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# ESSENTIAL MEDICINES LIST

**5<sup>TH</sup>**  
REVISION  
2010

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For all enquiries or comments, write to the publishers:

The Honourable Minister,  
Federal Ministry of Health,  
Federal Secretariat Complex,  
Shehu Shagari Way,  
P.M.B. 080 Garki,  
Abuja, Nigeria

E-mail: [ndfed@yahoo.com](mailto:ndfed@yahoo.com)

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**CHAIRMAN**

Prof. Abdu-Aguye, Ibrahim [MB;BS (Ib.), M.Sc. (ABU), FMCP (Nig.)]  
Clinical Pharmacology Unit  
Department of Medicine  
Ahmadu Bello University Teaching Hospital  
Zaria

**MEMBERS**

1. Prof. Isah, Ambrose O. (MB;BS, FMCP, FWACP, MD)  
Department of Medicine  
University of Benin/Teaching Hospital  
Benin City, Nigeria
2. Prof. Okhamafe, Augustine (B.Pharm., PhD.)  
Faculty of Pharmacy  
University of Benin  
Benin City, Nigeria
3. Mrs. Anyakora, C.U. (B.Pharm.)  
Deputy Director  
NAFDAC  
Abuja
4. Pharm. Ebere, Emma O. (FPSN)  
MD/CEO  
Archy Pharmaceutical Ltd.  
Representative of the Pharmaceutical Manufacturers Group (PMG-MAN)
5. Pharm. Gana, Danjuma [B.Sc (Ahmadu Bello University), MPSN]  
Director, Pharmaceutical Services  
Ministry of Health  
Taraba State
6. Dr. Obidike, Egbuna Olakunle [MB;BS, FMC Paed., PGD (Fin.)]  
Director, Institute of Child Health  
University of Nigeria Teaching Hospital,  
Enugu.  
Representative of the Minister of Health

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7. Pharm. (Mrs.) Ojo, Adepeju A. [B.Pharm. (Ahmadu Bello University), FPSN]  
Director of Pharmaceutical Services,  
Osun State
8. Pharm. Oko, Christiana M. [B.Pharm., MBA (University of Nigeria)]  
Director of Pharmaceutical Services  
Ebonyi State Ministry of Health  
Abakaliki, Ebonyi State
9. Dr. Omatiga, Yaro Sa'idu [B.M.B.Ch. (Jos)]  
Medical Director  
Tiga Clinics and Maternity Hospital  
7, Civic Centre Road, Kano  
Medical Practitioner appointed by the Minister
10. Pharm. (Mrs.) Ugwu, Joyce A.  
Deputy Director, Food and Drugs Services Department  
Federal Ministry of Health  
Abuja

**TECHNICAL SUB-COMMITTEE**

1. Dr. Akoria, Obehi A. [MB;BS., FMCP(Nig.), MPH]  
Dept. of Medicine  
University of Benin/University of Benin Teaching Hospital  
Benin City, Nigeria
2. Dr. Mero-Asagba, Gbesimi [MB., BS. (University of Benin), M.Sc. Mother and Child Health,  
(London)]  
Mother and Child Health Consultant  
Lagos, Nigeria
3. Pharm. Obiaga Godfrey [Dip. Pharm., BSc. (Pharm.), FPSN, FPCPharm.]  
Consultant Pharmacist  
Pharmeng Nig. Ltd.  
P.O.Box 370  
Nnewi, Anambra State

**IN ATTENDANCE**

1. Pharm. Fagbemi, L.O.  
Principal Pharmacist

Department of Food and Drug  
Federal Ministry of Health  
Abuja

2. Pharm. Ibrahim, M. (B.Pharm.)  
Senior Pharmacist  
Department of Food and Drug  
Federal Ministry of Health  
Abuja
3. Pharm. (Mrs.) Wariboko, I.F [B.Pharm.(Jos), MPSN]  
Department of Food and Drug, Federal Ministry of Health  
Abuja

**WORLD HEALTH ORGANIZATION**

Dr. Taylor, Ogori (B.Pharm., MPH, PhD.)  
Pharmaceutical Advisor  
WHO, Nigeria

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## **FOREWARD**

It gives me pleasure to write the foreword of this fifth edition of the national Essential Drugs List (EDL) of which the first edition was published in 1989 in accordance with Decree 43 of 1989.

The importance of the EDL in the health care delivery system of Nigeria cannot be over emphasized hence government's efforts towards the sustenance of the programme. The Expert Committee on EDL programme has continued to ensure revision of the document.

The EDL has no doubt continued to streamline the drugs deployed in the healthcare delivery system of the country. This makes for the enhancement of quality of health care services. It provides a reference standard for all levels of health care towards ensuring good drug supply management as all drugs to be procured by the public health facilities should be drawn from the EDL.

The review exercise made use of several references including the national Standard Treatment Guidelines (STG) which was not in existence during previous reviews. By so doing more drugs which are beneficial in treatment of various disease conditions were identified and included in this EDL. In particular, given the prevailing concern and commitment of the President Goodluck Jonathan administration towards the reduction of high maternal mortality ratio in the country, misoprostol which has been found useful in the control of post-partum haemorrhage has for the first time been included on the list. In view of this, it is assured that this edition is enriched and has advantage over previous ones.

The EDL is an essential companion for doctors, pharmacists and nurses. I enjoin all our health care providers to get a copy of the fifth edition of the EDL and ensure its use for the provision of affordable quality health care to our people.

In this connection, the Ministry will ensure that dissemination workshops at the facility levels are organized to educate the health care providers on the provisions of the EDL. The Ministry will put in place effective monitoring and evaluation mechanism to ensure its successful implementation.



Professor C. O. Onyebuchi Chukwu  
**Honourable Minister of Health**  
October, 2010

## **PREFACE TO THE FIFTH REVISION**

It is once more my honour and privilege to write the preface to the fifth revision of the **Essential Medicines List** for the Nigerian Health Care System. This edition coming almost seven years after the 2003 fourth revision is a welcome leap from the past because there is need for the country to catch up with practices world-wide. Health practitioners and their students can now heave a sigh of relief with the hope that the next review will not be as delayed as this one.

Recent developments in the country suggest that the health of Nigerians is being put on the front burner of policies and these leave room for optimism: guinea worm eradication has been achieved. Nigeria is on the verge of being declared polio-free. There are indications that the high maternal and infant mortality may be truly on the decline due to the recent strategies devised to meet the targets of the Millennium Development Goals. A National Health Insurance Scheme (NHIS) has been launched and its practice is now widespread and gaining greater acceptance. Finally, about two years ago, the country published its first **Standard Treatment Guidelines (STG)** which, from all indications, has been well circulated and accepted.

This fifth review was primarily directed at ensuring that the medicines in the Standard Treatment Guidelines and the Essential Medicines List are harmonized. I believe this objective would have been achieved with the release of this review. In addition this review takes care of the new antimalarial drug policy as well as current practices with regards to HIV/AIDS, Tuberculosis/Leprosy treatment policies and other special services. The hope therefore is that this edition will reflect positively on the efforts to make Nigerians healthier at the minimum cost to individuals and governments at all levels.

The fifth review and the STG are the products of the hard work put in by the National Drugs Formulary & Essential Drugs Review Committee under the directives of the Foods & Drugs Division of the Federal Ministry of Health and the invaluable contribution of the Country Office of the World Health Organization. Regrettable however, is our inability to finish the review of the National Drugs Formulary. No doubt this would be needed to complement this review and I do hope that the Federal Ministry of Health will facilitate this activity in the nearest future.

Essential Drugs have been defined as those drugs that satisfy the health care needs of the majority of the population. They should therefore be available at all times in adequate amounts and in appropriate dosage forms at all levels of the health care delivery system of the country. The expected advantages of an Essential Drugs Programme include:-

- Limiting the number of drugs deployed in the health care system
- Creating opportunity for the provision of concise, accurate and comprehensive information in the form of a National Drugs Formulary on all the drugs in the essential drugs list
- Improving the knowledge of prescribers regarding the pharmacological properties of the

- prescribed drugs
- Improving drug utilization by the various sectors of the health care system through better monitoring and
- Reducing the cost of health care delivery

We cannot claim that this fifth review is perfect but all effort has been made to ensure that it meets the aspirations of the Essentials Drugs Programme of Nigeria. As usual we take responsibilities for the editorial errors and hope that users will make the best of it. Efforts will also be made to promote the use of this edition by all stakeholders through an aggressive advocacy and other strategies.

In this edition, we have omitted the list of products to be stocked and sold by Patent Medicine Dealers/Vendors because their regulation is not within our mandate.

**Professor Ibrahim Abdu-Aguye MBBS, Msc, FIICA, SFIAMN, FMCP, Dsc.**  
Chairman, National Drugs Formulary and Essential Drugs Review Committee.

