

FOREWORD

The concept of essential drugs can be traced back to the Non-Aligned Summit Conference held in Sri Lanka in 1976. The conference adopted a special resolution on drugs, which included the idea that a list of the most essential medicines be compiled. The World Health Organization published its first list in 1977.

This is the third revision of the Essential Drugs List which was first published in 1985 and it is aimed at supplying safe, effective drugs of acceptable quality to the people of Sri Lanka at affordable prices.

We are grateful for the valuable inputs made by members of the expert committee involved in the compilation of the lists of medicines and for the financial assistance provided by the World Health Organization (WHO) for printing this booklet.

I would gladly welcome comments on any shortcomings in this document which could be made use to improve the next revision

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Ministry of Healthcare and Nutrition,
“Suwasiripaya”,
Re. Baddegama Wimalawansa Thero Mawatha,
Colombo 10.

MESSAGE FORM THE DIRECTOR GENERAL OF HEALTH SERVICES

I am pleased to send this message to the third revision of the Essential Drugs List which has been compiled in keeping with the following main objectives of the National Drug Policy of the Ministry of Healthcare and

Nutrition :

- to ensure the availability and affordability of efficacious, safe and good quality medicines relevant to the health care needs of the people in a sustainable and equitable manner ;
- to promote the rational use of medicines by healthcare professionals and consumers. ;
- to promote local manufacture of Essential Medicines.

I take this opportunity to congratulate Dr. U.A. Mendis for his efforts to publish this booklet.

My sincere thanks are due to all members of the expert committee for their contribution and I owe a special word of thanks to Prof. Rohini Fernandopulle for taking a leading role to make it a reality.

Dr. Athula Kahandaliyanage
Director General of Health Services,
Ministry of Healthcare and Nutrition,
“Suwasiripaya”,
Re. Baddegama Wimalawansa Thero Mawatha,
Colombo 10.

INTRODUCTION

The review of the National Essential Medicines list 1999 was overdue in context of the rapidly changing evidence based knowledge on therapeutic products. Furthermore in spite of Ministry of Health spending SLR 4000 and 6000 billion in 2004 and 2005 respectively, unavailability of essential medicines was a frequent problem in the public sector.

In 2004 the Director General of Health Services appointed an expert committee to select essential medicines on the basis of efficacy, safety and sustainability.

The committee comprised of :

Prof Rohini Fernandopulle - Chairperson

Dr Shalini Sri Ranganathan - Convenor

Ms Chinta Abayawardana - Secretary

Health Ministry officials

Medical Administrators and Pharmacists of the Line Ministry and Provincial health institutions and Specialized Campaigns

Academic members from Clinical Pharmacology Departments of universities.

Representatives of Professional Colleges and Associations :

Anaesthetists

Cardiologists

Dental surgeons

Dermatologists

General Practitioners

Microbiologists

Neurologists

Obstetricians & Gynaecologists

Oncologists

Ophthalmologists

Otorhinolaryngologists

Paediatricians

Pharmacists

Physicians

Psychiatrists

Radiologists
Respiratory Physicians
Surgeons

A Hospital Formulary List of Medicines for use in the public sector was first compiled based on the evidence, procurement and local purchase lists of the Medical Supplies Division of the Ministry of Health, and experience and knowledge of the medical professionals and pharmacists. An Essential Medicine List was identified from the Hospital Formulary within the context of our health budget.

The committee adhered to the WHO definition of essential medicines. “Essential medicines are those that satisfy the priority health care needs of the population and are intended to be available at all times in adequate amounts in the appropriate dosage forms”. The criteria adopted for identifying the essential list of medicines were:

- pattern of prevalent diseases
- financial resources
- information available on efficacy safety and comparative cost effectiveness of the medicines
- expert opinions of medical professionals in the country
- available health delivery infrastructure: treatment facilities, training and experience of the health care professionals
- principles and concepts of the WHO essential medicines list.

