mg (Depot)
		Injection 1mg/ml
		Oral Liquid 1mg/ml
9.	Thioridazine Hydrochloride	Tablet 10mg; 25mg; 100mg
10.	Trifluoperazine Hydrochloride	Capsule 2mg; 10mg
		Tablet 1mg; 2mg; 5mg
		Injection 1mg/ml; 2mg/ml
		Syrup 1mg/5ml

**NS.700. Antiparkinson's medicines/ Medicines for Drug Induced movement Disorder**

1.	Benzhexol (Trihexyphenidyl Hydrochloride)	Tablet 2mg; 5mg
2.	Diphenhydramine Hydrochloride	Tablet 250mg; 500mg
		Injection 50mg/ml

## AA000 Medicines Used in Anesthesia

### AA200 Local Anesthetics

1.	Bupivacaine	Solution for injection 0.25%w/v; 0.5% w/v
		Solution for injection (in Dextrose) 5 mg/ml
		Spinal Heavy Solution for Injection 5 mg/ml
2.	Ethyl Chloride	Spray 50ml
3.	Lidocaine Hydrochloride	Cartridges 2% in 1.8ml
		Injection 0.5%; 1%; 2%; 5% 20mg/ml
		Jelly 2% in 30ml
		Ointment 5% in 10gm
		Spray 2%; 4%; 10% in 80g
4.	Lidocaine Hydrochloride + Adrenaline (Epinephrine)	Injection 1%+1:200; 000 in 20ml vial; 2%+1:200;000 in 20ml vials

## MS000 Medicines for Musculoskeletal and Joint Diseases

### MS.100 Antirheumatics

1.	Acemetacin	Capsule 30mg; 60mg; 90mg
2.	Acetaminophen + Acetylsalicylic Acid +Caffeine	Tablet 250mg +250mg+65mg; 200mg + 400mg + 65mg
3.	Acetylsalicylic Acid	Tablet 75mg; 100mg; 300mg; 324mg; 500mg
4.	Diclofenac Dimethylamine	Gel 1%; 30gm
5.	Diclofenac Sodium	Injection 25mg/ml; 75mg/ml
		Suppository 12.5mg; 25 mg; 50mg; 100mg
		Tablet 25mg; 50mg; 75mg; 100mg
		Capsule 50mg
		Gel 1%w/w; 3%w/w
6.	Diclofenac Sodium +Misoprostol	Tablet 50mg+200mcg



7.	Etofenamet	Gel 5%; 10%
		Cream 10%
		Lotion 10%
		Spray 100mg/ml (18mg/dose)
8.	Ibuprofen	Syrup/suspension 100mg/5ml
		Capsule 200mg; 300mg; 400mg
		Tablet 200mg; 300mg; 400mg; 600mg; 800mg
		Suppository 75 mg;150mg
9.	Indomethacin	Syrup 25mg/5ml; 100mg/5ml
		Capsule 25mg; 50mg; 75mg
		Suppository 100mg
		Tablet 25mg
10.	Meloxicam	Tablet 7.5mg; 15mg
		Capsule 5mg; 10mg
		Injection 15mg/1.5ml, 30mg/ml
11.	Naproxen	Tablet 200mg;220mg; 250mg; 375mg; 500mg
		Suspension 125mg/5ml
12.	Naproxen + Esomeprazole	Tablet 500mg + 20mg
13.	Nimesulide	Tablet 100mg; 200mg
14.	Piroxicam	Capsule 10mg; 20mg
		Suppository 20mg
		Tablet 10mg; 20mg
15.	Sulphasalazine	Tablet 500mg
16.	Tenoxicam	Suppository 20mg
		Tablet 20mg

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

1.	Allopurinol	Tablet 100mg
2.	Colchicine	Injection 0.5mg/ml

		Tablet 0.5mg
3.	Ibuprofen	Tablet 200mg; 400mg
4.	Indomethacin	Capsule 25mg Suppository 100mg
5.	Probenecid	Tablet 500mg

### MS300 Diseases Modifying Antirheumatic Medicines

1.	Chloroquine Phosphate	Tablet 150mg
----	-----------------------	--------------

### MS400 Skeletal Muscle Relaxants

1.	Baclofen	Tablet 5mg; 10mg; 20mg
2.	Dantrolene sodium	Tablet 25mg; 50mg
3.	Diazepam	Injection 10mg/ml 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 Antibacterial

#### AI.101 Penicillins

1.	Amoxicillin (access)	Capsule 250mg; 500mg; Tablet 500mg; 750mg; 1000mg Tablet (dispersible) 125mg; 250mg Oral powder for suspension 125mg/5ml; 250mg/5ml Injection/vial 250mg; 500mg
----	----------------------	---

2.	Amoxicillin + Clavulanic Acid	Oral suspension (125mg+31.25mg)/5ml; (200mg+28.5mg)/5ml; (250mg+62.5mg)/5ml; (400mg+57mg)/5ml;
		Tablet 125mg+31.25mg; 250mg+62.5mg; 250mg +125mg; 500mg +125mg; 875mg+125mg
		Capsule 500mg +125mg; 875mg+125mg
		Injection 500mg +100mg; 1000mg + 200mg
3.	Ampicillin (access)	Drop 100mg/ml
		Capsule 250mg; 500mg
		Oral suspension 125mg/5ml; 250mg/5ml
		Injection (sodium) 250mg; 500mg; 1000mg
4.	Ampicillin Sodium + Cloxacillin Sodium	Capsule 125mg+125mg; 250mg+250mg
		Injection (250mg + 250mg), (500mg + 500mg)
		Suspension (125mg +125mg)/5ml
5.	Ampicillin Sodium + Sulbactam Sodium (Watch)	Injection 500mg + 250mg; 1gm+500mg; 2gm +1gm
6.	Carbenicillin	Powder for Injection 1000mg; 5000mg
		Tablet (as Indanyl Sodium) 382 mg
7.	Cloxacillin Sodium (Access)	Capsule 250mg; 500mg
		Injection 250mg; 500mg
		Syrup 125mg/5m; 250mg/5ml
8.	Flucloxacillin	Capsule 250mg; 500mg
		Injection 250mg; 500mg
		Syrup 125mg/5ml
9.	Nafcillin	Intravenous (IV) infusion 1gm;2gm
		Powder for injection 1gm; 2gm
10.	Oxacillin	Injection 1gm/50ml; 2gm/50ml
		Powder for injection 1gm; 2gm; 10gm
11.	Penicillin G Benzathine (Access)	Injection 0.6 million IU; 1.2 million IU; 2.4 million IU

12.	Penicillin G Sodium Crystalline (Access)	Injection 1 million IU; 5 million IU; 10 million IU; 20 million IU
13.	Penicillin V (Phenoxymethyl Penicillin)	Oral liquid 125mg/5ml; 250mg/5ml Tablet 125mg; 250mg; 500mg
14.	Penicillin VK (Phenoxy methyl penicillin Potassium)	Suspension 195mg/5ml Tablet 390 mg
15.	Procaine Penicillin Fortified	Powder for injection 4,000,000 IU
16.	Sultamicillin (Ampicillin Sulbactam Double Ester)	Tablet 375 mg; 750mg

#### AI 102. Cephalosporins

1.	Cefaclor	Capsule 250mg; 500mg; 750mg Suspension 125mg/5ml; 250mg/5ml
2.	Cefadroxil	Oral solution 125mg/5ml; 250mg/5ml Tablet 500mg; 1000mg
3.	Cefazolin (Access)	Powder for Injection 500mg; 1gm; 2gm
4.	Cefprozil	Oral solution 125mg/5ml; 250mg/5ml Tablet 500mg; 1gm
5.	Ceftriaxone	Injection 0.25gm; 0.5gm; 1gm; 2gm
6.	Cefuroxime (Watch)	Capsule 125mg; 250mg Tablet 125mg; 250mg Powder for injection 250mg; 750mg; 1.5gm Oral suspension 125mg/ml; 250mg/ml
7.	Cephalexin (Access)	Capsule 250mg; 500mg Syrup 125mg/5ml; 250mg/5ml
8.	Cephazolin Sodium	Injection 250mg; 500mg; 1gm in via
9.	Cephradine	Capsule 250mg; 500mg Intravenous (IV) Infusion 2gm/100ml; 4gm/100ml Powder for Injection 250mg; 500mg; 1gm

**AI.103 Macrolides**

1.	Azithromycin (Access)	Capsule 250mg; 500mg
		Tablet 250mg; 500mg
		Powder for oral suspension 100mg/5ml; 200mg/5ml; 500mg/5ml
		Injection 500mg; 1gm
2.	Clarithromycin (Access)	Granules for oral suspension 125mg/5ml;250mg/5ml
		Tablet 250mg; 500mg
		Powder for IV infusion 500mg
3.	Erythromycin	Capsule 250mg
		Injection (as lactobionate) 500mg, 1gm
		Oral suspension 125mg/5ml; 200mg/5ml; 250mg/5ml
		Tablet (as stearate) 250mg; 500mg

**AI.105 Aminoglycosides**

1.	Gentamicin (Access)	Injection 10mg/ml; 40mg/ml
----	---------------------	----------------------------

**AI.106 Fluoroquinolones**

1.	Ciprofloxacin (Watch)	Tablet (as hydrochloride) 100mg; 250mg; 500mg; 750mg; 1000mg
		Oral suspension 250mg/5ml; 500mg/5ml
2.	Nalidixic Acid	Tablet 500mg
		Oral suspension 200mg/5ml;
3.	Norfloxacin (Access)	Tablet 400mg
4.	Ofloxacin	Tablet 200 mg; 300mg; 400 mg
		Injection 200mg/100ml

**AI 107 Tetracyclines**

1.	Doxycycline (Access)	Capsule 100mg
		Tablet 100mg
		Oral liquid 25mg/5ml; 50mg/5ml
2.	Minocycline Hydrochloride	Capsule 50mg; 100mg

		Injection 100mg
		Powder for oral 1gm
3.	Tetracycline Hydrochloride	Capsule 250mg; 500mg
		Injection 100mg; 250mg; 500mg
		Tablet 250mg; 500mg