October 2010

## NIGERIAN ESSENTIAL DRUGS LIST 2010

Name of drug	Dosage forms and strengths
<b>1. ANAESTHETICS</b>	
<b>1.1. General anaesthetics and oxygen</b>	
Halothane	- Inhalation, liquid, 250-mL bottle
Ketamine	- Injection (hydrochloride), 10 mg / mL in 20-mL vial, 50 mg / mL in 10-mL vial, 100 mg / mL in 5-mL vial
Nitrous oxide	- Inhalation, medicinal gas
Oxygen	- Inhalation, medicinal gas
Thiopental	- Injection powder (sodium salt), 0.5 g, 1.0 g and 2.5 g, ampoule
<b>1.2. Local anaesthetics</b>	
Bupivacaine	- Injection (hydrochloride), 0.25%, 0.5% - With epinephrine (adrenaline) 1:200,000 in 10-mL ampoule
Lidocaine	- Injection (hydrochloride) 1%, 2%, vial - Injection, 5% for spinal anaesthesia - Injection, 1%, 2% + epinephrine (adrenaline) 1:200,000, vial - Topical, cream or ointment, 2 - 5% - Topical, spray (aerosol), 10% - Topical, gel or solution, 2 - 4% - Dental cartridges, 2% + epinephrine (adrenaline) 1:80,000
<b>1.3. Premedication drugs and analgesic adjuvants</b>	
Atropine	- Injection (sulfate) 500 micrograms mg, 1 mg in 1mL Ampoule
Diazepam	- Injection, 5 mg / mL in 2-mL ampoule
Morphine	- Injection (sulfate or hydrochloride) 10 mg, 15 mg In 1-mL ampoule
Promethazine	- Oral liquid for children (hydrochloride), 5 mg / 5mL
<b>1.4. Skeletal muscle relaxants and antagonists</b>	
Atracurium	- Injection, 10 mg / mL
Neostigmine	- Injection (methylsulfate) 2.5 mg / mL in 1mLampoule
Pancuronium	- Injection (bromide), 2 mg / mL in 2-mL ampoule
Suxamethonium	- Injection (chloride), 50 mg / mL in 2-mL ampoule
	- Injection powder (chloride), vial

\*\* Marked for deletion

Name of drug	Dosage forms and strengths
<b>2.</b>	<b>ANALGESICS, ANTIPYRETICS AND NON-STEROIDAL ANTI-INFLAMMATORY DRUGS</b>
<b>2.1.</b>	<b><i>Narcotic analgesics</i></b>
Dihydrocodeine**	- Tablet (tartrate), 30 mg - Injection, 50 mg / mL in 1-mL ampoule
Fentanyl**	- Injection (citrate) 50 micrograms / mL in 1-mL Ampoule
Morphine	- Tablet, 10 mg, modified release, 30, 60 mg - Injection (sulfate or hydrochloride) 10 mg, 15 mg in 1-mL ampoule
Pentazocine	- Capsule, 50 mg Tablet, 25 mg - Injection (lactate), 30mg in 1-mL ampoule
Pethidine	- Tablet, 50 mg - Injection (hydrochloride), 50 mg / mL in 1-mL and 2-mL ampoule
<b>2.2.</b>	<b><i>Narcotic antagonist (drug for treatment of opioid dependence)</i></b>
Naloxone	- Injection (hydrochloride), 0.4 mg in 1-mL ampoule
<b>2.3.</b>	<b><i>Non-narcotic analgesics and antipyretics</i></b>
Acetylsalicylic acid	- Capsule, tablet, 300 mg
Paracetamol	- Tablet, 125 mg, 500 mg - Oral liquid, 125 mg / 5 mL - Suppository, 100 mg - Injection, 150 mg / mL
<b>2.4.</b>	<b><i>Non-steroidal anti-inflammatory drugs and drugs used for gout</i></b>
Allopurinol	- Tablet, 100 mg
Diclofenac	- Tablet, 25 mg, 100 mg - Injection, 25 mg / mL ampoule - Gel, 1%
Ibuprofen	- Capsule, tablet, 200 mg and 400mg
Indometacin**	- Capsule, 25 mg
Ketoprofen	- Gel, 2.5%
Naproxen	- Tablet, 250 mg

Name of drug	Dosage forms and strengths
<b>3. ANTICONVULSANTS (ANTI-EPILEPTICS)</b>	
Carbamazepine	- Tablet, 100 mg, 200 mg
Diazepam	- Injection, 5 mg / mL in 2-mL ampoule
Ethosuximide	- Capsule, tablet, 250 mg
	- Oral liquid, 250 mg / 5 mL
Magnesium sulfate	- Injection, 50% in 2-mL ampoule
Paraldehyde**	- Injection, 5 mL, 10 mL ampoule
Phenobarbital	- Tablet, 15 mg, 30 mg, 60 mg
	- Oral liquid, 15 mg / 5 mL
Phenytoin sodium	- Capsule, tablet, 25 mg, 50 mg, 100 mg
Sodium valproate	- Tablet, enteric-coated, 100 mg, 200 mg, 500 mg
	- Oral liquid, 200 mg / 5 mL
<b>4. ANTIDOTES</b>	
<b>4.1. Non-specific (general) antidote</b>	
Charcoal, activated	- Tablet, 1 g
	- Powder, granules, 5 g sachet
<b>4.2. Specific antidotes</b>	
Acetylcysteine	- Injection, 200 mg / mL in 10-mL ampoule
	- Oral liquid, 10%, 20%
Atropine	- Injection (sulfate), 1 mg in 1-mL ampoule
Deferoxamine	- Injection (mesilate), 500 mg, vial
Dimercaprol	- Injection, 50 mg / mL in 2-mL ampoule
Methionine**	- Tablet, 250 mg Methylthioninium chloride
(methylene blue)	- Injection, 10 mg / mL in 10-mL ampoule
Naloxone	- Injection (hydrochloride), 0.4mg in 1-mL ampoule.
Phytomenadione (vitamin K <sub>1</sub> )	- Injection, 10 mg / mL in 1-mL ampoule
Potassium ferric Hexacyanoferrate(II) (Prussian blue)	- Powder for oral administration
Protamine sulfate	- Injection, 10 mg / mL in 5-mL ampoule
Sodium calcium edetate	- Injection, 200 mg / mL in 5-mL ampoule
Sodium nitrite	- Injection, 30 mg / mL in 10-mL vial
Sodium thiosulfate	- Injection, 500 mg / mL

\*\* Marked for deletion

Name of drug	Dosage forms and strengths
<b>5. ANTI-INFECTIVE DRUGS</b>	
<b>5.1. Amoebicide</b>	
Metronidazole	- Tablet, 200 mg, 400 mg - Oral liquid, 200 mg / 5 mL
<b>5.2. Anthelmintics</b>	
Albendazole	- Tablet, 200 mg - Oral liquid, 100 mg / 5 mL
Levamisole	- Tablet, 40 mg - Oral liquid, 40 mg / 5 mL
Mebendazole	- Tablet, 100 mg, 500 mg - Oral liquid, 100 mg / 5 mL
Praziquantel	- Tablet, 600 mg
<b>5.3. Antibacterial drugs</b>	
Amoxicillin	- Capsule (trihydrate), 250mg Powder for liquid (trihydrate), 125mg / 5 mL - Injection (sodium salt), 250mg, 500mg, vial
Amoxicillin + clavulanic acid	- Capsule, tablet, amoxicillin (trihydrate) 250mg + clavulanic acid (potassium salt) 125mg - Powder for oral liquid, amoxicillin (trihydrate) 125mg + clavulanic acid (potassium salt) 31.25mg - Injection powder, amoxicillin (trihydrate) 500mg + clavulanic acid (potassium salt) 100 mg, vial; amoxicillin (trihydrate) 1g + clavulanic acid 200mg, vial
Ampicillin + cloxacillin**	- Capsule, 250mg of each - Powder for oral liquid, 125mg of each / 5 mL - Neonatal drops, ampicillin 60mg + cloxacillin 30mg / 0.6mL - Neonatal injection, ampicillin 50 mg + cloxacillin 25mg, vial - Injection powder (sodium salt) 250 mg of each, vial
Benzathine benzylpenicillin	- Injection, powder equivalent to 720 mg (1.2 million units) 1.44 g (2.4 million units) of benzylpenicillin, Vial
Benzylpenicillin	- Injection, powder (sodium or potassium salt) 600 mg (1 million units), 3.0 g (5 million units), vial

\*\* Marked for deletion



Name of drug		Dosage forms and strengths
Ceftriaxone	-	Injection, 250 mg, 500 mg, 1 g
Cefuroxime	-	Oral liquid (axetil), 125 mg / 5 mL
	-	Tablets (axetil), 125 mg, 250 mg, 500 mg
	-	Injection (sodium salt), 250 mg, 750 mg
Ciprofloxacin*	-	Tablet (hydrochloride), 250 mg, 500 mg
	-	Injection (lactate) 2 mg / mL in 50-mL, 100-mL vial

*\* Not recommended in children and growing adolescents*

Clindamycin	-	Capsule (hydrochloride), 150 mg
	-	Injection (phosphate), 150 mg / mL
Cloxacillin	-	Capsule, 250 mg
	-	Injection powder, 250 mg, 500 mg , vial
	-	Oral liquid, 125 mg / 5 mL
Co-trimoxazole	-	Tablet, sulfamethoxazole 400 mg + trimethoprim 80 mg
	-	Oral liquid, sulfamethoxazole 200 mg + trimethoprim 40 mg / 5 mL
Doxycycline	-	Capsule (hyclate) 100 mg
Erythromycin	-	Capsule, tablet, enteric / film-coated (stearate or ethylsuccinate), 250 mg, 500mg
	-	Oral liquid (stearate or ethylsuccinate), 125 mg / 5mL
	-	Injection powder (lactobionate), 500 mg , vial
Gentamicin	-	Injection (sulfate), 10 mg / mL, 40 mg / mL in 2-mL Vial
Metronidazole	-	Injection, 500 mg in 100-mL bottle
	-	Oral liquid (benzoate), 200 mg / 5 mL
	-	Tablet, 200 mg, 400 mg
Neomycin	-	Oral liquid, 100 mg / 5 mL
	-	Tablet, 500 mg
Nitrofurantoin	-	Tablet, 50 mg, 100 mg
Phenoxymethylpenicillin	-	Oral liquid, 250 mg / 5 mL
	-	Tablet (potassium salt), 250 mg
Tetracycline	-	Capsule, tablet, (hydrochloride), 250 mg
	-	Injection powder, 100 mg, 250 mg , vial