The distribution of medicines in the Essential Medicines List (EML) and Hospital Formulary List (HFL) will not be equitable and would depend on the available facilities and training and clinical experience and therapeutic knowledge of the health care personnel. Medicines which need special skills for use or in the use of which special diagnostic or monitoring facilities are required will be included in the HFL.

The committee hopes to review the list every 2 years to keep it up to date with evidence based information.

LIST OF ESSENTIAL MEDICINES

1. ANAESTHETICS

1.1 GENERAL ANAESTHETICS AND OXYGEN

Halothane inhalation
Ketamine injection
Nitrous oxide inhalation (medicinal gas)
Oxygen inhalation (medicinal gas)
Thiopental powder for injection

1.2 LOCAL ANAESTHETICS

Bupivacaine injection
Lidocaine injection, topical solution, gel
Lidocaine + epinephrine (adrenaline) injection

1.3 PREOPERATIVE MEDICATION AND SEDATION FOR SHORT-TERM PROCEDURES

Atropine injection
Chloral hydrate crystals to prepare solution
Diazepam injection, tablet, rectal solution
Morphine injection
Promethazine hydrochloride syrup

2. ANALGESICS, ANTIPYRETICS, NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIDs), MEDICINES USED TO TREAT GOUT AND DISEASE MODIFYING AGENTS IN RHEUMATOID DISORDERS (DMARDs)

2.1 NON-OPIOIDS AND NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIDs)

Acetylsalicylic acid tablet
Diclofenac tablet, suppository
Ibuprofen syrup, tablet
Paracetamol syrup, tablet

2.2 OPIOID ANALGESICS

Codeine phosphate powder to prepare syrup, tablet

Morphine injection, tablet, oral solution
Paracetamol + codeine tablet
Pethidine hydrochloride injection
Tramadol capsule or tablet

2.3 MEDICINES USED TO TREAT GOUT

Allopurinol tablet

2.4 DISEASE MODIFYING AGENTS USED IN RHEUMATOID DISORDERS (DMARDs)

Azathioprine tablet
Hydroxychloroquine tablet
Methotrexate tablet (as sodium salt)
Methylprednisolone IV injection (depot preparation)
Sulphasalazine tablet

3. ANTIALLERGICS AND MEDICINES USED IN ANAPHYLAXIS

Cetirizine tablet
Chlorpheniramine maleate injection, syrup, tablet
Epinephrine (adrenaline) injection, (hydrogen tartrate)
Hydrocortisone hemisuccinate powder for injection
Prednisolone tablet
Promethazine as hydrochloride injection, syrup, tablet

4. ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING

4.1 NON-SPECIFIC

Charcoal, activated powder for oral suspension
Fuller's earth, powder for oral suspension

4.2 SPECIFIC

Acetylcysteine injection
Atropine injection
Calcium folinate injection, tablet
Deferiprone capsule
Desferroxamine mesilate powder for injection

Magnesium sulfate injection
Methionine tablet
Methylthionium chloride (methylene blue) injection
Naloxone hydrochloride injection
Neostigmine methylsulfate injection
Penicillamine capsule or tablet
Pralidoxime injection
Protamine sulfate injection

5. ANTICONVULSANTS/ANTIEPILEPTICS

Carbamazepine syrup, tablet
Diazepam injection, rectal solution
Magnesium sulfate injection
Phenobarbitone sodium injection, tablet
Paraldehyde injection (peanut oil)
Phenytoin sodium capsule or tablet
Valproic acid (sodium salt) syrup, tablet (enteric coated)