### AI.108 Amphenicols

1.	Chloramphenicol	Syrup 125mg/5ml; 250mg/5ml
		Capsule 250mg; 500mg
		Injection (sodium succinate) 0.5gm; 1gm
		Oral suspension 125mg/5ml
		Oily suspension for injection (as sodium succinate) 0.5gm in 2ml ampule
2.	Thiamphenicol	Capsule 250mg
		Tablet 250mg

### AI109 Sulfonamides/ Sulphonamides

1.	Sulphamethoxazole + Trimethoprim (Access)	Injection 400 mg + 80mg /5ml;
		Mixture (dispersible) (200mg + 40mg)/5ml
		Tablet 100mg + 20mg; 400mg + 80 mg; 800 mg + 160mg;
2.	Sulfadiazine	Tablet 500mg

### AI110 Other Antibacterials

1.	Fusidic Acid	Powder for injection 580mg
2.	Metronidazole (Access)	Intravenous infusion 5mg/ml in 100 ml
		Capsule 250mg; 500mg
		Tablet 250mg; 500mg
		Oral liquid 125mg/5ml (benzoate)

		Suppository 500mg; 1gm
3.	Nitrofurantoin (Access)	Capsule (microcrystal) 50mg; 100mg
		Oral suspension 0.5% W/V
		Tablet 50mg; 100mg
4.	Spectinomycin	Injection 2gm

#### AI200 Antifungals

1.	Amphotericin B (Reserve)	Lozenges 10mg
		Oral suspension 100mg/ml
2.	Clotrimazole	Powder 1%
		Mouth Paint 1%
		Troches 10mg
		Lozenge 10mg
		Tablet (vaginal) 100mg; 500mg
3.	Fluconazole	Capsule 50mg; 100mg; 150mg; 200mg; 400mg
		Tablet 50mg; 100mg; 150mg, 200mg;
		Oral suspension 50mg/5ml; 200mg/5ml
		Injection solution (for infusion) 2mg/ml
4.	Fluconazole in Sodium Chloride	IV infusion 2 mg/ml/0.9%w/v
5.	Griseofulvin	Tablet 125mg; 250mg; 500mg
		Oral suspension 125mg/5ml
6.	Isoconazole	Tablet (vaginal) 300mg; 600mg
		Cream (vaginal) 2%
7.	Ketoconazole	Tablet 200mg
		Syrup 20mg/5ml
8.	Miconazole	Oral Gel 25mg/ml
		Tablet 50mg; 250mg
		Tablet (vaginal) 200mg; 400mg
		Suppository (vaginal); 100mg

		Intravenous infusion 10mg/ml
9.	Nystatin	Tablet 500,000 IU
		Oral suspension 100,000 IU/ml
10.	Terbinafine Hydrochloride	Tablet 125mg; 150mg; 250mg; 500mg
		Granule-125mg/sachet

#### **AI300 Antiviral**

1.	Acyclovir (Aciclovir)	Tablet 200mg 400mg
		Suspension 200mg/ml
		Powder for injection 200mg; 250mg; 500mg; 1gm
2.	Famciclovir	Tablet 125 mg; 250mg; 500mg
3.	Valaciclovir	Tablet 250mg; 500mg; 1gm
4.	Ganciclovir	Capsule 250mg; 500mg

#### **AI400 Antiprotozoals**

##### **AI401 Antimalarials**

5.	Alpha Beta Artemether	Injection 150mg/2ml
6.	Artemether	Oral suspension 80mg/ml
		Injection 20mg/ml; 40mg/ml; 80mg/ml
		Suppository 40mg
7.	Artemether + lumefantrine	Tablet (dispersible) 20mg +120mg; 40mg + 240mg
		Tablet 20mg +120mg; 40mg + 240mg; 80mg +480mg
		Dry powder for oral suspension 3mg +18mg/ml
8.	Chloroquine Phosphate	Tablet 250mg (150mg base); 500mg (300mg base)
		Syrup 80mg /5ml (50mg/5ml base);
		Injection as hydrochloride 50mg/ml (40mg /ml base)
9.	Dihydroartemisinin	Tablet 40mg; 60mg
10.	Dihydroartemisinin + Piperaquine Phosphate	Tablet 40mg + 320mg



11.	Mefloquine Hydrochloride	Tablet 250mg
12.	Primaquine Phosphate	Tablet 7.5 mg base; 15mg base
13.	Sulfadoxine +	Injection (500mg + 25mg)/2.5ml ampoule
	Pyrimethamine	Tablet 500mg +25mg

#### AI402 Medicines for Amoebiasis

1.	Diloxanide Furoate	Tablet 250mg; 500mg
2.	Metronidazole	Intravenous Infusion 5mg/ml
		Powder for injection 250mg; 500mg
		Tablet 250mg; 500mg
		Capsule 250mg; 500mg
		Suspension 125mg/5ml; 200mg/5ml
3.	Ornidazole	Tablet 500mg
4.	Tinidazole	Tablet 250mg; 500mg

#### AI403 Medicines used for Giardiasis

1.	Metronidazole	Oral suspension 125mg/5ml; 200mg/5ml
		Tablet 250mg; 500mg
		Capsule 250mg; 500mg
2.	Ornidazole	Tablet 500mg
3.	Tinidazole	Tablet 250mg; 500mg

#### AI404 Anti-leishmania Medicines

1.	Amphotericin B	Lozenges 10mg
		Oral suspension 100mg/ml
2.	Hexadecyl phosphocholine	Capsule 10mg; 50mg
3.	Pentamidine Isethionate	Powder for injection 200mg/vial; 300mg/vial
		Powder for nebulizer solution 300mg
4.	Meglumine antimoniate	Tablet 250mg
		Injection 1.5gm/5ml
5.	Paromomycin	Injection 375mg/ml
		Capsule 250mg

6.	Sodium Stibogluconate	Injection 100mg/ml
----	-----------------------	--------------------

#### AI.405 Trypanocides

1.	Pentamidine Isethionate	Powder for injection 200mg
----	-------------------------	----------------------------

#### AI405 Medicines for Toxoplasmosis

1.	Clindamycin	Capsule 75mg; 150mg
		Injection 150mg/ml
		Oral Solution 15mg/ml
2.	Primaquine Phosphate	Tablet 7.5mg; 15mg
3.	Pyrimethamine	Tablet 25mg
4.	Sulphamethoxazole + Trimethoprim	Tablet (dispersible) 100mg +20mg
		Suspension (200mg + 40mg)/5ml
		Tablet 400mg + 80mg; 800mg + 160mg
		Injection (80mg + 16mg)/ml
5.	Sulphamethoxazole + Pyrimethamine	Injection (500mg + 25 mg)/2.5ml
		Tablet 500mg + 25mg
6.	Sulfadiazine + Folinic Acid	Tablet 500mg + 15mg

#### AI.500 Anthelmintics

#### AI501 Filaricides

1.	Diethylcarbamazine citrate	Tablet 50mg; 100mg
2.	Ivermectin	Tablet 3mg; 6mg
		Cream 1%
3.	Primaquine	Tablet 7.5mg; 15mg

#### 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 (chewable) 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/5ml; 622.5mg/5ml; 700mg/5ml; 750mg/5ml; 937.5 mg/5ml; 1gm/5ml
		Tablet (adipate) 300mg; 400mg
6.	Pyrantel Pamoate	Oral suspension 250mg/5ml (base)
		Tablet 125mg; 700mg
7.	Thiabendazole	Oral Suspension 500mg/5ml
		Tablet 500mg
8.	Secnidazole	Tablet 500mg

**ED 000. Endocrine Medicines****ED.200 Corticosteroid Preparations**

1.	Betamethasone	Tablet 0.5mg
		Injectable suspension 4mg/ml, 6mg/ml
		Oral Solution 0.6mg/5ml
2.	Dexamethasone	Injection 2 mg/ml; 3.3mg/ml; 4 mg/ml; 8 mg/ml; 10mg/ml; 25 mg/ml; 50 mg/ml;
		Tablet 0.5mg; 0.75mg; 1mg; 1.5mg; 2mg; 4mg; 6mg; 20 mg
		Elixir/Oral solution 0.5mg/5ml; 10mg/5ml, 20mg/5ml
3.	Fluticasone Furoate	Nasal Spray 27.5mcg
4.	Hydrocortisone	Injection (Sodium Succinate) 50mg/ml; 125 mg/ml

		Powder for Injection 25mg/ampoule; 100mg/vial; 250mg/vial; 500mg/ vial
		Tablet (Acetate) 5mg; 10mg; 20mg
5.	Prednisolone	Injection (Sodium Phosphate) 10mg/ml; 25mg/ml
		Tablet 1mg; 2mg; 2.5mg; 3.5mg; 5mg; 10mg; 20mg; 25 mg; 30mg; 50mg
		Suppository 5mg as sodium phosphate ester
		Oral solution 5 mg/5ml; 10 mg/5ml; 15 mg/5ml; 20mg/5ml; 25mg/5ml
6.	Triamcinolone Acetonide	Injection 10mg/ml; 20mg/ml; 40mg/ml
		Tablet 4mg
		Intranasal 55mcg/spray

**ED.400 Medicines for the management of Blood Sugar /Insulin and Oral Antidiabetic Agents/**

1.	Biphasic Insulin ( <b>BP</b> )*	Injection (highly purified); 100 units/ml
2.	Biphasic Isophane Insulin (Soluble/Isophane mixture)	Injection 100U/ml (30/70 %; 50/50 %)
3.	Insulin lispro/Insulin protamine (Equivalent to 3.5mg insulin lispro)	Injection 100U/ml (25/75%; 50/50%)
4.	Insulin Soluble/Neutral (HPB)	Injection 100U/ml
5.	Insulin Zinc Suspension (Insulin Lente) (HPB)*	Injection 100U/ml
6.	Isophane/NPH Insulin (HPB)*	Injection 100U/ml
7.	Insulin Lispro	Injection 100u/ml (equivalent to 3.5mg Insulin lispro)
8.	Acarbose	Tablet 25mg; 50mg; 100mg
9.	Tolbutamide	Tablet 500mg