Name of drug		Dosage forms and strengths
5.4.	Antifilarial drugs	
	Diethylcarbamazine**	- Tablet (citrate), 50 mg
	Ivermectin	- Tablet, 6 mg
5.5.	Antiflagellate drugs	
	Metronidazole	- Tablet, 200 mg
		- Oral liquid, 200 mg / 5 mL
	Tinidazole	- Tablet, 500 mg
5.6.	Antileprosy drugs	
	Clofazimine	- Capsule, 50 mg, 100 mg
	Dapsone	- Tablet, 50 mg, 100 mg
	Rifampicin	- Capsule, tablet, 150 mg, 300 mg
5.7.	Antimalarial drugs	
	Artemether	- Injection, 80mg /mL in 1-mL ampoule
	Artesunate + amodiaquine	- Tablet, 25 mg + 67.5 mg, 50 mg + 135 mg, 100 mg + 270 mg
	Artemether + lumefantrine	- Oral liquid, 15 mg + 90 mg in 5 mL
		- Tablet, 20 mg + 120 mg
	Mefloquine	- Tablet (hydrochloride), 250 mg
	Proguanil	- Tablet (hydrochloride), 100 mg
	Pyrimethamine + sulfadoxine	- Tablet, 25 mg + 500 mg
	Quinine	- Injection (dihydrochloride) 300 mg / mL in 2-mL ampoule
5.8.	Antischistosomal drugs	
	Praziquantel	- Tablet, 600 mg
5.9.	Antitrypanosomal and antileishmaniasis drugs	
	Meglumine antimonate	- Injection, 30%, equivalent to 8.5% antimony in 5-mL ampoule
	Melarsoprol	- Injection, 3.6% solution, in 5-mL ampoule
	Pentamidine	- Injection powder (isetionate), 300 mg, vial
	Sodium stibogluconate	- Injection, containing 10% antimony
	Suramin	- Injection powder, 1 g, vial

\*\* Marked for deletion

Name of drug		Dosage forms and strengths
5.10.	Antituberculosis drugs	
	Ethambutol	- Tablet (hydrochloride) 100 500 mg
	Isoniazid	- Tablet, 100 300 mg
	Pyrazinamide	- Tablet, 400 mg
	Rifampicin	- Capsule, tablet, 150 mg, 300 mg
	Rifampicin + Isoniazid	- Tablet, rifampicin 150 mg + isoniazid 100 mg; Rifampicin 300mg + isoniazid 150mg
	Streptomycin	- Injection powder (sulfate), 1 g, 5 g, vial
5.11.	Antiviral drugs	
	Aciclovir	- Injection powder (sodium salt), 250-mg vial
		- Liquid, 200 mg / 5 mL
		- Tablet, 200 mg, 400 mg
	Idoxuridine	- Cream, 5%
		- Solution, 5% in dimethylsulphoxide (for external application)
5.11.1.	Antiretroviral (ARV) drugs	
5.11.1.1.	Non-nucleoside reverse transcriptase inhibitors	
	Nevirapine (NVP)	- Oral liquid, 50 mg / mL
		- Tablet, 200 mg
	Efavirenz (EFV or EFZ)	- Capsule, 50 mg, 100 mg, 200 mg
		- Oral liquid, 150 mg / 5 mL
		- Tablet, 600 mg
5.11.1.2.	Nucleoside/nucleotide reverse transcriptase inhibitors	
	Abacavir (ABC)	- Oral liquid (sulfate), 100 mg / 5 mL - Tablet (sulfate), 300 mg
	Didanosine (ddI)	- Buffered powder for oral liquid, 100 mg, 167 mg, 250 mg packets
		- Capsule (unbuffered enteric-coated), 125 mg, 200 mg, 250 mg, 400 mg
		- Tablet (buffered chewable, dispersible), 25 mg, 50 mg, 100 mg, 150 mg, 200 mg
	Lamivudine (3TC)	- Solution, 5 mg / mL
		- Tablet, 150 mg
	Stavudine (d4T)	- Tablet, 40 mg
	Zalcitabine (ddC)	- Tablet, 750 micrograms
	Zidovudine (ZDV)	- Capsule, 100 mg, 250 mg
		- Oral liquid, 50 mg / mL

Name of drug		Dosage forms and strengths
5.11.1.3.	Protease inhibitors	
	Indinavir (IDV)	- Capsules (sulfate), 200 mg, 400mg
	Lopinavir + ritonavir (LPV/r)	- Capsule, 133.3 mg + 33.3 mg
		- Oral liquid, 400 mg + 100 mg / 5 mL
		- Tablet (heat stable), 100 mg + 25 mg; 200 mg + 50 mg
	Nelfinavir (NFV)	- Tablet, 250 mg
	Ritonavir RTV)	- Oral liquid, 400 mg / 5 mL
	Saquinavir (SQV)*	- Oral solid dosage form, 100 mg
		- Capsule, 200 mg * > 25 kg weight
5.11.1.4.	Fixed-dose combinations	
	Lamivudine + nevirapine	
	+ stavudine	- Tablet, 150 mg + 200 mg + 30 mg
		- Tablet (dispersible), 30 mg + 50mg + 6mg, 60 mg + 100 mg + 12 mg
	Lamivudine + nevirapine + zidovudine	- Tablet, 30 mg + 50 mg + 60 mg, 150 mg + 200 mg + 300 mg
	Lamivudine + zidovudine	- Tablet, 30 mg + 60 mg, 150 mg+ 300 mg
5.11.2.	Systemic antifungal drugs	
	Amphotericin B	- Injection powder, 50-mg vial
	Fluconazole	- Capsule, 50 mg, 150 mg
		- Injection, 2 mg / mL in 0.9% sodium chloride
	Miconazole	- Tablet, 250 mg
	Nystatin	- Tablet, 500,000 units
		- Oral liquid, 100,000 units / mL
		- Lozenges, 100,000 units / mL
		- Pessary, 100,000 units
6.	ANTIMIGRAINE DRUGS	
	Ergotamine	- Tablet (tartrate), 2 mg
	Pizotifen	- Tablet (hydrogen maleate), 500 micrograms, 1.5 mg Oral liquid (hydrogen maleate), 0.25 mg / mL
	Propranolol*	- Tablet (hydrochloride), 40 mg, 80 mg
		* For prophylaxis

Name of drug	Dosage forms and strengths
<b>7. ANTINEOPLASTIC AND IMMUNOSUPPRESSIVE DRUGS</b>	
Azathioprine	- Injection powder(sodium salt), 50 mg, vial - Tablet, 50 mg
Bleomycin	- Injection powder, (sulfate), 15, 000 units, vial
Busulfan (busulphan)	- Tablet, 2 mg
Chlorambucil	- Tablet, 2 mg, 5 mg
Ciclosporin (cyclosporin)	- Oral liquid, 100 mg / mL
Cisplatin	- Injection, 50 mg / mL ampoule - Injection powder, 10 mg, 50 mg, vial
Cyclophosphamide	- Tablet, 25 mg, 50 mg - Injection powder, 100mg, 500mg, 1g, vial
Cytarabine	- Injection powder, 100 mg, vial
Dactinomycin (actinomycin D)	- Injection powder, 500micrograms, vial
Dexamethasone	- Tablet, 500 micrograms, 4 mg - Injection (sodium phosphate), 4mg / mL ampoule
Doxorubicin	- Injection powder (hydrochloride), 10 mg, 50 mg, vial
Fluorouracil	- Injection (sodium salt), 50 mg / mL in 5-mL vial
Mercaptopurine	- Tablet, 50 mg
Methotrexate	- Tablet (sodium salt), 2.5 mg - Injection powder (sodium salt), 50 mg, vial
Prednisolone	- Tablet, 5 mg - Injection (sodium phosphate or sodium succinate), 20 mg / mL, 25 mg / mL, vial
Procarbazine	- Capsule (hydrochloride), 50 mg
Stilboestrol	- Tablet, 1 mg, 5 mg, 25 mg
Tamoxifen	- Tablet (citrate), 10 mg, 20 mg
Vincristine	- Injection powder (sulfate), 1 mg, 2 mg, 5 mg, vial
<b>8. ANTISEPTICS AND DISINFECTANTS</b>	
Benzoin	- Compound tincture of benzoin
Cetrimide + chlorhexidine	- Solution, cetrimide 15% + chlorhexidine (gluconate), 1.5% for dilution
Chlorhexidine	- Solution (gluconate), 5% for dilution
Dichloroxylenol + chlorophenol	- Soap, solution
Formaldehyde	- Solution, 1.5 10%
Glutaraldehyde	- Solution, 2% (in buffered base)
Iodine	- Weak solution of iodine, 1%
Methylated spirit	- Solution
Potassium permanganate	- Solution, 0.1%

Name of drug		Dosage forms and strengths
Povidone-iodine	-	Solution, 10%
Sodium hypochlorite	-	Solution, different preparations with available chlorine from 1 - 10%
Trichlorophenol	-	Cream, liquid, ointment, mixture of halogenated phenols and salicylic acid
9. BLOOD PRODUCTS AND PLASMA SUBSTITUTE		
9.1. Plasma fraction for specific use		
Human albumin	-	Injection, 20% solution
9.2. Plasma substitutes Dextran 70	-	Intravenous infusion, 6% in sodium chloride intravenous infusion 7.5%, 500 mL
Polygeline	-	Injection, 3.5% solution, 500 mL
10. CARDIOVASCULAR DRUGS		
10.1. Anti-anginal drugs		
Atenolol	-	Tablet, 50 mg, 100 mg
	-	Injection 500 micrograms / mL, ampoule
Glyceryl trinitrate	-	Tablet, sublingual, 500 micrograms
Isosorbide dinitrate	-	Tablet, sublingual, 5 mg
	-	Tablet, oral 10 mg
10.2. Anti-arrhythmic drugs		
Disopyramide	-	Capsule, tablet, 100 mg, 150 mg
Lidocaine	-	Injection (hydrochloride), 20 mg / mL in 5 mL- ampoule
Procainamide	-	Tablet (hydrochloride), 250 mg
	-	Injection (hydrochloride), 100 mg / mL in 10 mL- ampoule
Propranolol	-	Tablet (hydrochloride), 10 mg, 40 mg
	-	Injection (hydrochloride), 1 mg / mL, ampoule
10.3. Antihypertensive drugs		
Amiloride + hydrochlorothiazide	-	Tablet, amiloride 2.5 mg + hydrochlorothiazide 25 mg
Amlodipine	-	Tablet (besylate), 5 mg, 10 mg
Atenolol	-	Tablet, 50 mg, 100 mg