6. ANTI-INFECTIVE MEDICINES

6.1 ANTHELMINTICS

Diethylcarbamazine citrate tablet
Mebendazole tablet

6.2 ANTIBACTERIALS

6.2.1 *Beta Lactam medicines*

Amoxicillin (as sodium salt) + clavulanic acid (as potassium salt)
powder for injection, tablet, (as trihydrate + potassium salt),
suspension, (as trihydrate + potassium salt)
Amoxicillin capsule, powder for oral suspension
Ampicillin powder for injection, (as sodium salt) in vial
Benzathine benzylpenicillin powder for injection
Benzylpenicillin powder for injection
Cefalexin capsule, powder for oral suspension
Cefotaxime powder for injection, (as sodium salt)
Ceftazidime powder for injection, (as pentahydrate)
Ceftriaxone powder for injection (as sodium salt)

Cefuroxime powder for injection, (as sodium salt), tablet (as axetil), powder for oral suspension
Cloxacillin capsule, injection, powder for oral suspension
Phenoxymethylpenicillin powder for oral solution, tablet

6.2.2 Other antibacterials

Amikacin sulfate injection
Ciprofloxacin tablet (as hydrochloride)
Doxycycline hydrochloride capsule or tablet
Erythromycin (as stearate or ethyl succinate) powder for oral suspension, tablet
Furazolidone tablet, oral suspension
Gentamicin injection
Metronidazole injection, oral suspension (as benzoate), tablet
Nalidixic acid oral suspension, tablet
Nitrofurantoin oral suspension, tablet
Sulfamethoxazole + trimethoprim oral suspension, tablet
Trimethoprim syrup, tablet

6.2.3 Antileprosy medicines

Clofazimine capsule
Dapsone tablet
Rifampicin capsule

6.2.4 Antituberculosis medicines

Ethambutol hydrochloride tablet
Isoniazid tablet
Pyrazinamide tablet
Rifampicin capsule
Streptomycin powder for injection

6.3 ANTIFUNGAL MEDICINES

Amphotericin B injection
Clotrimazole vaginal tablet, vaginal cream
Fluconazole capsule
Griseofulvin capsule or tablet
Nystatin cream, tablet, lozenge, pessary

6.4 Antiviral medicines

6.4.1 *Antiherpes medicines*

Aciclovir tablet, powder for injection

6.4.2 *Antiretrovirals*

6.4.2.1 *Nucleoside reverse transcriptase inhibitors*

6.4.2.2 *Non-nucleoside reverse transcriptase inhibitors*

6.4.2.3 *Protease inhibitors*

6.5 ANTIPROTOZOAL MEDICINES

6.5.1 *Antiamoebic and anti giardiasis medicines*

Metronidazole tablet, injection, oral suspension (as benzoate)

6.5.2 *Antileishmaniasis medicines*

6.5.3 *Antimalarial medicines*

6.5.3.1 *For curative treatment*

Chloroquine syrup, tablet, (as phosphate or sulfate)

Primaquine tablet (as diphosphate)

Quinine injection, (as dihydrochloride), tablet, (as bisulfate or sulfate)

Sulfadoxine + pyrimethamine tablet

6.5.3.2 *For prophylaxis*

Chloroquine syrup, tablet (as phosphate or sulfate)

6.5.4 *Anti-pneumocystosis and antitoxoplasmosis medicines*

6.5.5 *Antitrypanosomal medicines*

7. ANTIMIGRAINE MEDICINES

7.1 FOR TREATMENT OF ACUTE ATTACK

Acetylsalicylic acid tablet
Domperidone tablet
Metoclopramide tablet, injection
Paracetamol tablet
Prochlorperazine tablet

7.2 FOR PROPHYLAXIS

Cyproheptadine tablet
Propranolol hydrochloride tablet

8. ANTINEOPLASTIC, IMMUNOSUPPRESSIVES AND MEDICINES USED IN PALLIATIVE CARE

8.1 IMMUNOSUPPRESSIVE MEDICINES

Azathioprine tablet
Ciclosporin capsule, concentrate for injection

8.2 CYTOTOXIC MEDICINES

Cyclophosphamide injection, tablet
Calcium folinate tablet, injection
Mercaptopurine tablet
Methotrexate sodium powder for injection, tablet