10.	Chlorpropamide	Tablet 100mg; 250mg
11.	Glibenclamide (also known as Glyburide)	Tablet 1.25mg; 2.5mg; 5mg
12.	Gliclazide	Tablet 30mg; 40mg; 60mg; 80mg
13.	Metformin	Tablet 500mg; 850mg; 1000mg
		Extended release 500mg; 750mg
		Solution (hydrochloride) 100mg/ml
		Oral suspension (extended-release) 47.31g/473,l per bottle; 500mg/ml (reconstituted Suspension)
<i>*HPB stands for Human; porcine; and Bovine while BP stands for Bovine and porcine</i>		

#### **ED.700 Contraceptives**

##### **ED.701 Combined Oral Contraceptives**

1.	Drospirenone +Ethinyl estradiol	Tablet 3mg +0.02mg; 3mg +0.03mg
2.	Levonorgestrel + Ethinyl estradiol 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 (10 tablet)
3.	Norethindrone (Norethisterone) + Ethinylestradiol	Monophasic/ Biphasic/Triphasic/ multiphaic tablet 0.5mg+0.035mg; 1mg+0.035mg
4.	Norethindrone (Norethisterone) + Mestranol + Ferrous Fumarate	Tablet 0.5mg + 0.035mg + 75mg ; 1mg +0.05mg + 75mg

##### **ED.702 Progestogen Only Contraceptives**

1.	Ethinodiol Diacetate	Tablet 0.5mg
2.	Etonogestrel	Implant (Subdermal) 68 mg

3.	Levonorgestrel	Implant Capsule (Subdermal) 75mg/capsule; 108mg/capsule
		Tablet 0.03mg (minipill); 0.75mg; 1.5mg
4.	Lynestrenol	Tablet 0.5 mg
5.	Medroxyprogesterone Acetate	Injection (aqueous suspension); 150mg/ml; 400mg/ml
		Prefilled syringe suspension 104mg/0.65ml
		Tablet 2.5mg; 5mg; 10mg
6.	Norethindrone (Norethisterone)	Tablet 0.35 mg; 5mg
	Norethindrone (Norethisterone)	Injection (Oily, as enanthate); 200mg/ml ampoule
7.	Progesterone	Vaginal gel 8%w/w
		Vaginal inset 100mg
		Capsule (micronized) 100mg, 200mg

#### ED.703 Contraceptive Devices and Barriers

1.	Condom male (latex)	180mm x 53mm
2.	Condom female (polyurethane)	-
3.	IUCD (Intrauterine Contraceptive Device)	Levonorgestrel releasing 52mg/rod; 75 mg/rod
		Copper T380A
4.	Menfegol	Tablet (Vaginal, foaming) 60mg
5.	Nonoxynol (Nonoxynol-9 Vaginal)	Gels 3%, 4%
		Foams 12.5%
		Insert 100mg
		Film 28% (280mg)
6.	Octoxinol	Creams, Foams, Gels 5% Pessaries

## OG000 Obstetrics and Gynecological Medications

1.	Betamethasone	Injection: 4mg/ml, 6mg/ml
2.	Bupivacaine Hydrochloride	Injection solution 0.25% w/v; 0.5% w/v
		Solution for injection (in dextrose) 5mg/ml; 7.5mg/ml
		Spinal heavy solution for injection 5mg/ml
3.	Clotrimazole	Cream (Vaginal) 1%
		Tablet (Vaginal) 100mg; 500mg
4.	Dexamethasone	Injection 4mg/ml
5.	Dinoprostone (Prostaglandin E2)	Tablet (Vaginal) 3mg
		Suppository (Vaginal) 3 mg; 10mg; 20 mg
		Vaginal Insert 10mg
		endocervical Gel 0.5mg/3gm (3gm)
6.	Ergometrine Maleate / Ergonovine Maleate	Injection 0.25 mg/ml; 0.5 mg/ml
		Tablet 0.25mg; 0.5mg
7.	Isoconazole	Tablet(vaginal) 300mg; 600mg
		Cream (Vaginal) 1%; 2%
8.	Magnesium Sulphate	Injection 40mg/ml; 80mg/ml; (2%; 5%; 10%; 20%; 50%) w/v
9.	Methylergometrine Maleate	Injection 0.2mg/ml
		Tablet 0.125mg; 0.2mg
10.	Metronidazole	Intravenous infusion 5mg/ml
		Syrup 4% W/V; 250mg/5ml
		Tablet 200mg; 250mg; 400mg; 500mg
		Tablet (vaginal); 500mg
		Capsule 250mg
11.	Metronidazole +Miconazole	Vaginal pessary 500mg +100mg; 750mg +200mg;
12.	Miconazole Nitrate	Tablet (vaginal) 200mg; 400mg
		Suppository (Vaginal) 100mg
		Cream (Vaginal) 2%

13.	Mifeprstone	Tablet 200mg; 300mg
14.	Misoprostol	Tablet 100mcg; 200mcg; 400mcg; 600mcg; 800mcg
		Tablet (Vaginal) 25mcg
15.	Misoprostol + Mifepristone	Tablet 200mcg + 200mg
16.	Nifedipine	Tablet 10mg; 20mg
17.	Nystatin	Cream (vaginal) 100,000 IU
		Vaginal tablet 100,000 IU
18.	Oxytocin	Injection 1unit/ml; 5unit/ml; 10unit/ml
19.	Oxytocin + Ergometrine Maleate	Injection 5Units +500mcg/ml
20.	Salbutamol	Injection 0.5mg/ml
		Tablet 2mg
21.	Tetracycline + Amphotericin B	Tablet (Vaginal) 100mg + 50mg
22.	Methyldopa	Tablet 250mg; 500mg
		Injectable solution 50mg/ml

## **BL000 Blood Products and Medicines Affecting the Blood**

### **BL200 Antiplatelets**

1.	Acetylsalicylic Acid (Aspirin)	Tablet 75mg; 81mg; 100mg; 300mg
		Capsule 81mg; 350mg
2.	Acetylsalicylic Acid + Omeprazole	Tablet 81mg+40mg; 325mg+40mg
3.	Clopidogrel	Tablet 75mg; 100mg; 300mg

### **BL300 Hemostatic Agents**

1.	Phytomenadione (Vitamin K1)	Injection 1mg/0.5ml; 10mg/ml
----	-----------------------------	------------------------------

### **BL400 Antianemic Agents**

1.	Calcium Folate (Leucovorin Calcium)	Powder for injection 15mg/ml
----	-------------------------------------	------------------------------



		Solution for injection 3mg/ml; 7.5mg/ml 10mg/ml
		Tablet 5mg; 15mg; 25mg
2.	Cyanocobalamin (Vitamin B12)	Injection 100mcg/ml; 1000mcg/ml
		Tablet 100mcg; 250mcg; 500mcg; 1000mcg
		Sublingual tablet 2500mcg
3.	Ferrous Salt ∞	Capsule (WHO recommended dose)
		Tablet (WHO recommended dose)
		Drop (WHO recommended dose)
4.	Ferrous Salt∞ + Folic Acid	Capsule (sulphate)150mg + 0.5mg; 60mg +0.4mg
		Tablet (sulphate) 150mg +0.5mg
5.	Folinic Acid (Leucovorin)	Tablet 15mg
6.	Folic Acid	Tablet 0.2mg; 0.4mg; 0.8mg; 1mg; 2.5mg; 5mg;
		Oral solution 2.5mg/5ml
7.	Iron Gluconate +Manganese- Gluconate +Copper Gluconate	Oral solution 5mg+1.33mg+0.77mg
8.	Ferric ammonium citrate + Folic acid+ cyanocobalamin + cupric sulphate + magnesium sulfate	Syrup 160mg + 0.5mg + 7.5mg + 30mg+ 0.03mg
∞Any ferrous salt containing elemental form of accepted therapeutic value		

#### **BL600 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 + Na <sup>+</sup> + K <sup>+</sup> + Ca <sup>++</sup> + Cl <sup>-</sup>	Solution 35g + 145mmol + 5.1mmol + 6.25mmol + 145mmol/1000ml

## FE000 Medicines for Correcting Fluid, Electrolyte and Acid-Base Disturbances

### FE.100 Oral\*

1.	Calcium		Tablet (ionizable) 500mg	
			Effervescent Tablet 1g	
2.	Calcium Glubionate + Calcium Galactogluconate		Syrup 28.75g +5.9g/100ml	
3.	Calcium Gluconate		Tablet 50mg; 500mg; 650mg	
			Capsule 500mg	
			Effervescent Tablet 1gm	
			Syrup 4g/15ml	
4.	Calcium Lactate		Tablet 300mg	
5.	Calcium Carbonate		Tablet 600mg	
			Tablet (chewable) 500mg; 750mg; 1000mg; 1500mg	
6.	Oral Rehydration Salt		Powder each sachet for 1 litre contains:	
		Gram/Liter		mmol/Liter
	Sodium Chloride	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
7.	ReSoMal		Powder each sachet for 2 liter contains:	

	Ingredients	mEq/L
	Glucose	125
	Sodium	45
	Potassium	40
	Chloride	70
		294mEq/Liter
8.	Potassium Chloride	Tablet 300mg; 500mg; 600mg; 750mg; 780mg; 1000mg; 1500mg
9.	Sodium Bicarbonate	Tablet 325; 500mg; 600mg; 650mg
10.	Sodium Chloride	Tablet 600mg; 650mg; 1000mg
11.	Sodium Chloride + potassium chloride+ Sodium citrate + Anhydrous glucose +Zinc sulphate	Powder for solution 21.8g Co-pack of 21.8g powder for solution (sachet)+ tablet of 20mg zinc sulphate
12.	Zinc Acetate	Tablet 20 mg
*Any therapeutically effective salts/ strengths approved/authorized by EFDA can be handled.		