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Name of drug		Dosage forms and strengths
Captopril	-	Tablet, 12.5 mg, 25 mg, 50 mg
Hydralazine	-	Tablet, 25 mg, 50 mg
	-	Injection powder (hydrochloride), 20 mg, ampoule
Labetalol	-	Tablet (hydrochloride), 100 mg, 200 mg
	-	Injection powder, 5 mg / mL in 20 mL-ampoule
Lisinopril	-	Tablet, 5 mg, 10 mg
Methyldopa	-	Tablet, 250 mg, 500 mg
Nifedipine	-	Tablet (slow release), 20 mg
Prazosin + polythiazide	-	Tablet, prazosin (hydrochloride) 500 micrograms polythiazide 250 micrograms
Propranolol	-	Tablet (hydrochloride), 40 mg, 80 mg
Reserpine + Dihydroergocristine + clopamide	-	Tablet, reserpine 100 micrograms + dihydroergocristine 500 micrograms + clopamide 5 mg
10.4. Drugs used in heart failure		
Captopril	-	Tablet, 12.5 mg, 25 mg
Digoxin	-	Tablet, 62.5 micrograms, 125 micrograms, 250 micrograms
	-	Oral liquid, 50 mg / mL in 60-mL bottle
	-	Injection, 100 micrograms / mL in 1 mL-ampoule 250 micrograms / mL in 2 mL-ampoule
11. DENTAL DRUGS		
11.1. Anti-inflammatory dental drugs		
Triamcinolone	-	Paste (acetonide), 0.1%
11.2. Local anaesthetic		
Lidocaine	-	Injection, anhydrous lidocaine (hydrochloride), 2% with epinephrine (adrenaline) 1 in 80,000 in dental cartridge
	-	Cream, 5%
	-	Spray, 0.2%

Name of drug		Dosage forms and strengths
11.3.	Mouthwashes	
	Hexetidine	- Solution, 0.1%
	Nystatin	- Solution, 100,000 units / mL
	Zinc chloride + zinc sulfate	- Compound mouthwash, containing zinc chloride 1% + zinc sulfate 2%
12.	DERMATOLOGICAL DRUGS	
12.1.	Anti-acne drugs	
	Benzoyl peroxide	- Cream, 2.5%, 5%, 10%
		- Gel, 2.5%, 5%, 10%
12.2.	Antifungal drugs	
	Benzoic acid + salicylic acid	- Cream, ointment, containing benzoic acid, 6% and salicylic acid, 3%
	Clotrimazole	- Cream, ointment, 1%
		- Dusting powder, 1%
		- Pessaries, 100 mg, 200 mg
	Miconazole	- Cream (nitrate), 2%
		- Dusting powder (nitrate), 2%
		- Gel, oral (nitrate), 2 - 2.5%
		- Lotion, tincture, 2%
		- Vaginal ovule, 200 mg, 400 mg
	Miconazole + hydrocortisone	- Cream, miconazole, 2%, hydrocortisone, 1%
	Nystatin	- Cream, ointment, 100,000 units
12.3.	Anti-infective drugs	
	Gentamicin	- Cream (sulfate), 0.3%
	Gentian violet	
	(methylrosalinilium	- Aqueous solution, 0.5% chloride)**
	Silver sulfadiazine	- Cream, 1%
12.4.	Anti-inflammatory and antipruritic drugs	
	Betamethasone	- Cream, ointment, (valerate), 0.1%
	Calamine lotion	- Lotion
	Hydrocortisone	- Cream, ointment (acetate), 1%
	Hydrocortisone +	



Essential Medicines List (Fifth Revision 2010)

Name of drug		Dosage forms and strengths
neomycin	-	Cream, ointment, hydrocortisone 0.5 - 1% + neomycin 0.25 - 0.5%
Methyl salicylate	-	Ointment, liniment, 4 - 20%
12.5. Astringent drugs		
Aluminium diacetate	-	Solution, 13% for dilution
Calamine + zinc oxide	-	Lotion, plaster
12.6. Keratolytic and keratoplastic drugs		
Coal tar	-	Solution 1 10%
Dithranol	-	Ointment, 0.1 2%
Podophyllum resin	-	Solution, topical, 10 25%
Salicylic acid	-	Ointment, 2 - 5%
	-	Solution, 12% in flexible collodion
Urea	-	Cream, ointment, 10%
12.7. Scabicides and pediculicides		
Benzyl benzoate	-	Emulsion, 25%
Permethrin	-	Cream, 5%
	-	Lotion, 1%
13. DIALYSIS SOLUTION		
Intraperitoneal dialysis solution	-	Parenteral solution (of appropriate composition)
14. DIURETICS		
Amiloride + hydrochlorothiazide	-	Tablet, 5 mg + 50 mg
Bendroflumazide	-	Tablet, 2.5 mg, 5 mg
Furosemide (frusemide)	-	Tablet, 40 mg
	-	Injection, 10 mg / mL in 2 mL-ampoule
Hydrochlorothiazide	-	Tablet, 25 mg, 50 mg
Spironolactone	-	Tablet, 25 mg, 50 mg

Name of drug	Dosage forms and strengths
15. DRUGS ACTING ON RESPIRATORY TRACT	
15.1. Antiasthmatics and medicines for chronic obstructive pulmonary disease	
Aminophylline	- Injection, 25 mg / mL
Beclomethasone dipropionate	- Inhalation (aerosol), 50 micrograms per dose, 250 micrograms per dose
Epinephrine (adrenaline)	- Injection (hydrochloride or hydrogen tartrate), 1 mg in 1-mL ampoule
Ipratropium bromide	- Inhalation (aerosol), 20 micrograms per metered dose
Salbutamol*	- Inhalation (aerosol), 100 micrograms (sulfate) per dose
	- Injection (sulfate), 50 micrograms / mL in 5-mL ampoule
	- Metered dose inhaler (aerosol), 100 micrograms (sulfate) per dose
	- Oral liquid, 2 mg / 5 mL
	- Respirator solution for use in nebulizers (sulfate), 5 mg / mL
	- Tablet (sulfate), 2 mg, 4 mg
* Oral salbutamol treatment should only be considered when inhaled asthma therapy is not feasible	
15.2. Antitussive	
Dextromethorphan hydrobromide	- Oral liquid, 15 mg per 5 mL
16. DRUGS AFFECTING THE BLOOD	
16.1. Anti-anaemia drugs	
Hydroxocobalamine	- Injection, 1 mg / mL, ampoule
Ferric ammonium citrate	- Mixture, 400 mg / 5mL
Ferrous sulfate	- Tablet, 200 mg equivalent to 60 mg iron
Folic acid	- Tablet, 5 mg
16.2. Anticoagulants and antiplatelets	
Acetylsalicylic acid	- Tablet, 75 mg
Enoxaparin	- Injection, 100 mg / mL

Name of drug		Dosage forms and strengths
Heparin sodium	-	Injection, 1000 units / mL and 25,000 units / mL ampoule
Warfarin sodium	-	Tablet, 1 mg, 5 mg
16.3	Antifibrinolytic and haemostatic drug	
Aminocaproic acid (with or without lipid thromboplastin)	-	Tablet, aminocaproic acid, 500 mg Injection, containing aminocaproic acid 100 mg / mL+ lipid thromboplastin, 2 mg / mL in 5-mL, 10-mL ampoules
17.	DRUGS FOR PARKINSONISM AND OTHER NEUROLOGICAL DISORDERS	
17.1.	Antiparkinsonism drugs	
Benzhexol	-	Tablet (hydrochloride), 2 mg, 5 mg
Biperiden	-	Injection (lactate), 5mg / mL in 1-mL, ampoule
	-	Tablet (hydrochloride), 2 mg
Levodopa + carbidopa	-	Tablet, 100 mg + 10 mg
	-	Tablet, 250 mg + 25 mg
17.2.	Drugs for myasthenia gravis	
Neostigmine	-	Tablet (bromide), 15 mg
Pyridostigmine	-	Tablet (bromide), 60 mg
18.	DRUGS USED IN ANAPHYLAXIS	
18.1.	Anti-anaphylactics	
Dexamethasone	-	Injection (sodium phosphate), 4 mg in 1-mL ampoule
Epinephrine (adrenaline)	-	Injection (acid tartrate or hydrochloride), 1 mg / mL in 1-mL ampoule
Hydrocortisone	-	Injection powder (sodium succinate) 100 mg, vial
18.2.	Antihistamines	
Chlorphenamine	-	Injection (maleate), 10 mg in 1-mL ampoule
	-	Oral liquid, 2 mg / 5 mL
	-	Tablet (maleate), 4 mg
Promethazine	-	Injection (hydrochloride), 25 mg / mL in 1- mL and 2-mL ampoule
	-	Oral liquid (hydrochloride), 5 mg / 5 mL
	-	Tablet (hydrochloride), 10 mg, 25 mg