8.3 HORMONES AND ANTIHORMONES

Dexamethasone phosphate injection
Megestrol acetate tablet
Methylprednisolone injection
Prednisolone tablet
Tamoxifen citrate tablet

8.4 MEDICINES USED IN PALLIATIVE CARE

Buprenorphine injection
Morphine injection, tablet, oral solution
Tramadol capsule or tablet

9. ANTIPARKINSONISM MEDICINES

Benzhexol hydrochloride tablet
Bromocriptine tablet
Levodopa + carbidopa tablet

10. MEDICINES AFFECTING THE BLOOD

10.1 ANTIANAEMIA MEDICINES

Ferrous salt tablet, syrup
Folic acid tablet
Hydroxocobalamin injection

10.2 MEDICINES AFFECTING COAGULATION

Enoxaparin injection
Heparin injection
Phytomenadione injection, tablet
Protamine sulfate injection
Warfarin sodium tablet

11. BLOOD PRODUCTS AND PLASMA SUBSTITUTES

11.1 PLASMA SUBSTITUTES

Dextran 70 injectable solution
Starch injectable solution

11.2 PLASMA FRACTIONS FOR SPECIFIC USE

12. CARDIOVASCULAR MEDICINES

12.1 ANTIANGINAL MEDICINES

Atenolol tablet
Glyceryl trinitrate tablet (sublingual)
Isosorbide dinitrate tablet
Verapamil hydrochloride tablet

12.2 ANTIARRHYTHMIC MEDICINES

Amiodarone tablet
Atenolol tablet
Atropine injection
Digoxin tablet, oral solution
Lidocaine injection (hydrochloride) (preservative free)
Verapamil hydrochloride injection, tablet

12.3 ANTIHYPERTENSIVE MEDICINES

Atenolol tablet
Diltiazem hydrochloride tablet (SR)
Enalapril maleate tablet
Hydralazine hydrochloride tablet, injection
Hydrochlorothiazide tablet
Methyldopa tablet (for pregnancy induced hypertension)
Nifedipine tablet (SR)
Prazosin hydrochloride tablet

12.4 MEDICINES USED IN HEART FAILURE

Carvedilol hydrochloride tablet
Digoxin oral solution, tablet
Enalapril maleate tablet
Furosemide injection, tablet
Hydrochlorothiazide tablet
Spironolactone tablet

12.4.1 *Vasoconstrictors (sympathomimetics)*

Dopamine / Dobutamine injection
Ephedrine hydrochloride injection

12.5 ANTITHROMBOTIC MEDICINES

Acetylsalicylic acid tablet
Streptokinase injection

12.6 LIPID-LOWERING AGENTS

Atorvastatin tablet (as calcium trihydrate)
Gemfibrozil capsule

13. DERMATOLOGICAL MEDICINES (topical)

13.1 ANTIFUNGAL MEDICINES

Benzoic acid + salicylic acid ointment or cream
Clotrimazole cream

13.2 ANTI-INFECTIVE MEDICINES

Cetrimide shampoo, cream
Framycetin sulfate cream
Povidone-iodine aqueous solution, ointment

13.3 ANTI-INFLAMMATORY AND ANTIPRURITIC MEDICINES

Calamine lotion
Flucinolone acetonide cream, ointment
Hydrocortisone acetate cream, ointment
Betamethasone valerate cream, ointment

13.4 ASTRINGENT MEDICINES

Lead subacetate solution (strong)
Magenta solution
Potassium permanganate aqueous solution
Silver nitrate Solution

13.5 MEDICINES AFFECTING SKIN DIFFERENTIATION AND PROLIFERATION

Aqueous cream
Coal tar solution
Coconut oil compound shampoo
Dithranol ointment
Emulsifying ointment
Podophyllum resin solution
Salicylic acid solution
Urea ointment or cream