#### FE. 200 Parenteral

1.	Calcium chloride	Injection 10% (100mg/ml); 14.7% (as dihydrate)
2.	Calcium Gluconate	Injection 10%w/v (100mg/ml)
3.	Dextrose/Glucose	Injection 2.5%; 5%; 10%; 40%; 50%
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

		$K^+$ 4mEq + $Na^+$ 130mEq + $Ca^{++}$ ; 3mEq + $Cl^-$ 110mEq + Lactate 28mEq in 1000ml
5.	Ringer's Solution	Intravenous Infusion Each contains: $Na^+$ 147mEq + $K^+$ 4mEq $Cl^-$ 155mEq; $Ca^{++}$ 5mEq in 500ml; 1000ml Injectable solution; each 1000ml contains: $Na^+$ 147mEq + $K^+$ 4mEq + $Ca^{++}$ 456mEq $Cl^-$ 155mEq in 500ml; 1000ml
6.	Lactated Ringer's and dextrose	$K^+$ 4mEq + $Na^+$ 130mEq + $Ca^{++}$ ; 5mEq + $Cl^-$ 110mEq + Lactate 28mEq + 5% dextrose in 1000ml
7.	Magnesium Chloride	Injection 200mg/ml
8.	Potassium Chloride	Injection 100mg/ml (10%); 150mg/ml (15%)
9.	Sodium Lactate	Injection 560mg/ml (5mEq/ml)
10.	Sodium Chloride	Injection 0.45%; 0.9% (Normal Saline); 3%; 30%

### FE.300 Enteral Nutrition

1.	Calcium Caseinate
2.	Soya- based non-milk preparations
	Phospholipids from soya-beans (containing phospholipid or 76% (3-sn-phosphatidyl) choline)

### VT000 Vitamins

#### VT100 Vitamins; Single

1.	Ascorbic Acid (Vitamin C)	Drops/Oral Solution 100mg/ml 200mg/ml Injection solution 50mg/ml; 100mg/ml; 200mg/ml; 250mg/ml; 500mg/ml Tablet 100mg; 250mg; 500mg; 1000mg
2.	Calciferol (Ergocalciferol /Vitamin D2)	Injection 300,000units/ml Oral solution 8,000units/ml; 20,000units/ml; 400,000units/ml

		Tablet (strong); 400IU; 2000Units; 50,000 units; 100,000IU
		Capsule 1,000IU; 5,0000IU
3.	Cholecalciferol (Vitamin D3)	Capsule 1,000IU; 3,000IU; 50,00IU; 10,000IU; 25,000IU; 50000IU
		Tablet 1,000IU; 25,000IU
		Oral drop 400IU; 2400IU
		Injection 300,000IU/ml; 600,000IU
4.	Cyanocobalamin (vitamin- B12)	Injection 100mcg/ml; 1,000mg/ml;;
		Tablet 50mcg 100mcg; 250mcg; 500mcg; 1000mcg
		Tablet (sublingual) 2,500mcg
5.	Folic Acid	Injection 5 mg/ml
		Tablet 200mcg; 400mcg; 800mcg; 1000mcg; 2.5mg; 5mg
6.	Mecobalamin (Methyl Cobalamin)	Tablet 500mcg, 1,500mcg
		Injection 500mcg
7.	Menadiol Sodium Diphosphate	Injection 10mg/ml
		Tablet 10mg;
8.	Nicotinamide (Vit B3)	Injection 5mg/ml;10mg/ml; 100mg/ml
		Ointment 4%
		Tablet 100mg; 250mg; 500mg
9.	Nicotinic Acid (Vit B3)	Injection 10mg/ml; 50mg/ml
		Tablet 50mg; 100mg; 250mg; 500mg; 750mg; 1000mg
		Capsule 250mg; 500mg
10.	Phytomenadione (Vitamin K1)	Injection 1mg/0.5ml; 10mg/ml
		Tablet 0.1mg; 5mg; 10mg
11.	Pyridoxine Hydrochloride (Vitamin B6)	Injection 50mg/ml; 100mg/ml; 150mg/ml
		Tablet 25mg; 40mg; 50mg; 100mg; 300mg; 500mg
		Capsule 250mg

12.	Riboflavin (Vitamin B2)	Capsule 50mg; 400mg
		Tablet 25mg 50mg; 100mg
13.	Thiamine Hydrochloride (Vitamin B1)	Tablet 5mg; 10mg; 100mg; 300mg
		Injection 25mg/ml; 50mg/ml; 100mg/ml
14.	Vitamin A	Capsule 7,500IU; 8,000IU; 10,000IU; 25,000IU; 50,000IU; 100,000IU
		Oral Solution 50,00IU/ml; 150,000IU/ml
		Tablet 10,000IU; 15,000IU; 50,000IU; 100,000IU; 200,000IU
		Injection under 200,000IU/ml

#### VT.200 Vitamins; Combinations

1.	Vitamin A+D	Capsule 4000 IU + 400 IU
----	-------------	--------------------------

#### VT201 Vitamin B Complex Preparations

1.	Vitamin B1 + B6 + B12	Tablet 100mg +200mg+1mg, 100mg +100mg+5mg
		Injection 100mg +200mg+1mg, 100mg +100mg+1mg
2.	Thiamine + Pyridoxine	Tablet 100mg+ 200mg

#### VT202 Multivitamin Preparations

1.	Multivitamins	Tablet
		Syrup

#### VT. 203 Multivitamin with Minerals and/or Extracts\*

1.	Multivitamin with Minerals and/or Extracts	Tablet
		syrup
		drops

\*Any combinations proven to be therapeutically effective and approved by EFDA can be acceptable.

## AL000 Antihistamines and Antiallergics

### AL100 Medicines for Allergy

1.	Acetaminophen + Pseudoephedrine + Chlorpheniramine	Tablet 325mg + 15mg + 1mg
2.	Budesonide	Nasal Spray 32mcg; 64mcg
3.	Cetirizine	Oral solution 1mg/ml
		Tablet 5mg; 10mg
		capsule 10mg Soft gelatin
4.	Chlorpheniramine Maleate	Syrup 2mg/5ml
		Tablet 2mg; 4mg; 5mg; 6mg; 10mg
		Solution for injection 10mg/ml
5.	Desloratadine	Tablet 2.5mg; 5mg
		Syrup 0.5mg/ml
6.	Dexchlorpheniramine Maleate	Tablet 2mg; 4mg; 6mg
		Syrup 2mg/5ml
7.	Dexchlorpheniramine Maleate + Betamethasone	Tablet 2mg + 0.25mg
8.	Dimenhydrinate	Tablet 50mg
		Injection 50mg/ml
9.	Diphenhydramine Hydrochloride	Tablet 12.5mg; 25mg; 50mg
		Capsule 25mg; 50mg
		Elixir/syrup 12.5mg/5ml
		Injection 50mg/ml
10.	Levocetirizine	Tablet 5mg
		Oral Solution 2.5mg/5ml
11.	Loratadine	Syrup 5mg/5ml

		Oral liquid 1mg/ml
		Tablet 5mg; 10mg
12.	Loratadine +Pseudoephedrine	Tablet 5mg +120mg; 10mg + 240mg
13.	Pheniramine	Tablet 25mg; 50mg; 75mg
14.	Promethazine Hydrochloride	Elixir 5mg/5ml
		Syrup 6.25mg/5ml
		Injection 25mg/ml; 50mg/ml
		Suppository 25mg; 50mg
		Tablet 10mg; 25mg
15.	Triprolidine Hydrochloride	Elixir 2mg/5ml;
		Oral liquid 0.313mg/ml; 0.5mg/ml; 0.625mg/ml
		Tablet 1.25mg; 2.5mg; 10mg

#### AL200 Medicines Used in Allergic Emergencies

1.	Adrenaline (Epinephrine)	Injection 0.1mg/ml (1:10,000); 1mg/ml (1:1,000)
2.	Hydrocortisone (Sodium Succinate)	Powder for injection 50mg; 100mg, 250mg; 500mg; 1000mg
3.	Promethazine Hydrochloride	Injection 25mg/ml; 50mg/ml

## OP 000 Ophthalmic Agents

### OP300 Ophthalmic Anti-infective

#### OP301 Ophthalmic Antibacterials

1.	Azithromycin	Tablet 250mg, 500mg
		Capsule 250mg; 500mg
		Eye drop 1%; 1.5%
2.	Chloramphenicol	Eye ointment 1%; 5%
		Eye drops 0.4%; 0.5%; 1%; 5%



3.	Ciprofloxacin	Eye drops 0.3%
		Eye ointment 0.3%
4.	Cloxacillin Benzathine	Eye ointment 16.7%
5.	Erythromycin	Eye ointment 0.5%
		Eye drops 1%
6.	Gentamycin	Eye drops 0.3%
		Ointment 0.3%
7.	Neomycin Sulphate	Eye ointment 0.5%; 1%; 2%
8.	Norfloxacin	Eye drops 0.3%
9.	Oxytetracycline Hydrochloride	Eye ointment 0.5%
10.	Ofloxacin	Eye drops 0.3%
11.	Polymyxin B + Bacitracin	Eye ointment (10,000U +500U)/gm
12.	Sulfacetamide Sodium	Eye drop 10%, 15%, 30%
		Eye Ointment 10%
13.	Tetracycline	Eye ointment 1%
		Eye drops 1%

### OP302 Ophthalmic Antivirals

1.	Acyclovir	Eye ointment 3%
2.	Ganciclovir	Tablet/Capsule 250, 500mg
		Gel 0.15%

### OP303 Antifungal

1.	Amphotericin B	Eye drops 0.1% to 0.5%
		Eye ointment 0.3%; 2%; 3%
2.	Econazole	Eye drops 1%
3.	Natamycin	Eye drops 5%
4.	Nystatin	Eye ointment 1%

**OP400 Anti-inflammatory and Antiallergics****OP401 Ophthalmic Non-steroidal anti-inflammatory**

1.	Bromfenac	Eye drops 0.07%; 0.075%; 0.09%; 0.1%; 1%
2.	Diclofenac Sodium	Eye drops 0.1%
3.	Flurbiprofen	Eye drops 0.03%
4.	Indomethacin	Eye drops 0.5%; 1%
5.	Ketorolac	Eye drops 0.4%; 0.5%
6.	Suprofen	Eye drops 0.5%; 1%