Name of drug		Dosage forms and strengths	
19.	EAR, NOSE AND THROAT DRUGS		
19.1.	Ear Drugs		
19.1.1.	Anti-infective drugs		
	Chloramphenicol	-	Ear drops, 5%
	Gentamicin	-	Ear drops (sulfate), 0.3%
19.1.2.	Anti-inflammatory drug		
	Betamethasone	-	Ear drops (sodium phosphate), 0.1%
19.1.3.	Combined anti-infective and anti-inflammatory drugs		
	Flumetasone + clioquinol	-	Ear drops, flumetasone pivalate 0.02% + clioquinol 1%
	Hydrocortisone + neomycin	-	Ear drops, hydrocortisone (acetate), 1.5% + neomycin (sulfate), 0.5%
19.1.4.	Removal of ear wax		
	Glycerol + sodium bicarbonate	-	Ear drops, glycerol 30 mL + sodium bicarbonate 5 g in 100 mL solution
19.2.	Nose drugs		
19.2.1.	Anti-allergic and nasal decongestants		
19.2.1.1	Cauterization of nose		
	Silver nitrate	-	Solution, 0.5% in water, freshly prepared
		-	Sticks, crystals
19.2.1.2.	Systemic		
	Pseudoephedrine hydrochloride	-	Oral liquid, 30 mg / 5 mL
		-	Tablet, 60 mg
19.2.1.3.	Topical		
	Beclomethasone	-	Nasal spray, aerosol (dipropionate), 500 micrograms / metered spray
	Ephedrine	-	Nasal drops (hydrochloride), 0.5%
20.	GASTRO-INTESTINAL DRUGS		
20.1.	Antacid drugs		
	Aluminium hydroxide	-	Mixture, B.P.
		-	Tablet, 500 mg
	Aluminium hydroxide + magnesium trisilicate	-	Mixture, B.P.
		-	Tablet, aluminium hydroxide 120 mg + Magnesium trisilicate 250 mg

Name of drug		Dosage forms and strengths
Magnesium trisilicate	-	Mixture, 250 mg / 5 mL
	-	Tablet, 500 mg
20.2. Anti-emetic drugs		
Metoclopramide	-	Injection (hydrochloride), 5 mg / mL in 2 mL-ampoule
	-	Oral liquid (hydrochloride), 5 mg / 5 mL
	-	Tablet (hydrochloride), 10 mg
Prochlorperazine	-	Injection (mesylate), 12.5 mg / mL in 1 mL and 2-mL ampoule
	-	Oral liquid (mesylate), 5 mg / 5 mL
	-	Tablet (maleate), 5 mg, 25 mg
Promethazine	-	Injection (hydrochloride), 25 mg / mL in 1 mL and 2-mL ampoule
	-	Oral liquid (hydrochloride), 5 mg / 5 mL
	-	Tablet (hydrochloride), 10 mg, 25 mg or (theoclate), 25 mg
20.3. Anti-haemorrhoidal drugs		
Preparations containing:	-	Rectal suppository or ointment
Hydrocortisone acetate with or without lidocaine hydrochloride +astringent(s)		
20.4. Antispasmodic drugs and smooth muscle stimulants		
Hyoscine N-butylbromide	-	Injection, 20 mg / mL in 1-mL ampoule
	-	Oral liquid (hydrochloride), 5 mg / 5 mL
	-	Tablet, 10 mg
	-	Oral liquid, 1 mg / mL
20.5. Laxatives		
Bisacodyl	-	Suppositories, 5 mg, 10 mg
	-	Tablet, 5 mg
Paraffin liquid	-	Emulsion, oral, as faecal softener, 5 mg / 10 mL
Senna	-	Tablet and granules

Name of drug	Dosage forms and strengths
20.6. Drugs used in diarrhoea	
20.6.1 Oral rehydration therapy	
Oral rehydration salts	- Powder, composition / litre of solution: glucose anhydrous 13.5 g, potassium chloride 1.5 g, sodium citrate dihydrate 2.9 g, sodium chloride 2.6g (the sodium citrate dihydrate may be replaced by sodium bicarbonate 2.5 g, in the absence of the former)
20.6.2. Drugs for diarrhoea in children	
Zinc sulfate*	- Oral liquid, in 10 mg per unit dosage form - Tablet, in 10 mg per unit dosage form
*Should be used as an adjunct to oral rehydration salts in acute diarrhea	
20.6.3. Drugs for diarrhoea in adults	
Codeine	- Tablet, 30 mg
Diphenoxylate	- Tablet, diphenoxylate hydrochloride, 2.5 mg + atropine sulfate, 25 micrograms
Loperamide	- Capsule, 2 mg - Tablet, 2 mg
20.7. Helicobacter pylori eradication	
20.7.1. Acid suppressants	
Cimetidine	- Injection, 100 mg / mL in 2 mL ampoule - Tablet, 200 mg, 400mg
Omeprazole	- Injection powder (sodium salt), 40 mg, vial - Tablet, 10 mg, 20 mg
Ranitidine	- Injection, 25 mg / mL in 2-mL ampoule - Tablet (hydrochloride), 150 mg, 300 mg
20.7.2 Anti-infectives	
Amoxicillin	- Capsule (trihydrate), 250 mg, 500 mg
Clarithromycin	- Tablet, 250 mg, 500mg
Metronidazole	- Tablet, 200 mg, 400 mg

Name of drug	Dosage forms and strengths
21. HORMONES, OTHER ENDOCRINE DRUGS AND CONTRACEPTIVES	
21.1. Adrenal hormones and synthetic substitutes	
Dexamethasone	- Injection, 2 mg / mL, 4 mg / mL in 2-mL ampoule
	- Tablet, 0.5 mg, 4 mg
Hydrocortisone	- Injection powder (sodium succinate), 100 mg, vial
Prednisolone	- Tablet, 1 mg, 5 mg
21.2. Antidiabetic drugs	
21.2.1. Insulins (human)	
Biphasic isophane insulin	- 30% soluble, 70% isophane, 100 units / mL
Insulin, soluble	- Injection, short-acting, 100 units / mL in 10-mL vial
Insulin Zinc Suspension	- Injection 100 units / mL in 10-mL vial
21.2.2. Oral antidiabetic drugs	
Glibenclamide	- Tablet, 5 mg
Gliclazide	- Tablet, 80 mg
Metformin	- Tablet (hydrochloride), 500 mg
21.3. Contraceptives	
21.3.1. Implantable contraceptives	
Levonorgestrel-releasing implant	- Two-rod implant, each containing 75 mg of levonorgestrel (150 mg total)
21.3.2. Injectable hormonal contraceptives	
Levonorgestrel	- Implant, subdermal, 36 mg
Medroxyprogesterone acetate	- Injection, depot, 150mg / mL in 3-mL, vial
Norethisterone enantate	- Injection, 200 mg / mL in 1-mL ampoule
21.3.3. Intrauterine devices	
Copper	- Various copper-containing devices
Lippe's loop	- Various sizes, A, B, C and D with insertion tubes
21.3.4. Oral hormonal contraceptives	
Ethinylestradiol + levonorgestrel	- Tablet, 30 micrograms + 150 micrograms
Ethinylestradiol + levonorgestrel	- Tablet, 30 micrograms + 50 150micrograms

Name of drug	Dosage forms and strengths
Ethinylestradiol + norethisterone	- Tablet, 35 micrograms + 1 mg
Norethisterone	- Tablet, 35 micrograms
21.4. Estrogens	
Ethinylestradiol	- Tablet, 10 micrograms, 50 micrograms
21.5. Drugs acting on pituitary-ovarian axis	
Bromocriptine	- Capsule, tablet (mesylate), 1mg, 2.5mg
Clomiphene	- Tablet (citrate), 50 mg
21.6. Thyroid hormones and antithyroid drugs	
21.6.1. Antithyroid drugs	
Carbimazole	- Tablet, 5 mg
Iodine + potassium iodide (Lugol's solution)	- Oral liquid, containing: iodine 5% and potassium iodide 10% in purified water
Propylthiouracil	- Tablet, 50 mg
21.6.2. Thyroid hormone	
Levothyroxine	- Tablet (sodium salt), 50 micrograms, 100 micrograms
22. IMMUNOLOGICALS	
22.1. Sera and immunoglobulins	
Anti-D immunoglobulin (human)	- Injection 250 micrograms / mL, vial
Anti-gas gangrene	- Injection, 10,000 units, 30,000 units, vial
Rabies immunoglobulin	- Injection 150 units /mL, vial
Antiscorpion serum	- Injection, 1-mL ampoule
Antisnake-bite serum	- Injection, polyvalent, 10-mL, 20-mL ampoule
Gas-gangrene antitoxin	- Injection, 4000 units, 10,000 units, vial
Normal immunoglobulin	- Injection, 30 mg / mL, 165 mg / mL
Antitetanus immunoglobulin (human)	- Injection, 1,500 units 10,000 units, ampoule; 50,000 units, vial
22.2. Vaccines*	
(*All vaccines should comply with the World Health Organization's requirements for biological substances)	



Name of drug	Dosage forms and strengths
22.2.1. Vaccines for specific immunization	
Cholera vaccine	- Injection, 1.5-mL, 5- mL, 10-mL and 50-mL, ampoule or vial
Hepatitis B vaccine	- Liquid for injection, 10-dose vial
Meningococcal vaccine	- Injection powder, 1,10 and 50-dose vials
Rabies vaccine (inactivated)	- Injection, 1-mL ampoule
Typhoid vaccine (V1 antigen)	- Injection, 0.5 mL, syringe, 10 mL, vial 25 mL, vial
Typhoid vaccine (TAB)	- Injection, 1.5-mL , vial
Yellow fever vaccine	- Powder for injection, 1,5 and 10-dose, vial
22.2.2 Vaccines for universal immunization	
B.C.G. vaccine	- Injection powder, 20-dose vial,
Diphtheria + pertussis + tetanus vaccine	- Liquid for injection, 10-dose vial
Hepatitis B vaccine	- Liquid for injection, 10-dose vial
Measles vaccine	- Injection powder, 10-dose vial
Poliomyelitis vaccines (live attenuated)	- Oral liquid
Tetanus vaccine	- Powder for injection, 10-dose vial
23. IN VIVO DIAGNOSTIC AGENTS	
23.1. Ophthalmic drugs	
Fluorescein	- Eye drops (sodium salt), 1%
23.2. Radiocontrast media	
23.2.1. Alimentary tract	
Barium sulfate	- Aqueous liquid
24. OPHTHALMOLOGICAL DRUGS	
24.1. Anti-infective drugs	
Aciclovir	- Eye ointment, 3.0%
Chloramphenicol	- Eye drops, 0.5%
	- Eye ointment, 1.0%
Gentamicin	- Eye drops (sulfate), 0.3%
	- Eye ointment (sulfate), 0.3%
Idoxuridine	- Eye drops, 0.1%
	- Eye ointment, 0.5%