13.6 SCABICIDES AND PEDICULICIDES

Benzyl benzoate application
Permethrin /Malathion lotion
Sulphur ointment

13.7 ULTRAVIOLET BLOCKING AGENTS

Zinc oxide ointment

13.8 PREPARATIONS FOR ACNE

13.8.1 Oral preparations for acne

13.8.2 Topical preparations for acne

Benzoyl peroxide cream

Tretinoin cream

14. DIAGNOSTIC AGENTS

14.1 OPHTHALMIC MEDICINES

Fluorescein sodium eye drops

14.2 RADIO CONTRAST MEDIA

14.2.1 Low osmolar non-ionic intravenous contrast media

(for institutions where X-ray machines are available)

Iohexol Injection

Iopamidol Injection

Iopomide Injection

Ioversol Injection

14.2.2 Gastrointestinal contrast media

Barium sulfate oral suspension (or rectal suspension)

Radio labeled iodine oral preparation

15. ANTISEPTICS AND DISINFECTANTS

15.1 ANTISEPTICS

Chlorhexidine digluconate solution for dilution

Ethanol solution (denatured)

Hydrogen peroxide solution

Povidone iodine solution

Surgical spirit

15.2 DISINFECTANTS

Chlorine base compound powder
Glutaraldehyde solution
Phenolic compound solution

16. DIURETICS

Amiloride hydrochloride tablet
Furosemide injection, tablet
Hydrochlorothiazide tablet
Mannitol injectable solution
Spironolactone tablet

17. GASTROINTESTINAL MEDICINES

17.1 ANTACIDS AND OTHER ANTIULCER MEDICINES

Aluminium hydroxide combination oral suspension, tablet
Famotidine/ Ranitidine tablet
Omeprazole capsule
Ranitidine injection
Sodium citrate solution

17.2 ANTIEMETIC MEDICINES

Domperidone suppository, suspension, tablet
Metoclopramide hydrochloride injection, tablet
Promethazine hydrochloride syrup, injection, tablet

17.3 ANTI-INFLAMMATORY MEDICINES

Hydrocortisone acetate retention enema, suppository
Sulfasalazine tablet

17.4. LAXATIVES

Bisacodyl suppository, tablet
Lactulose solution
Phosphate enema

17.5 MEDICINES USED IN DIARRHEA

17.5.1 Oral rehydration

Oral rehydration salts* (for glucose-electrolyte solution)

Glucose:	75 meq
Sodium:	75 meq or mmol/l
Chloride:	65 meq or mmol/l
Potassium:	20 meq or mmol/l
Citrate:	10 mmol/l
Osmolarity:	245 mosm/l

glucose :	13.5 g/l
sodium chloride	2.6 g/l
potassium chloride	1.5 g/l
trisodium citrate dihydrate+ :	2.9 g/l

+ trisodium citrate dihydrate may be replaced by sodium hydrogen carbonate (sodium carbonate) 2.5 g/l. However, as the stability of this latter formulation is very poor under tropical conditions, it is only recommended when manufactured for immediate use.

* in cases of cholera a higher concentration of sodium may be required.

17.5.2 Medicines used for diarrhea for children

Zinc sulfate tablet (effervescent)

17.6 ANTISPASMODIC MEDICINES

Propantheline bromide tablet

18. HORMONES, OTHER ENDOCRINE MEDICINES AND CONTRACEPTIVES

18.1 ADRENAL HORMONES AND SYNTHETIC SUBSTITUTES

Hydrocortisone sodium succinate injection

Prednisolone tablet

18.2 ANDROGENS

Testosterone injection (enantate/propionate)

18.3 CONTRACEPTIVES

18.3.1 Oral hormonal contraceptives

Ethinylestradiol + levonorgestrel tablet

Ethinylestradiol + norethisterone tablet

Levonorgestrel tablet

18.3.2 Injectable hormonal contraceptives

Medroxyprogesterone acetate depot injection

18.4 ESTROGENS

Conjugated estrogens tablet

Ethinylestradiol tablet

18.5 PROGESTOGENS

Norethisterone tablet

18.6 OVULATION INDUCERS

Clomifene citrate tablet

18.7 INSULINS AND OTHER ANTIDIABETIC AGENTS

Glibenclamide tablet

Insulin injection (short acting and intermediate acting)