**OP402 Ophthalmic Anti-histamines**

1.	Levocabastine	Eye drops 0.05%
----	---------------	-----------------

**OP 403: Ophthalmic Antihistamine and Vasoconstrictor**

1.	Oxymetazoline Hydrochloride	Eye drops 0.025%; 0.05%; 0.1%
2.	Tetrahydrozoline Hydrochloride	Eye drops 0.05%

**OP 405 Steroid Anti-inflammatory**

1.	Dexamethasone	Eye drops 0.1%
2.	Prednisolone	Eye drops 0.12%; 0.25%; 1%

**OP500 Anti-Infective/Anti-inflammatory Combinations**

3.	Gentamicin +Betamethasone	Eye drops 0.3% + 0.1%
4.	Gentamicin +Dexamethasone	Eye drops 0.3% + 0.1%
5.	Oxytetracycline Hydrochloride+ Hydrocortisone Acetate + Polymyxin B Sulphate	Eye drops 5mg + 15mg + 10,000U/ml
		Ointment (5mg + 10mg + 10,000U)/ml; 5mg/ml + 10mg/ml + 10,000U/gm

**OP 600: Ophthalmic Local Anesthetics**

1.	Lidocaine Hydrochloride	Injection 1%; 2%
2.	Lidocaine Hydrochloride + Adrenaline	Injection 1% or 2% + 1: 1000 IU
3.	Procaine Hydrochloride	Injection 2%

		Eye drop 0.5%
4.	Tetracaine Hydrochloride	Eye drops 0.5%; 1%

#### OP 700: Ophthalmic Diagnostics and Miscellaneous Agents

1.	Artificial tear (Carboxymethyl Cellulose + Hydroxypropyl Methyl Cellulose)	Isotonic Ointment
		Isotonic Drops
2.	Balanced salt solution	Eye drops 15ml; 30ml; 500ml
3.	Hydroxypropyl Methylcellulose	Eye drops 0.3%; 0.5%; 1%; 2.5%
		Injection 2% vial

### EN 000: Ear, Nose and Throat

#### EN 100: Nasal and Oropharyngeal Preparations

1.	Acyclovir	Cream 5%
		Ointment 5%
2.	Adrenaline	Inhalation 1mg/2.5ml normal saline solution
3.	Amyl-Meta-Cresol + Dichlorobenzyl Alcohol	Lozenges 0.6mg + 1.2mg
4.	Antazoline + Naphazoline	Solution (Nasal drops) 0.5% +0.025%
5.	Beclomethasone Dipropionate	Nasal Spray (aerosol) 50mcg/dose
6.	Chlorhexidine Gluconate	Oral Solution 0.12%
7.	Clotrimazole	Troches 10mg
		Drops 100ml
		Spray 100ml
		Mouth paint 1%
8.	Dequalinium Chloride	Lozenge 0.25mg
9.	Ephedrine Sulphate	Solution (Nasal drops) 1%
10.	Gentian Violet	Solution 1%
11.	Hexetidine	Solution 0.1%
12.	Hexidine	Oral Solution 1mg/ml (1%); 0.2%
13.	Hydrogen Peroxide	Solution 1.5%; 3%

14.	Menthol + Eucalyptus Oil + Light Magnesium Carbonate	Inhalation 2% +10% 7%
15.	Miconazole	Oral Gel 25mg/ml
16.	Nystatin	Pastilles 100,000 units
		Suspension 100,000 units/ ml
		Oral gel 100,000 IU/gm
		Cream 100,000 IU/gm
17.	Oxymetazoline Hydrochloride	Jelly 0.05%
		Nasal Solution 0.05%; 0.1%
18.	Phenylephrine	Nasal drops 0.25%; 0.5%; 1%
19.	Povidone-Iodine	Solution 1%
20.	Pseudoephedrine Hydrochloride	Syrup 30mg/ml
21.	Pseudoephedrine +Loratadine	Tablet 120mg +5mg
22.	Saline Spray/solution	Hypotonic 0.1%
		Isotonic Solution 0.9%
		Hypertonic 3%
23.	Thymol + Methylsalsilate + Ethanol	Oral Solution 0.639gm +0.6gm +27% Solution
		Nasal drop 0.05%; 0.1%
24.	Xylometazoline Hydrochloride	Spray 0.025%; 0.05%; 2.5%
		Nasal drops; 0.05%; 0.1%

#### EN 200: Otic Agents

1.	Acetic Acid	Solution (ear drops) 2%
2.	Carbamide peroxide	Ear drop 5%; 6.5%; 10%
3.	Chloramphenicol	Solution (ear drops) 1%; 2%; 5%
4.	Ciprofloxacin	Ear drops 0.2% 0.3%
5.	Clioquinol +Flumethasone Pivalate	Ear drops 1% + 0.02%
6.	Clotrimazole	Ear drops 1%
		Mouth paint 1%w/v

		Troches 10mg
7.	Dichlorobenzene + Turpentine Oil + Chlorbutol	Ear drops 2% + 10% + 5%
8.	Gentamicin	Ear drops 0.3%
9.	Hydrogen Peroxide	Solution 3%
10.	Oxytetracycline	Ear drop 0.5%
11.	Oxytetracycline Hydrochloride Hydrocortisone Acetate + Polymyxin B sulphate	Ear drop 5mg +15mg+10.000U/ml

## DE.000 Dermatological agents

### DE.100 Anti-infective, Topical

1.	Acyclovir	Ointment 5%
		Cream 5%
2.	Benzoic Acid+ Salicylic Acid	Ointment 6% +3%; 12% +6%
3.	Benzyl Benzoate	Lotion 25%
		Cream 12.50%
4.	Boric Acid + Magenta+ Phenol +Resorcinol +Alcohol 90% +Acetone	Solution (800mg +400mg +4gm +8gm +8.5ml+4ml)/100ml
		Solution 90.00%
5.	Clindamycin Phosphate	Topical Solution 1%
		Gel 1%
6.	Clioquinol	Cream 3%
		Ointment 3%
7.	Clotrimazole	Cream 1%
		Solution 1%
		Topical Powder 1%
		Ointment 1%
8.	Crotamiton	Cream 10%
		Lotion 10%

9.	Erythromycin	Cream 2%
		Ointment 1%; 2%
		Solution 1.5%; 2%
10.	Fusidic Acid/ sodium fusidate	Cream 2%
		Ointment 2%
11.	Gamabenzene Hexachloride	Cream 1%
12.	Gentamycin	Cream 0.1%; 1%
		Ointment 0.3%; 1%
13.	Gentian Violet	Solution 0.5%; 1%
14.	Isoconazole	Cream 1%; 2%
		Capsule 100mg
15.	Ketoconazole	Cream 2%
		Gel 2%
		Foam 2%
		Lotion 2%
		Shampoo 1%; 2%
		Ointment 2%
16.	Ketoconazole +Zinc Pyrithione	Shampoo 2% +1% w/w
17.	Malathion	Shampoo 1%
		Lotion 1%
18.	Metronidazole	Cream 0.75%; 1% w/w
		Gel 1%
		Vaginal gel 0.75%; 1.3%
		Lotion 0.75%; 1%
19.	Miconazole Nitrate	Cream 2%
		Lotion 2%
		Tincture 2%
		Oral Gel 25 mg/ml; 20mg/ml
20.	Mupirocin	Ointment 2%

		Cream 2%
21.	Neomycin + Bacitracin	Ointment 3.5mg +400 IU; 5mg+400IU
		Powder 0.25% +9.5%
		Oral solution 10 mg/ml
22.	Nitrofurazone	Gauze
		Ointment 2%
23.	Nystatin	Cream 100,000IU/g
		Ointment 100,000IU/g
		Powder 100,000IU/g
		Oral Suspension 100,000 units/ml
24.	Paromomycin	Cream 15%
25.	Permethrin	Cream 5%
		Lotion 1%; 5%
26.	Selenium Sulphide	Topical Suspension 2.5%
27.	Silver Sulphadiazine	Cream 1%
28.	Sulphur	Ointment 5%; 10%
29.	Terbinafine	Cream 1%
		Solution 1%
30.	Tetracycline	Ointment 3%
31.	Tolnaftate	Solution 1%
		Spray 0.068%
32.	Zinc Undecenoate + Undecanoic Acid	Ointment 20% +5%
		Powder 20% +2%
		Powder (aerosol) 20% +2%

### DE200 Anti-inflammatory, Topical

1.	Dexamethasone sodium phosphate	Cream 0.10%
2.	Diclofenac Diethylamine + Methylsalicylate + menthol	Gel 1.16% + 10% + 5%
3.	Fluocinolone Acetonide	Cream 0.01%; 0.025%; 0.03%
		Ointment 0.025%; 0.03%
		Solution 0.01%
4.	Fluocinonide	Cream 0.05%
		Ointment 0.05%
		Gel 0.10%
5.	Fluocortolone pivalate + Lidocaine Hydrochloride	Cream (1mg + 20mg)/ml
		suppository (1mg+40mg)/unit
6.	Hydrocortisone Acetate	Cream 1%
		Ointment 1%
7.	Methyl Prednisolone +Acepionate	Ointment 0.1%
		Cream 0.1%; 1%
8.	Nimesulide	Gel (transdermal) 1%
9.	Triamcinolone acetonide	Ointment 0.1%
		Creams 0.03%; 0.1%; 1%
		Paste 0.1%

### DE300 Anti-infective/Anti-inflammatory Combinations

1.	Clioquinol + Hydrocortisone	Cream 3% + 0.5%; 3% + 1%
		Ointment 3% + 0.5%; 3% + 1%
2.	Clotrimazole + Hydrocortisone	Cream 1% +1%
		Ointment 1% +1%
3.	Dexamethasone Acetate + clotrimazole	Cream 0.4mg + 100mg



4.	Neomycin + Hydrocortisone + polymyxin B sulphate + Bacitracin	Ointment 3.5mg + 10mg + 10,000IU + 400IU/per 1g
----	---	---