Name of drug		Dosage forms and strengths
Miconazole	-	Eye drops, 1%
Oxytetracycline + polymyxin B	-	Injection, 10 mg / mL Eye ointment, oxytetracycline hydrochloride, 5 mg + polymyxin B (sulfate) 10,000 units
24.2. Anti-inflammatory and anti-allergic drugs		
Antazoline	-	Eye drops (antazoline sulfate, 0.5%, xylometazoline hydrochloride, 0.05%)
Prednisolone	-	Eye drops, 1% (acetate), 5% (sodium phosphate)
24.3. Local anaesthetics		
Tetracaine* (amethocaine) * Not for use in preterm neonates	-	Eye drops (hydrochloride), 0.5%
24.4. Miotics and antiglaucoma drugs		
24.4.1. Systemic drugs		
Acetazolamide	-	Tablet, 250 mg
	-	Injection, 500-mg vial
24.4.2. Topical drugs		
Atropine	-	Eye drops (sulfate), 0.5%, 1.0%
Pilocarpine	-	Eye drops (hydrochloride), 1%, 2%, 3%, 4%
Timolol	-	Eye drops (maleate), 0.25%, 0.5%
24.5. Mydriatic drugs		
Homatropine	-	Eye drops (hydrobromide), 1%, 2%
Phenylephrine	-	Eye drops (hydrochloride), 0.25%, 0.5%, 2.5%, 10%
Tropicamide	-	Eye drops, 0.5%, 1%
24.6. Diagnostic eye drug		
Fluorescein sodium	-	Eye drops (sodium salt), 1%, 2%
	-	Eye strips
24.7. Miscellaneous eye preparation		
Methylcellulose	-	Eye drops, 1%, 2%

Name of drug		Dosage forms and strengths
25.	OXYTOCICS AND TOCOLYTICS	
	Ergometrine	- Injection (maleate), 0.5 mg / mL - Tablet (maleate), 500 micrograms
	Oxytocin	- Injection, 5 units, 10 units / mL in ampoules
	Salbutamol	- Injection (sulfate), 500 micrograms / mL, 1 mg / mL - Oral liquid (sulfate), 2 mg / 5 mL - Tablet (sulfate), 2 mg, 4 mg
26.	PREPARATIONS FOR CORRECTING WATER ELECTROLYTE AND ACID-BASE DISTURBANCES	
26.1.	Oral preparations	
	Oral Rehydration Salts	- See 19.6.1
	Potassium chloride	- Tablet, slow release, 600 mg - Oral liquid, 5%, 10%, 20%
26.2.	Parenteral preparations	
	Darrow's solution	- Injection, B.P., half strength, full strength
	Glucose	- Injection, 5%, 10%, 50%
	Glucose + sodium chloride	- Injection, 4.3% + 0.18% - 5.0% + 0.9%
	Mannitol	- Injection, 10%, 20%
	Potassium chloride	- Injection, 15% (equivalent to K+ 2 mmol/mL and Cl- 2 mmol / mL)
	Ringer's solution	- Injection, B.P.
	Sodium chloride	- Injection, 0.9% isotonic (Na+ 154 mmol / L, Cl- 154 mmol / L) - Injection, 0.45% isotonic (Na+ 77 mmol / L, (l- 154 mmol / L)
	Sodium hydrogen carbonate (sodium bicarbonate)	- Injection, 8.4% in 10-mL ampoule (Na+1000 mmol /L, HCO3- 1000mmol / L)
	Sodium lactate	- Compound solution, injectable
26.3.	Miscellaneous	
	Water for injection	- Injection, 2 mL, 5 mL, 10 mL, 20 mL, 50-mL ampoule or , vial

Name of drug	Dosage forms and strengths
27. PSYCHOTHERAPEUTIC DRUGS	
27.1. Antidotes to antipsychotic drugs	
Benzhexol (trihexyphenidyl) -	Tablet (hydrochloride), 2 mg, 5 mg
Biperiden -	Injection (lactate), 5 mg / mL
	Tablet (hydrochloride), 2 mg
27.2. Drugs used in generalized anxiety	
Diazepam -	Tablet (scored), 2 mg, 5 mg
27.3. Drugs used in mood disorders	
27.3.1. Drugs used in depressive disorders	
Amitriptyline -	Tablet (hydrochloride), 25 mg
Fluoxetine -	Solid oral dosage form (hydrochloride), 20mg
27.3.2. Drugs used in bipolar disorders	
Carbamazepine -	Tablet (scored), 100 mg, 200 mg
Valproic acid (sodium valproate) -	Tablet (enteric-coated), 200 mg, 500 mg
27.4. Drugs used for obsessive compulsive disorders and panic attacks	
Clomipramine -	Capsule (hydrochloride), 10 mg, 25 mg
27.5. Drugs used in psychotic disorders	
Chlorpromazine -	Injection (hydrochloride), 25 mg / mL in 2-mL ampoule
	Oral liquid (hydrochloride) 25 mg / 5 mL
	Tablet (hydrochloride), 100 mg
Fluphenazine -	Injection (decanoate), 25 mg in 1-mL ampoule
Haloperidol -	Injection (decanoate), 5 mg in 1-mL ampoule
	Tablet, 2 mg, 5 mg
27.6. Drugs used in substance dependence programmes Methadone** For use only within an established support programme	
(See Restricted List)	

Name of drug		Dosage forms and strengths
28.	VITAMINS AND MINERALS	
28.1.	Vitamins	
	Ascorbic acid (vitamin C)	- Oral liquid, 100 mg / 5 mL - Tablet, 100 mg
	Cyanocobalamin (vitamin B12)	- Tablet, 50 micrograms
	Ergocalciferol	- Capsule, tablet, 10,000 units, 50,000 units - Oral liquid, 250 micrograms / mL
	Folic acid	- Tablet, 5 mg
	Hydroxycobalamin	- Injection, 0.25 mg / mL, 1mg/mL, ampoule
	Pyridoxine (vitamin B6)	- Tablet(hydrochloride), 10mg, 20mg, 50mg
	Retinol (vitamin A)	- Capsule, tablet, 5,000 units, 25,000 Units, 50,000 units
	Riboflavine (vitamin B2)	- Tablet, 5 mg
	Thiamine (Vitamin B1)	- Tablet (hydrochloride), 25 mg, 50 mg
	Vitamin B Complex*	- Oral liquid, liquid - Injection, (see Appendix 1)
	*Various safe combinations are acceptable (see Appendix 1 for the approved strengths of various Vitamins)	
28.2.	Minerals	
	Calcium salts	- Tablet (gluconate), 600 mg
	Sodium fluoride-----	- Tablet, 2.2 mg provides approximately 1 mg of fluoride ion

## THE PRIMARY HEALTH CARE LIST

LEVEL A  
FOR HEALTH CENTRES

Group		Formulation
ANAESTHETICS, LOCAL		
Lidocaine	-	Topical, injection
ANALGESICS		
Acetylsalicylic Acid*	-	Tablet
*Not for children		
Paracetamol	-	Oral liquid, tablet
ANTI-ALLERGICS		
Chlorphenamine	-	Oral liquid, tablet
Epinephrine (Adrenaline)	-	Injection
Promethazine	-	Tablet, oral liquid
ANTICONVULSANTS		
Diazepam	-	Injection
Paraldehyde**	-	Injection
Phenobarbital	-	Tablet
ANTIDOTES		
Atropine	-	Injection
Charcoal (activated)	-	Powder
ANTI-INFECTIVE DRUGS		
Antibacterial drugs		
Amoxicillin	-	Capsule
Benzathine Penicillin	-	Injection
Benzylpenicillin	-	Injection
Co-trimoxazole	-	Tablet, oral liquid
Erythromycin	-	Tablet
Gentamicin	-	Injection
Nitrofurantoin	-	Tablet
Phenoxymethylpenicillin	-	Tablet
Streptomycin	-	Injection
Tetracycline*	-	Capsule
*Not recommended for children and pregnant women		
Antileprosy drugs		

Essential Medicines List (Fifth Revision 2010)

Group		Formulation
Clofazimine	-	Capsule
Dapsone	-	Tablet
Rifampicin	-	Capsule or tablet
Amoebicide		
Metronidazole	-	Tablet
Anthelmintics		
Mebendazole	-	Tablet
Praziquantel	-	Tablet
Pyrantel	-	Oral liquid, tablet
** Marked for deletion		
Antifilarial		
Diethylcarbamazine	-	Tablet
Antimalarials		
Artemether + lumefantrine	-	Oral liquid, tablet
Artesunate	-	Suppositories
Artesunate + amodiaquine	-	Tablet
Quinine	-	Injection*
*Intramuscular, for pre-referral treatment only		
Pyrimethamine + sulfadoxine	-	Tablet, oral liquid
Anti-tuberculosis drugs		
Ethambutol	-	Tablet
Isoniazid	-	Tablet
Pyrazinamide	-	Tablet
Rifampicin	-	Capsule, tablet
ANTISEPTICS AND DISINFECTANTS		
Benzoin	-	Compound tincture
Chlorhexidine	-	Solution
Iodine	-	Solution
Methylated spirit	-	Solution
Sodium hypochlorite	-	Solution
DERMATOLOGICAL DRUGS		
Benzoic acid+salicylic acid (Whitfield's)	-	Ointment
Benzoyl peroxide	-	Cream or gel
Benzyl benzoate	-	Emulsion
Calamine	-	Lotion
Gentamicin	-	Ointment
Methyl salicylate	-	Ointment