Metformin hydrochloride tablet

Tolbutamide tablet

18.8 THYROID HORMONES AND ANTITHYROID MEDICINES

Carbimazole /Methimazole tablet,

Iodine aqueous solution

Levothyroxine sodium tablet

Propylthiouracil tablet

18.9 HYPOTHALAMIC AND PITUITARY HORMONES

Vasopressin injection

18.10 ANTIGONADOTROPHINS

19 IMMUNOLOGICALS

19.1 DIAGNOSTIC AGENTS

Tuberculin, Purified Protein Derivative (PPD) injection

19.2 SERA AND IMMUNOGLOBULIN

Anti-D (Rh₀) immunoglobulin (human) injection

Antitetanus immunoglobulin injection

Antivenom serum injection

Rabies immunoglobulin injection

19.3 VACCINES

19.3.1 For universal immunization

Bacillus Calmette Guerin (BCG) vaccine injection

Diphtheria and tetanus (DT) vaccine injection

Diphtheria and tetanus (adult) (aDT) vaccine injection

Diphtheria, tetanus and pertussis (DPT) vaccine injection

Hepatitis B vaccine Injection

Japanese encephalitis vaccine injection

Measles vaccine injection

Measles rubella vaccine injection

Poliomyelitis vaccine (OPV) oral drops

Rubella vaccine injection

Tetanus toxoid (TT) vaccine injection

19.3.2 for specific groups of individuals

Rabies inactivated tissue culture vaccine injection

20. MUSCLE RELAXANTS (PERIPHERALLY ACTING) AND CHOLINESTERASE INHIBITORS

Atracurium besilate injection

Neostigmine injection (metilsulfate), tablet (bromide)

Suxamethonium chloride injection

21. OPHTHALMOLOGICAL PREPARATIONS

21.1 ANTI-INFECTIVE AGENTS

Aciclovir eye ointment
Chloramphenicol eye drops, eye ointment
Tobramycin + Dexamethasone eye drops

21.2 ANTI-INFLAMMATORY AGENTS

Dexamethasone sodium phosphate eye drops
Hydrocortisone acetate eye drops, eye ointment
Prednisolone sodium phosphate eye drops

21.3 LOCAL ANAESTHETICS

Lidocaine eye drops, gel
Lidocaine + epinephrine eye drops

21.4 MIOTICS AND ANTIGLAUCOMA MEDICINES

Acetazolamide tablet
Pilocarpine hydrochloride eye drops
Timolol maleate eye drops

21.5 MYDRIATICS

Homatropine hydrobromide eye drops
Phenylephrine hydrochloride eye drops
Tropicamide eye drops

22. MEDICINES ACTING ON THE GENITOURINARY TRACT

22.1 OXYTOCICS

Ergometrine hydrogen maleate injection
Oxytocin injection
Oxytocin + Ergometrine (combination) injection

22.2 ANTIOXYTOCICS

Nifedipine immediate release capsule

22.3 PROSTAGLANDINS

22.4 MEDICINES FOR BENIGN PROSTATIC HYPERPLASIA

Prazosin hydrochloride tablet

22.5 URINARY ANTISPASMODICS

Duloxetine capsule

Probantheline bromide

23. PERITONEAL DIALYSIS SOLUTION

Intraperitoneal dialysis solution

24. PSYCHOTHERAPEUTIC MEDICINES

24.1 MEDICINES USED IN PSYCHOTIC DISORDERS

Chlorpromazine hydrochloride injection, tablet, syrup

Fluphenazine (decanoate or enantate) injection

Haloperidol tablet, injection

Risperidone tablet

Trifluoperazine hydrochloride tablet

24.2 MEDICINES USED IN MOOD DISORDERS

24.2.1 *Medicines used in depressive disorders*

Amitriptyline hydrochloride tablet

Fluoxetine hydrochloride capsule

Imipramine hydrochloride tablet

24.2.2 *Medicines used in bipolar disorders*

Carbamazepine tablet

Lithium carbonate capsule or tablet

Valproic acid (sodium salt) tablet (enteric coated)