**DE400 Keratolytics /Caustics and Antiacne Agents**

1.	Aminolevulinic acid	Powder for solution 20%
		Gel 78mg/gm
		Lotion 2.5%; 3.5%; 7%
		Cream 2.5%; 5.5%; 6%; 7%; 10%
2.	Benzoyl peroxide	Gel 2.5%; 4%; 5%, 8%; 10%
		Solution 2.5%; 5%, 10%
		Lotion 2.5%; 3.5%; 7%
		Cream 2.5%; 5.5%, 6%; 7%; 10%
3.	Camphor	Cream 3.1%
		Ointment 10%; 11%
		Topical Liquid 10%
4.	Coal Tar	Ointment 2%; 5%;
		Gel 0.5%; 2.9%
		Lotion 25%
5.	Coal Tar + Salicylic Acid	Ointment 2%+2%; 2%+5%; 2%+10%
6.	Glutaraldehyde	Solution 10%
7.	Lactic acid	Cream 10%; 20%
		Lotion 10%
8.	Podophyllin	Solution 25%
9.	Retinoic Acid (Tretinoin)	Cream 0.02%; 0.025%; 0.03%
		Gel 0.01%; 0.025%; 0.03%
		Lotion 0.025%; 0.05%; 0.03%; 0.05%
		Ointment 0.05%
10.	Salicylic Acid	Ointment 2%; 5%; 10%
		Cream 2%; 6%; 10%; 15%; 20%

11.	Salicylic Acid+ Lactic Acid + Polidocanol	Tincture (2gm+0.5gm+0.2gm)/10gm
12.	Salicylic Acid +Betamethasone Dipropionate	Ointment 2% +0.05%; 2% +0.06%; 2%+0.064 % Lotion 2% +0.06%; 2%+0.064 %

#### DE500 Medicines for Psoriasis and Eczema

1.	Acitretin	Capsule 10mg; 25mg
2.	Doxepin	Cream 5%
3.	Ichthammol	Ointment 10%; 20%
4.	Sunscreen	With SPF 30+ (UVA+UVB block)
5.	Zinc Oxide	Lotion 15%
		Ointment 15%
		Cream 15%
		Paste 15%; 20%
6.	Zinc Oxide +Talc	Paste 15% +25%
7.	Zinc Pyrithione	shampoo 0.25%

#### DE600 Antipruritics

1.	Calamine	Lotion 5%
2.	Calamine + Zinc Oxide	Cream 4%+3%
		Lotion 8%+8%; 15%+5%
3.	Urea	Cream 10%; 15%; 20%; 40%

#### DE900 Dermatological, Systemic

1.	Acitretin	Capsule 10mg; 25mg
2.	Monobenzolne hydroquinone	Tablet 10mg
3.	Isotretinoin	Capsule 20 mg
4.	Tretinoin / Isotretinoin	Capsule 10 mg

### DE1000 Skin Disinfecting Agents

1.	Alcohol based hand rub	Solution containing ethanol 80%
		Solution containing isopropyl alcohol 75%
2.	Chlorhexidine Gluconate + Cetrimide	Solution 1.5%+15%; 0.3%+3%w/v
3.	Ethyl Alcohol/Ethanol	Solution 70%;
4.	Hydrogen Peroxide	Solution 3%; 6%
5.	Iodine	Solution 2% W/W
6.	Potassium Permanganate	Tablet (for solution) 50mg; 120mg; 200mg; 250mg; 300mg
7.	Povidone Iodine	Solution 4%; 7.5%; 10%

### DE1100 Dermatological, others

1.	Aminacrine (Aminocaridine) + Alantoin	Cream 0.0695% + 2%
2.	Menthol	Gel 4%
3.	Methyl salicylate*	
4.	Methyl salicylate + Menthol	Cream 25%+5%
5.	Minoxidil	Solution 20mg/ml (2%); 5%
6.	Paraffin Guaze Dressing	
7.	Talc Dusting Powder	
	<i>* Any rubifacient proven to be therapeutically effective can be used.</i>	

### IM000 Immunological Preparations

1.	Diphtheria antitoxin	10ml vial
2.	Hepatitis B Vaccine; inactivated	Injection 16.5%
3.	Hepatitis B Vaccine Recombinant yeast DNA	Injection 16.5%
4.	Human Anti rabies Immunoglobulin	Injection 150IU/ml

5.	Human Papilloma Virus Vaccine	Injection HPV6L1 20mcg +HPV11L140mcg+ HPV16L1 20mcg +HPV18L120mcg /0.5ml dose
6.	Immune Serum Globulin Human (Gamma Globulin; Human)	Injection 16.50%
7.	Rabies Antiserum; Equine	Injection 200units
8.	Rabies Vaccine	Injection 100ml in vial
9.	Rabies Vaccine, Duck Embryo	Injection 100ml in vial
10.	Rabies (Human Diploid Cell) Vaccine	Injection 2.5IU/ml
11.	Scorpion Venon Antisera (Scorpion Anti venom)	Injection 0.5ml
12.	Snake Venom Antiserum Polyvalent	Injection 10ml
13.	Tacrolimus	Capsule 500mcg; 1mg; 2mg; 5mg
		Infusion 5mg/ml
		Ointment 0.1%; 0.3%
14.	Tetanus Antitoxin; Equine	Injection 1500Units; 3000Units; 20000Units

### AD000 Antidotes and Other Substances used in poisoning

1.	Acetylcysteine (N- Acetylcysteine)	Tablet (effervescent) 200mg; 500; 600mg; 1000mg
		Nebulizer solution 10%; 20%
		Oral solution 100mg/ml
		Injection 200mg/ml
2.	Activated Charcoal	Powder for reconstitution: 5gm/120ml; 15gm/120ml; 30gm
		Tablet 125mg; 250mg
		Capsule 260mg
		Suspension 15gm
		Gel 300ml
3.	Atropine Sulphate	Injection 600mcg/ml; 1mg/ml
4.	Calcium Folate /leucovorin	Tablet 5mg; 15mg; 25mg

		Injection 3mg/ml;7.5mg/ml;10mg/ml;15mg/ml; 50mg/ml; 75mg/ml
5.	Calcium Gluconate	Tablet 50mg; 500mg; 650mg Syrup 4mg/5ml Injection 10%
6.	Deferasirox	Tablet 250mg; 400mg; 500mg
7.	Deferoxamine/Desferrioxamine mesylate	Injection 500mg; 2000mg
8.	Dimercaprol	Injection 5%
9.	D-Penicillamine/ Penicillamine	Tablet 250mg Capsule 250mg
10.	Flumazenil	Injection 0.1mg/ml
11.	Glucagon	Injection 1mg/vial
12.	Ipecac	Syrup 7% Powdered
13.	Phytomenadione (Vitamin K1)	Injection 1mg/0.5ml;1mg/ml; 10mg/ml Tablet 10mg
14.	Physostigmine Salicylate	Injection 1mg/ml
15.	Pralidoxime Chloride	Injection 1000mg Tablet 500mg
16.	Protamine Sulphate	Injection 10mg/ml; 250mg/10ml
17.	Sodium Calcium Edetate	Injection 200mg/ml
18.	Sodium Nitrite	Injection 3% (30mg/ml)
19.	Sodium Thiosulphate	Injection 10%
20.	Univesal Antidote Powder (Charcoal + Tannic Acid + Magnesium Oxide)	Powder (2 parts + 1 part + 1 part)/sachet

## MI000 Miscellaneous

1.	Aluminum Sulphate +Calcium Hypochlorite + Sodium Carbonate	Water treatment powder in the ratio of 23:1:1 by weight
2.	Amylmetacresol + Dichlorobenzyl alcohol	Lozenge 0.6mg +1.2mg
3.	Anticoagulant Citrate (ACD Solution) Sodium Citrate + Citric Acid +Dextrose	Solution 1.32gm +0.44gm +1.47gm
4.	Aquatabs	Tablet 8.68mg;8.5mg; 1.67mg for water purification
5.	Calcium Hypochlorite + Iron Sulphate	Sachet Water treatment powder (0.546%)
6.	Calcium Hypochlorite + Iron Sulphate + Bentonite + Potassium Permanganate Polyacrylamide + Sodium bicarbonate	Water treatment powder
7.	Chlorohexidine	Gel 7.1% Mouth Wash 0.2%
8.	Chlorohexidine + Benzocaine	Mouth wash 5mg +2mg Antiseptic + Analgesic
9.	Formaldehyde	Solution 3%; 8%
10.	Glutaraldehyde	Solution 2%
11.	Halazone	Tablet 4mg
12.	Hydroxyethyl Cellulose (KY Jelly)	
13.	Iodized Salt	
14.	Iohexol	Diagnostic/contrasting agent 140mg/ml;180mg/ml; 200mg/ml; 240mg/ml;300mg/ml Injection 300ml
15.	Oxidized Cellulose	
16.	Saccharin	Tablet
17.	Sodium Chloride Free Salt	
18.	Sodium Dichloroisocyanurate	Tablet 67mg; 75mg

19.	Sorbitol	Solution 5%
20.	Supportive hepatic preparation that contains: essential phospholipids and vitamins	
21.	Water for Injection	2ml; 5ml; 10ml
22.	Zinc Acetate	Tablet 20mg

## Annex I

List of individuals that have contributed in drafting, reviewing, validating and editing of the 5th edition of Medicine Retail Outlet Lists

<b>Sr. No</b>	<b>Name of CWS participant</b>	<b>Institution</b>
1.	Amsalu Gulle	W/sodo university
2.	Andargachew Wubet	Gishen
3.	Assefa Belay	Gonder University
4.	Dereje Mengistu	EHIA
5.	Dinkneh Bikila	CHAI
6.	Dr. Shemsu Umer	SOP-AAU
7.	Edessa Diriba	FMOH
8.	Fekede Bekele	JU
9.	H/mariam Argaw	Kenema
10.	Hadis lisanework	UNICEF
11.	Mariamawit Teshome	FMOH
12.	Meles Tekie	Mekelle University
13.	Mengisteab W.Aregay	WHO
14.	Million Tirfe	EFDA
15.	Selamawit Dagne	EFDA
16.	Senait Shimelis	Red cross
17.	Shimelis Ayele	EPSA
18.	Shimelis Mengistu	EFDA
19.	Solomon Shiferaw	EFDA
20.	Tesfaye Anose	EFDA
21.	Teshita Shute	EFDA
22.	Theodros fenta	EFDA
23.	Tsegamlak Zerihun	EDA
24.	Wondie Alemu	EFDA/PSM
25.	Wondwosen Shewarega	FMOH
26.	Yenenesh Kassaye	EFDA
27.	Yosef Dufera	JO-winner
28.	Yosef Getachew	EFDA