*Essential Medicines List (Fifth Revision 2010)*

Group		Formulation
Neomycin+Bacitracin	-	Ointment, powder
Nystatin	-	Ointment, cream
Zinc oxide	-	Ointment
DRUGS AFFECTING THE BLOOD		
Ferrous salts	-	Oral liquid, tablet
Folic acid	-	Tablet
DIAGNOSTIC AGENT		
Tuberculin	-	Injection, PPD
DRESSINGS AND MEDICAL DEVICES		
Absorbent gauze bandages		
Cotton wool (absorbent)		
Disposable gloves, disposable syringes	-	5 mL with needles (19, 21 Gauge)
Disposable syringes	-	2 mL with needles (19, 21 Gauge)
EAR, NOSE AND THROAT DRUGS		
Chloramphenicol	-	Ear drops
GASTRO-INTESTINAL DRUGS		
Hydrocortisone + lidocaine	-	Suppository
Hyoscine N-butylbromide	-	Tablet
Magnesium trisilicate	-	Compound tablet, oral liquid
Oral Rehydration Salts		
Senna	-	Tablet
Zinc	-	Oral liquid, tablet
HORMONES AND SYNTHETIC SUBSTITUTES		
Barrier methods	-	Condoms with or without spermicide
Oral contraceptives	-	Tablet
IMMUNOLOGICALS		
Anti-snake bite serum	-	Injection
Anti-tetanus immunoglobulin (human)	-	Injection
B.C.G. vaccine	-	Injection
Diphtheria+pertussis+tetanus vaccine	-	Injection
Measles vaccine		



*Essential Medicines List (Fifth Revision 2010)*

Group		Formulation
Poliomyelitis vaccine	-	Oral liquid
Rabies immunoglobulin	-	Injection
Tetanus vaccine	-	Injection
OPHTHALMOLOGICAL DRUGS		
Chloramphenicol	-	Eye drops, ointment
Chlortetracycline	-	Eye ointment
OXYTOCIC		
Ergometrine	-	Tablet, injection
PSYCHOTHERAPEUTIC DRUG		
Chlorpromazine	-	Injection
RESPIRATORY DRUGS		
Beclomethasone	-	Inhaler
Salbutamol	-	Tablet, inhaler
VITAMINS AND MINERALS		
Ascorbic Acid (vitamin C)	-	Tablet
Calcium gluconate	-	Injection
Calcium salts	-	Tablet
Folic acid	-	Tablet
Vitamin A	-	Capsule
MISCELLANEOUS		
Water for injection	-	Injection
Spatulas		

THE PRIMARY HEALTH CARE LIST  
LEVEL B  
FOR VILLAGE DISPENSARIES  
(HEALTH WORKERS)

Group		Category / formulation
Absorbent gauze	-	Dressing
Acetylsalicylic acid (Aspirin)*	-	Tablet
*Not for children		
Artesunate + amodiaquine	-	Tablet
Artemether + lumefantrine	-	Oral liquid, tablet
Benzyl benzoate	-	Emulsion
Calamine lotion	-	Lotion
Chlorhexidine	-	Solution
Clinical Thermometer		
Condoms	-	Barrier method
Cotton wool / crepe bandages	-	Dressing
Ferrous salts	-	Tablet
Folic acid	-	Tablet
Mebendazole	-	Oral liquid, tablet
Methyl salicylate	-	Ointment
Methylated spirit	-	Solution
Paracetamol	-	Oral liquid, tablet
Plastic aprons		
Povidone iodine	-	Tincture
Salicylic acid + Benzoic acid (Whitfield's)	-	Ointment
Surgical blades		
Zinc oxide plaster	-	Dressing

LIST OF PRODUCTS TO BE STOCKED AND SOLD BY PATENT MEDICINE DEALERS/VENDORS

Group		Formulation
Analgesics and antipyretics		
Acetylsalicylic acid (aspirin)	-	Capsule, tablet, 300 mg
Ibuprofen	-	Capsule, tablet, 200 mg, 400 mg
Paracetamol	-	Oral liquid, 125 mg / 5 mL
	-	Tablets, 125 mg, 500 mg
Anthelmintics		
Levamisole	-	Oral liquid, 40 mg / 5 mL
	-	Tablet, 40 mg
Mebendazole	-	Oral liquid, 100 mg / 5 mL
	-	Tablet, 100 mg
Antacid drugs		
Aluminium hydroxide	-	Oral liquid, tablet
Magnesium trisilicate	-	Oral liquid, 100 mL, 200 mL
	-	Compound tablet
Anti-anaemia drugs		
Ferric ammonium citrate mixture	-	400 mg / 5 mL
Ferrous salts	-	Capsule / tablet
Folic acid	-	Tablet, 5 mg
Anti-diarrhoeal drugs		
Oral rehydration salts		
Antimalarials		
Artemether + amodiaquine	-	Tablet
Artemether + lumefantrine	-	15 mg + 90 mg in 5 mL
	-	Tablet, 80 mg + 480 mg
Sulphadoxine + pyrimethamine	-	Tablet, 25 mg + 500 mg

Group	Formulation
Antiseptic and disinfectant solutions	
Benzoic acid	- Compound tincture
Cetrimide + chlorhexidine	- solution, 15% + 1.5%
Chlorhexidine gluconate	- Solution, 5%
Chloroxylenol	- 5%
Dichloroxylenol + chlorophenol	- Soap, solution
Methylated spirit	- 50 mL, 100 mL
Povidone iodine	- Solution 30 mL, 60 mL
Sodium hypochlorite	- 1 10%, 250 mL, 500 mL
Contraceptives	
Condoms	
Foaming tablets	
Dermatological	
Anti-infective drugs	
Gentian violet	- Tincture 1%
Silver sulphadiazine	- Cream, 1%
Antipruritic and astringent drugs	
Calamine lotion	
Calamine + zinc oxide	- Lotion, plaster
Fungicides	
Benzoic acid	- Cream, ointment 6% + 3%
Clotrimazole	- Cream, dusting powder, ointment, 1%
Selenium sulfide	- Shampoo, 2.5%
Keratolytic and keratoplastic drugs	
Dithranol	- Ointment, 0.1 2%
Salicylic acid	- Ointment, 2.5%, solution, 12% in flexible Collodion
Scabicides and pediculicides	
Benzyl benzoate	- Emulsion, 25%
Monosulfiram	- Solution, soap, 25%
Dressings	
Absorbent gauze	
Cotton / crepe bandages	
Cotton wool	
Elastic plaster dressings	

Essential Medicines List (Fifth Revision 2010)

Group		Formulation
Dusting Powder	-	Zinc, starch and talc dusting powder with or without menthol
Mouthwash		
Hexetidine solution	-	0.1%
Non-specific (general) antidotes		
Charcoal, activated	-	Powder/granules, 5g, sachet
	-	Tablet, 1 g
Rubefaciants and Inhalers		
Methyl salicylate compound preparations	-	Balms, creams, embrocations, liniments,rubs,
	-	Ointments, oils and inhalers
Purgative drugs		
Magnesium hydroxide	-	Oral liquid,8% hydrated magnesium oxide
Magnesium sulfate	-	Granules, sachets, 5 g
	-	Oral liquid, 4 g in 10mL
Senna	-	Granules, tablets
Throat antiseptic preparations		
Dequalinium hydrochloride	-	Lozenges, 250 mg
Domiphen bromide	-	Lozenges, 1.5 mg
Hexetidine	-	Mouthwash, gargle, 0.1%
Menthol + ascorbic acid + hydrous citric acid	-	Lozenges (0.09% + 2.9412% + 0.8332% Respectively)
Menthol + eucalyptus oil + camphor + thymol	-	Lozenges (0.207% + 0.069% + 0.0007% + 0.0007% respectively)
Vitamins, minerals and nutritionals		
Ascorbic acid (vitamin C)	-	Oral liquid, 100 mg in 5 mL
	-	Tablets, 100 mg
Calcium salts	-	Tablets (gluconate), 600 mg
	-	Tablets (lactate), 300 mg
Cod liver oil	-	Capsules, oral liquid
Folic acid	-	Tablet, 5 mg
Glucose	-	Powder for oral use
Multivitamins	-	Capsule, drop, oral liquid, tablet
Vitamin B Complex	-	Oral liquid, tablet

## APPENDIX 1: APPROVED DOSES FOR VITAMINS

Vitamin	Age Group/Physiological State	Daily Dosage
Biotin	Adults	100 300 mg
Folic acid	Children	40 200 micrograms
	Adults	200 5,000 micrograms
Nicotinamide	Adults	15 30 mg (prophylaxis)
	Deficiency: Adults	50 250 mg (therapeutic)
Pantothenic acid	Children	0.5 3.5 mg
	Adults	1.0 7 mg
Vitamin A	Children	1,500 5,000 units
	Adults	5,000 10,000 units
	Pregnancy	5,000 6,000 units
	Lactation	5,000 10,000 units
	Deficiency	25,000 50,000 units
Vitamin B1 (thiamine)	Children	0.3 1 mg
	Adults	1 1.3 mg
	Deficiency: Children	5.0 50 mg
	Adults	200 300 mg
Vitamin B2 (riboflavin)	Children	1.0 1.8 mg
	Adults	0.3 1 mg
	Deficiency: Adults	5.0 30 mg
Vitamin B6 (pyridoxine hydrochloride)	Children	0.3 0.6 mg
	Adults	1.0 2.0 mg
	Deficiency: Children	20 50 mg
	Adults	50 400 mg

*Essential Medicines List (Fifth Revision 2010)*

Vitamin	Age Group/Physiological State	Daily Dosage
Vitamin B12 (cyanocobalamin)	Children	0.3 2 micrograms
	Adults	2.0 3.0 micrograms
	Deficiency: Adults	50 1,000 micrograms
Vitamin C (ascorbic acid)	Children	50 200 mg
	Adults	250 1,000 mg
Vitamin D (cholecalciferol)	Children	2.5 5 micrograms
	Adults	25 50 micrograms
Vitamin E	Children	3.0 15 mg
	Adults	50 200 mg
	Deficiency: Children	1,000 2,000 mg

\* Formulations containing various specified amounts of vitamins are accepted provided the formulations satisfy the vitamin requirements of the age and the physiological state of the intended user.

## APPENDIX 2: RESTRICTED DRUGS LIST

	Name of drug	Dosage forms and strengths
2.2	Narcotic antagonists (drugs for treatment of opioid dependence)	
	Methadone	- Tablet, 5 mg - Concentrate for oral liquid, 5 mg / mL, g / mL
5.3	Antibacterial drugs	
	Azithromycin	- Capsule, 250 mg
	Chloramphenicol	- Capsule, 250 mg - Injection, powder (sodium succinate), 1 g - Oral liquid (palmitate), 150 mg / 5 mL
	Ofloxacin	- Capsule, tablet, 200 mg - Injection 100 mg in 50 mL, 200 mg in 100 mL
5.7	Antimalarial drugs	
	Chloroquine	- Tablet (sulfate or phosphate) 200 mg ba
5.11.2	Systemic antifungal drugs	
	Terbinafine	- Tablet (hydrochloride), 250 mg
10.4	Drugs used in heart failure	
	Dopamine	- Injection (hydrochloride), 40 mg / mL in 5-mL vial
11.2	Local anaesthetics	
	Prilocaine	- Injection, 3% with felypressin 0.03 units / mL
12.4	Anti-inflammatory and antipruritic drugs	
	Clobetasol	- Cream, ointment (propionate), 0.05%
	Fluocinolone	- Cream, ointment (acetone), 0.025%
12.8	Sunscreen agents	
	Aminobenzoic acid	- Cream, 5% - Lotion, 5% - Paste, 5%
	Titanium dioxide	- Cream, 20 - 25% - Paste, 20 - 25%



Name of drug		Dosage forms and strengths
16.1	Anti-anaemia drugs Iron dextran	- Injection equivalent to 50 mg iron / mL, in 2-mL ampoule
21.1	Adrenal hormones and synthetic substitutes Fludrocortisone	- Tablet, 0.1 mg
	Methylprednisolone	- Injection (acetate), 40 mg / mL in 1-mL, 2-mL
21.4	Estrogens Stilboestrol	- Tablet, 0.5 mg, 1 mg, 5 mg, 25 mg
21.5	Drugs acting on pituitary-ovarian axis Chorionic gonadotropin	- Injection powder, 500 units, 1000 units, ampoule
	Danazol	- Capsules, 100 mg, 200 mg
	Epimestrol	- Tablet, 5mg
	Follicle-stimulating hormone (FSH) + luteinizing hormone (LH)	- Injection powder, 75 units + 75 units
21.7	Androgens Mesterolone	- Tablet, 25 mg
	Testosterone	- Injection (enantate) 200 mg in 1-mL ampoule
21.8.1	Antidiuretic Hormones Desmopressin	- Injection, 4 micrograms / mL - Intranasal solution, 100 micrograms / mL - Nasal spray, 10 micrograms/metered spray
	Vasopressin	- Injection, 20 units / mL in 1-mL ampoule
23.2	Diagnostic agents for endocrine disorders Luteinizing hormone-releasing hormone (LH-RH)	- Injection, 0.1 mg / mL in 1- mL ampoule
	Metirapone	- Capsule, tablet, 250 mg
	Thyrotropin releasing hormone (TRH)	- Injection, 0.2 mg / mL and 5-mL vials
	Triamcinolone	- Injection (acetate), 10 mg / mL, 40 mg /
23.3	Gastric function Histamine phosphate	- Injection, 1 mg / mL, ampoule
	Pengrastrin	- Injection, 0.25 mg / mL ampoule
	Tetracosactide	- Injection, (acetate) 1 mg / mL

*Essential Medicines List (Fifth Revision 2010)*

	Name of drug	Dosage forms and strengths
23.4	Myasthenia gravis Edrophonium	- Injection (chloride), 10 mg / mL
27.3.2	Drugs used in bipolar disorders	
	Lithium carbonate	- Capsule, tablet, 300 mg
	Pimozide	- Tablet, 4 mg, 10 mg
29.0	For management of incomplete abortion and miscarriage	
	Misoprostol	- Tablet: 200 micrograms
		- Vaginal tablet: 25 micrograms

**A**

Abacavir, 17  
 Acetazolamide, 32  
 Acetylcysteine, 13  
 Acetylsalicylic acid, 24, 36  
 Aciclovir, 17, 31  
 Albendazole, 14  
 Allopurinol, 12  
 Aluminium diacetate, 23  
 Aluminium hydroxide, 26  
 Aluminium hydroxide, 26  
 Amiloride + hydrochlorothiazide, 20,23  
 Aminocaproic acid, 25  
 Aminophylline, 24  
 Amitriptyline, 34  
 Amlodipine, 20  
 Amoxicillin, 14, 28, 36  
 Amoxicillin + clavulanic acid, 14  
 Amphotericin B, 18  
 Ampicillin + cloxacillin, 14  
 Antazoline, 32  
 Anti-D immunoglobulin (human), 30  
 Anti-gas gangrene, 30  
 Antiscorpion serum, 30  
 Antisnake-bite serum, 30, 38  
 Antitetanus immunoglobulin (human), 38  
 Artemether, 16  
 Artemether + lumefantrine, 16  
 Artesunate + amodiaquine, 16  
 Ascorbic acid (vitamin C), 35  
 Atenolol, 20  
 Atracurium, 11  
 Atropine, 11, 13, 32  
 Azathioprine, 19

**B**

B.C.G. vaccine, 31  
 Barium sulfate, 31  
 Beclomethasone, 26  
 Beclomethasone dipropionate, 24  
 Bendroflumazide, 23  
 Benzathine benzylpenicillin, 14  
 Benzhexol, 25

Benzhexol (trihexyphenidyl), 34  
 Benzoic acid + salicylic acid, 22  
 Benzoin, 19  
 Benzoyl peroxide, 22  
 Benzyl benzoate, 23  
 Benzylpenicillin, 14  
 Betamethasone, 24, 26  
 Biperiden, 25, 34  
 Biphasic isophane insulin, 29  
 Bisacodyl, 27  
 Bleomycin, 19  
 Bromocriptine, 30  
 Bupivacaine, 11  
 Busulfan, 19

**C**

Calamine + zinc oxide, 23  
 Calamine lotion, 22  
 Calcium salts, 35  
 Captopril, 21  
 Carbamazepine, 13, 34  
 Carbimazole, 30  
 Ceftriaxone, 15  
 Cefuroxime, 15  
 Cetrimide + chlorhexidine, 19  
 Charcoal, activated, 13  
 Chlorambucil, 19  
 Chloramphenicol, 26, 31  
 Chlorhexidine, 19  
 Chlorphenamine, 25  
 Chlorpromazine, 34  
 Cholera vaccine, 31  
 Ciclosporin, 19  
 Cimetidine, 28  
 Ciprofloxacin, 15  
 Cisplatin, 19  
 Clarithromycin, 28  
 Clindamycin, 15  
 Clofazimine, 16  
 Clomiphene, 30  
 Clomipramine, 34  
 Clotrimazole, 22  
 Cloxacillin, 15  
 Coal tar, 23

Codeine, 28  
 Copper, 29  
 Co-trimoxazole, 15  
 Cyanocobalamin (vitamin B<sub>12</sub>), 35  
 Cyclophosphamide, 19  
 Cytarabine, 19

**D**

Dactinomycin, 19  
 Dapsone, 16  
 Darrow's solution, 33  
 Deferoxamine, 13  
 Dexamethasone, 19, 25, 29  
 Dextran 20  
 Dextromethorphan hydrobromide, 24  
 Diazepam, 11, 13, 34  
 Dichloroxylenol + chlorophenol, 19  
 Diclofenac, 12  
 Didanosine, 17  
 Diethylcarbarmazine, 16  
 Digoxin, 21  
 Dihydrocodeine, 12  
 Dimercaprol, 13  
 Diphenoxylate, 28  
 Diphtheria + pertussis + tetanus vaccine, 31  
 Disopyramide, 20  
 Dithranol, 23  
 Doxorubicin, 19  
 Doxycycline, 15

**E**

Efavirenz, 17  
 Enoxaparin, 24  
 Ephedrine, 26  
 Epinephrine, 25  
 Epinephrine (adrenaline), 24, 25  
 Ergocalciferol, 35  
 Ergometrine, 33  
 Ergotamine, 18  
 Erythromycin, 15  
 Ethambutol, 17  
 Ethinylestradiol, 30  
 Ethinylestradiol + levonorgestrel, 29  
 Ethinylestradiol + norethisterone, 30

Ethosuximide, 13

**F**

Fentanyl, 12  
 Ferric ammonium citrate, 24  
 Ferrous sulfate, 24  
 Fluconazole, 18  
 Flumetasone + clioquinol, 26  
 Fluorescein, 31  
 Fluorescein sodium, 32  
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