<b>Sr. No</b>	<b>Name of CWS participant</b>	<b>Institution</b>
1.	Abraha Getahun	EFDA
2.	Alem Estifanos	MCM /Korean Hospital
3.	Alemwork Eshete	EFDA
4.	Amakelech Lulu	EPA
5.	Assefa Beyi	Oromia RHB
6.	Chali Jalala	EDA
7.	Dabesa Jemal	SNNPR RHB
8.	Daniel Mitiku	Wollega Univesity
9.	Desalegn Dana	EDA
10.	Dessie Lake	EFDA
11.	Dr. Jilcha Diriba	SPHMMC/ESHO
12.	Dr. Shemsu Umer	SOP-AAU
13.	Ejig Desalegn	AAEFMHACA
14.	Getachew Assfaw	MOH
15.	Getnet kaba	EMA
16.	Habte Bekele	ESOG
17.	Hamere Tamiru	CURE International Inc.
18.	Kefyalew Ture	EFDA
19.	Kidanemariam G/Michael	EFDA
20.	Legesse Wedajo	JSI
21.	Melkamu Belachew	Sidama RHB
22.	Mesfin Teshome	EFDA
23.	Million Tirfe	EFDA
24.	Mohammed Ibrahim	DD RHB
25.	Mosisa Kuma	EDA
26.	Remedan Ebrahim	Harari RHB
27.	Shimeles Mengistu	EFDA
28.	Shimelis Mekit	Arsi University
29.	Solomon Shiferaw	EFDA
30.	Temesgen Aferu	MTU
31.	Tesfaye Yeheyis	MOH
32.	Theodros Fenta	EFDA
33.	Tigist Berhe	EFDA
34.	Wendim Melkam	BDU
35.	Wondie Alemu	EFDA

# Index

## A

Acarbose .....	30
Aceclofenac .....	11
Acemetacin .....	18
Acetaminophen.....	9, 11, 12, 13, 14, 18, 40
Acetaminophen + Pseudoephedrine.....	9, 40
Acetate.....	6, 29, 31, 37, 44, 46, 50, 56
Acetazolamide .....	15
Acetic Acid.....	46
Acetylcysteine .....	54
Acetylsalicylic Acid.....	12, 13, 18, 34
Acetylsalicylic Acid/Aspirin.....	12
Acitretin .....	51, 52
Activated charcoal .....	6
Activated Charcoal .....	54
Acylovir.....	25, 43, 45, 47
Adrenaline .....	9, 10, 17, 42, 44, 45
Adrenaline (Epinephrine).....	9, 10, 17, 42
Albendazole.....	28
Alcohol based hand rub .....	52
alginic acid.....	1
Allopurinol.....	19
Almotriptan.....	13
Alpha Beta Artemether .....	26
Alprazolam .....	14
Aluminum Hydroxide.....	1
Aluminum Sulphate .....	55
Ambroxol Hydrochloride.....	9
Aminacrine (Aminocaridine) + Alantoin .....	52
Aminolevulinic acid.....	50
Aminophylline .....	10
Amitriptyline .....	15
Amlodipine .....	7
Ammonium Chloride .....	10
Amoxicillin.....	xviii, 20
Amoxicillin + Clavulanic Acid.....	xviii, 20
Amphotericin B .....	24, 27, 34, 43
Ampicillin.....	xviii, 20, 21
Ampicillin Sodium + Cloxacillin Sodium.....	20
Ampicillin Sodium + Sulbactam Sodium (Watch).....	20
Amylmetacresol.....	55
Antazoline + Naphazoline.....	45
Aquatabs .....	55
Artemether .....	26
Artemether + lumefantrine.....	26
Ascorbic Acid .....	38

Atropine sulphate .....	3
Atropine Sulphate.....	54
Azithromycin .....	xviii, 22, 42

## B

Bacitracin .....	50
Baclofen .....	19
Balanced salt solution.....	44
Balsam Peru .....	6
Beclomethasone Dipropionate.....	10, 45
Benzhexol.....	17
Benzoic Acid+ Salicylic Acid .....	47
Benzoyl peroxide .....	50
Benzyl Benzoate.....	6, 47
Betamethasone .....	6, 10, 29, 32, 41, 44, 51
Betamethasone valerate.....	6
Biphasic Insulin (BP)* .....	30
Bisacodyl.....	4
Bismuth Oxide .....	6
Bismuth subgallate compound .....	6
Bismuth Subsalicylate .....	5
Bromfenac.....	43
Bromhexine Hydrochloride .....	9, 10, 11
Budesonide.....	40
Bupivacaine.....	17, 32
Buspirone .....	16

## C

Caffeine.....	12, 13, 18
Calamine .....	52
Calciferol.....	38
Calcium .....	1, 34, 35, 36, 37, 38, 54, 55
Calcium Carbonate.....	1, 36
Calcium Folate .....	34, 54
Calcium Folate /leucovorin .....	54
Calcium Glubionate + Calcium Galactogluconate .....	35
Calcium Gluconate .....	36, 37, 54
Calcium Hypochlorite .....	55
Calcium Lactate .....	36
Camphor .....	50
Captopril.....	7
Carbamazepine .....	15
Carbamide peroxide .....	46
Carbenicillin.....	20

Carbocisteine .....	9
Cascara Sagrada .....	4
Castor oil .....	4
Cefaclor .....	21
Cefadroxil .....	21
Cefazolin.....	xviii, 21
Cefprozil .....	21
Ceftriaxone .....	xviii, 22
Cefuroxime .....	xviii, 22
Cephalexin .....	xviii, 22
Cephazolin Sodium.....	22
Cephadrine.....	22
Cetirizine .....	40
Chloral Hydrate .....	14
Chloramphenicol.....	23, 42, 46
Chlordiazepoxide.....	2, 14, 15
Chlordiazepoxide + Clidinium Bromide .....	2
Chlorhexidine Gluconate .....	45, 52
Chlorhexidine .....	55
Chlorhexidine + Benzocaine.....	55
Chloroquine Phosphate .....	19, 26
Chlorpheniramine .....	9, 12, 13, 40, 41
Chlorpromazine Hydrochloride .....	3, 16
Chlorpropamide .....	30
Cholecalciferol.....	38
Cimetidine .....	2
Cinchocaine .....	6
Ciprofloxacin .....	xviii, 22, 42, 46
Clarithromycin.....	xviii, 22
Clindamycin.....	xviii, 27, 47
Clioquinol .....	46, 47, 50
Clomipramine Hydrochloride .....	15
Clonazepam .....	15
Clopidogrel .....	34
clotrimazole .....	50
Clotrimazole .....	24, 32, 45, 46, 47, 50
Cloxacillin Benzathine.....	42
Cloxacillin Sodium .....	21
Coal Tar .....	51
Colchicine.....	19
Condom female.....	32
Condom male.....	32
Crotamiton .....	47
Cyanocobalamin .....	34, 39

## D

Dantrolene sodium.....	19
------------------------	----

Deferasirox.....	54
Deferoxamine.....	54
Dequalinium Chloride .....	45
Desloratadine .....	41
Dexamethasone .....	29, 32, 44, 49, 50
Dexchlorpheniramine .....	9, 10, 41
Dextran .....	35
Dextromethorphan Hydrobromide .....	9
Dextrose .....	17, 35, 37, 55
Diazepam .....	14, 15, 19
Dichlorobenzyl alcohol .....	55
Diclofenac + Methyl salicylate.....	12
Diclofenac Diethylamine.....	49
Diclofenac Dimethylamine.....	12, 18
Diclofenac potassium .....	12
Diclofenac sodium .....	12
Diclofenac Sodium.....	18, 43
Diethylcarbamazine citrate.....	28
Dihydroartemisinin.....	26
Dihydroartemisinin + Piperazine Phosphate .....	26
Diloxanide Furoate .....	26
Dimenhydrinate.....	3, 41
Dimercaprol .....	54
Dinoprostone.....	32
Diphenhydramine .....	10, 12, 17, 41
Diphenylhydantoin .....	15
Diphtheria antitoxin.....	53
Docusate sodium .....	4
Dopamine Hydrochloride.....	9
Doxepin.....	51
Doxycycline .....	xviii, 23
Doxylamine succinate + pyridoxine hydrochloride.....	3
D-Penicillamine.....	54
Drospirenone +Ethinyl estradiol.....	31
Drotaverine.....	3

## E

Econazole .....	43
Enalapril maleate.....	7, 8
Ephedrine + Theophylline.....	10
Ephedrine sulphate .....	10
Ephedrine Sulphate.....	45
Ergometrine Maleate .....	33
Ergotamine Tartrate.....	13
Erythromycin .....	22, 42, 47
Esculoside .....	6
Esomeprazole .....	2, 13, 19
Ethyl Alcohol/Ethanol.....	52

Ethyl Chloride.....	17
Ethynodiol Diacetate.....	31
Etofenamet.....	18
Etonogestrel.....	31

## F

Famciclovir.....	25
Famotidine.....	2
Felodipine.....	8
Ferrous Salt ∞.....	34
Flucloxacillin.....	21
Fluconazole.....	24, 25
Flumazenil.....	54
Fluocinolone Acetonide.....	49
Fluocinonide.....	49
Flucortolone pivalate + Lidocaine.....	49
Fluoxetine.....	15
Fluphenazine Decanoate.....	16
Fluphenazine Hydrochloride.....	16
Flurazepam Hydrochloride.....	14
Flurbiprofen.....	43
Fluticasone Furoate.....	29
Folic Acid.....	35, 39
Folinic Acid (Leucovorin).....	35
Formaldehyde.....	55
Fosinopril.....	8
Framycetin.....	6
Furosemide.....	7, 8
Fusidic Acid.....	24, 47

## G

Gamabenzene Hexachloride.....	47
Ganciclovir.....	25, 43
Gentamicin.....	xviii, 22, 44, 46
Gentamycin.....	42, 47
Gentian Violet.....	45, 48
Glibenclamide.....	30
Gliclazide.....	30
Glucagon.....	54
Glucose Anhydrase.....	36
Glutaraldehyde.....	51, 55
Glycerin.....	4
Glyceryl guaiacolate.....	9
Griseofulvin.....	25
Guaicolsulphonate.....	9
Guaifenesin.....	9, 10, 11

## H

Halazone.....	55
Haloperidol.....	16
Haloperidol Decanoate.....	16
Hepatitis B Vaccine.....	53
Hexadecyl phosphocholine.....	27
Hexetidine.....	45
Hexidine.....	45
Human Anti rabies Immunoglobulin.....	53
Human Papilloma Virus Vaccine.....	53
Hydralazine.....	7, 8
Hydrochlorothiazide.....	7, 8
Hydrocortisone.....	6, 29, 42, 44, 46, 50
Hydrogen Peroxide.....	45, 46, 52
Hydroxyethyl Cellulose.....	56
Hydroxypropyl Methylcellulose.....	44
Hyoscine.....	3

## I

Ibuprofen.....	12, 13, 18, 19
Ichthammol.....	51
Imipramine.....	15
Immune Serum Globulin Human.....	53
Indomethacin.....	18, 19, 43
Insulin Lispro.....	30
Insulin Lispro.....	30
Insulin Soluble.....	30
Insulin Zinc Suspension.....	30
Iodine.....	52
Iodized Salt.....	56
Iohexol.....	56
Ipecac.....	54
Ipratropium Bromide.....	10
Isoconazole.....	25, 33, 48
Isophane.....	30
Isoprenaline Sulphate.....	10
Isosorbide dinitrate.....	7
Isotretinoin.....	52
Isradipine.....	8
IUCD.....	vi, 32
Ivermectin.....	28

## K

Ketoconazole.....	25, 48
-------------------	--------

Ketorolac .....43

---

## L

Lactated Ringer's .....37  
Lactic acid.....51  
Lactulose.....4  
Levamisole.....28  
Levocabastine .....44  
Levocetirizine .....41  
Levonorgestrel.....31, 32  
Levonorgestrel + Ethinyl estradiol.....31  
Lidocaine HCl.....6  
Lidocaine hydrochloride.....6  
Lidocaine Hydrochloride .....17, 44  
Liquid Paraffin.....4  
Lisinopril .....7, 8  
Loperamide.....5  
Loratadine.....11, 41, 46  
Lubiprostone.....4  
Lynestrenol.....31

---

## M

Magnesium Hydroxide .....1  
Magnesium Oxide.....1, 55  
Magnesium Trisilicate .....1, 4, 16, 33, 38, 45, 55  
Malathion.....48  
Mannitol .....8  
Mebendazole.....28  
Mebeverine .....3  
Meclizine Hydrochloride .....3  
Mecobalamin .....39  
Mefloquine Hydrochloride.....26  
Meglumine antimoniate .....27  
Meloxicam .....18  
Menadiol Sodium Diphosphate .....39  
Menfegol.....32  
menthol .....10, 11, 49  
Menthol.....45, 53  
Methyl Cellulose.....4, 44  
Methyl salicylate\*.....53  
Methyldopa .....8, 34  
Methylergometrine Maleate .....33  
Methylsalicylate.....49  
Metoclopramide .....4, 14  
Metoclopramide Hydrochloride.....4  
Metrifonate .....28

Metronidazole .....xviii, 24, 26, 27, 33, 48  
Miconazole.....25, 33, 45, 48  
Mifepristone .....33  
Minocycline Hydrochloride .....23  
Minoxidil.....53  
Misoprostol .....12, 18, 33  
Monobenzolone hydroquinone.....52  
Multivitamins .....40  
Mupirocin .....48

---

## N

Nafcillin .....21  
Nalidixic Acid .....23  
Naproxen .....13, 19  
Naproxen sodium .....13  
Natamycin .....43  
Neomycin .....42, 48, 50  
Neomycin + Bacitracin.....48  
Neomycin Sulphate .....42  
Niacin (Vitamin D<sub>3</sub>) .....7  
Nicardipine.....8  
Niclosamide .....28  
Nicotinamide .....39  
Nicotinic Acid .....39  
Nifedipine.....8, 33  
Nimesulide .....19, 50  
Nitrofurantoin.....xviii, 24  
Nitrofurazone .....48  
Nizatidine .....2  
Nonoxonyl.....32  
Norethindrone .....31  
Norfloxacin .....xviii, 23, 43  
Nortriptyline .....15  
Nystatin .....25, 33, 43, 45, 48

---

## O

Octoxinol.....32  
Ofloxacin.....23, 43  
Olanzapine .....16  
Omega-3-fatty acid.....7  
Omeprazole.....2, 34  
Oral Rehydration Salt.....5, 36  
Ornidazole .....26, 27  
Orphenadrine Citrate .....19, 20  
Oxacillin.....21  
Oxamniquine .....28

62

Oxidized Cellulose.....	56
Oxybutynin .....	3
Oxymetazoline Hydrochloride.....	44, 45
Oxytetracycline.....	43, 44, 46
Oxytetracycline Hydrochloride.....	43, 44, 46
Oxytocin .....	33

---

## P

Pancreatin .....	5
Pantoprazole .....	2
Paraffin Guaze Dressing .....	53
Paraldehyde .....	16
Paromomycin.....	27, 49
Penicillin G Benzathine .....	21
Penicillin G Sodium Crystalline .....	21
Penicillin VK .....	21
Pentamidine Isethionate.....	27
Permethrin .....	49
Pheniramine .....	41
Phenobarbitone .....	16
Phenylephrine .....	6, 9, 46
Phenylephrine HCl.....	6
Phenylephrine Hydrochloride .....	9
Pholcodine .....	10
Physostigmine Salicylate .....	55
Phytomenadione .....	34, 39, 54
Piperazine .....	28
Piroxicam.....	19
Podophyllin.....	51
Polyethylene Glycol (PEG).....	4
Polygeline + Na <sup>+</sup> + K <sup>+</sup> + Ca <sup>++</sup> + Cl <sup>-</sup> .....	35
Polymyxin B + Bacitracin.....	43
polymyxin B sulphate .....	50
Potassium Chloride.....	36, 37, 38
Potassium Permanganate .....	52, 55
Povidone-Iodine.....	46
Pralidoxime Chloride.....	55
Praziquantel .....	28
Prazosin Hydrochloride .....	8
Prednisolone .....	10, 11, 29, 44, 50
Primaquine.....	26, 27, 28
Primaquine Phosphate.....	26, 27
Procaine Hydrochloride .....	44
Procaine Penicillin Fortified .....	21
Progesterone .....	31
Promethazine .....	4, 14, 41, 42
Promethazine Hydrochloride .....	4, 41, 42
Propantheline Bromide .....	3

Propranolol.....	8, 14
Protamine Sulphate .....	55
Pseudoephedrine .....	9, 12, 13, 41, 46
Psyllium .....	4
Pyrantel Pamoate.....	28
pyridoxine hydrochloride .....	3
Pyridoxine Hydrochloride.....	39
Pyrimethamine .....	27, 28

---

## R

Rabies Antiserum .....	53
Rabies Vaccine.....	53
Ranitidine .....	2
ReSoMal.....	vi, 5, 36
Retinoic Acid .....	51
Riboflavin.....	39
Ringer's Solution .....	37
Risperidone .....	16

---

## S

Saccharin .....	56
Salbutamol .....	9, 10, 11, 33
Salbutamol (Albuterol).....	11
Salbutamol Sulphate.....	9, 10
Salicylic Acid .....	51
Saline Spray .....	46
Scorpion Venon Antisera .....	53
Secnidazole .....	29
Selenium Sulphide .....	49
Senna.....	4
Sertraline Hydrochloride .....	15
Silver Sulphadiazine.....	49
Simethicone.....	1, 6
Snake Venom Antiserum.....	53
Sodium Bicarbonate .....	37
Sodium Calcium Edetate .....	55
Sodium Carbonate.....	55
Sodium Chloride .....	25, 36, 37, 38, 56
Sodium Citrate .....	10, 55
Sodium cromoglycate.....	11
Sodium Dichloroisocyanurate .....	56
Sodium Lactate.....	38
Sodium Nitrite.....	55
Sodium nitroprusside.....	8
Sodium Stibogluconate .....	27
Sodium Thiosulphate.....	55

Sorbitol .....	4, 56
Spectinomycin .....	24
Sucralfate .....	2
Sulfacetamide Sodium .....	43
Sulfadiazine .....	24, 28
Sulfadoxine + Pyrimethamine.....	26
Sulphamethoxazole + Trimethoprim .....	xviii, 24, 27
Sulphasalazine .....	19
Sulphur .....	49
Sultamicillin.....	21
Sumatriptan.....	14
Sunscreen.....	51
Suprofen .....	43

---

## T

Tacrolimus .....	53
Talc Dusting Powder .....	53
Tenoxicam .....	19
Terbinafine.....	25, 49
Terbinafine Hydrochloride.....	25
Tetanus Antitoxin .....	53
Tetracaine Hydrochloride .....	44
Tetracycline .....	23, 34, 43, 49
Tetracycline Hydrochloride .....	23
Tetrahydrozoline Hydrochloride.....	44
Theophylline.....	11
Thiabendazole.....	28
Thiamine + Pyridoxine .....	40
Thiamine Hydrochloride (Vitamin B1).....	39
Thiamphenicol .....	23
Thioridazine Hydrochloride.....	16
Thymol + Methylsalsilate + Ethanol.....	46
Tinidazole.....	26, 27
Tolbutamide.....	30
Tolnafate.....	49
Tramadol hydrochloride .....	13

Triamcinolone acetonide .....	50
Triamcinolone Acetonide .....	29
Tribenocide + Lidocaine.....	6
Trifluoperazine Hydrochloride.....	16
Tripolidine Hydrochloride .....	42
Trisodium Citrate Dehydrate .....	36

---

## U

Univesal Antidote Powder.....	55
Urea.....	52

---

## V

Valaciclovir.....	25
Vasopressin .....	9
Vitamin A.....	39, 40
Vitamin B1+B6+B12 .....	40

---

## W

Water for Injection .....	56
---------------------------	----

---

## X

Xylometazoline .....	11, 46
----------------------	--------

---

## Z

Zinc Oxide.....	6, 51, 52
Zinc Pyrithione.....	48, 52
Zinc Sulphate .....	5, 36
Zinc Undecenoate + Undecanoic.....	49



Designed & Printed by

Falcon Print +251 11 470 9483/+251 11 470 8373