24.3 MEDICINES USED IN GENERALIZED ANXIETY AND SLEEP DISORDERS

Chlordiazepoxide tablet

Diazepam tablet

24.4 MEDICINES USED FOR OBSESSIVE COMPULSIVE DISORDERS AND PANIC ATTACKS

Clomipramine hydrochloride capsule
Fluoxetine hydrochloride capsule

24.5 MEDICINES USED IN SUBSTANCE DEPENDENCE

Methadone hydrochloride tablet

25. MEDICINES ACTING ON THE RESPIRATORY TRACT

Antiasthmatics and medicines for chronic obstructive pulmonary disease

Aminophylline injection
Beclometasone dipropionate inhaler
Ipratropium bromide dry powder capsule for breath induced device, respiratory solution
Salbutamol sulfate inhalation (aerosol), dry powder capsule, for breath induced device, respirator solution for use in nebulizers, syrup, tablet
Theophylline syrup, tablet (modified release)

26. SOLUTIONS CORRECTING WATER, ELECTROLYTE, ACID-BASE AND NUTRITIONAL DISTURBANCES

26.1 SOLUTIONS CORRECTING WATER, ELECTROLYTE, AND ACID-BASE DISTURBANCES

26.1.1 Oral

Oral rehydration salts (for glucose-electrolyte solution) see section 17.5.1
potassium chloride MR tablet

26.1.2 Parenteral

Glucose injectable solution
Glucose with sodium chloride injectable solution
Potassium chloride injection
Sodium bicarbonate injectable solution
Sodium chloride injectable solution
Sodium lactate compound injectable solution

26.2. INTRAVENOUS NUTRITION

Aminoacid injection

26.3 MISCELLANEOUS

Water for injection

27. VITAMINS AND MINERALS

Alfacalcidol capsule

Ascorbic acid tablet

Calcium carbonate/lactate tablet

Calcium gluconate injection

Ergocalciferol capsule

Hydroxocobalamin injection

Pyridoxine hydrochloride tablet

Retinol palmitate capsule

Thiamine hydrochloride tablet, injection

Vitamin A + vitamin D capsule

Vitamin B complex tablet, injection

28. MEDICINES ACTING ON EAR, NOSE AND OROPHARYNX

28.1 MEDICINES ACTING ON THE EAR

Betamethasone + Neomycin ear drops

Chloramphenicol ear drops

Clotrimazole ear drops

Ichthammol liquid

Sodium bicarbonate ear drops

28.2 MEDICINES ACTING ON THE NOSE

Beclomethasone nasal drops, nasal spray

Xylometazoline nasal drops

28.3 MEDICINES ACTING ON THE OROPHARYNX

Nystatin oral suspension

Povidone iodine mouthwash

28.4 MEDICINES FOR VERTIGO

Cinnarazine tablet

Prochlorperazine injection

NATIONAL LIST OF MEDICINES

1. ANAESTHETICS

1.1 GENERAL ANAESTHETICS AND OXYGEN

- Halothane inhalation
- Isoflurane inhalation
- Ketamine injection
- Nitrous oxide Inhalation (medicinal gas)
- Oxygen inhalation (medicinal gas)
- Propofol injection
- Thiopental powder for injection

1.2 LOCAL ANAESTHETICS

- Bupivacaine injection
- Lidocaine injection, topical solution, gel
- Lidocaine + epinephrine (adrenaline) injection
- Lidocaine + prilocaine cream

1.3 PREOPERATIVE MEDICATION AND SEDATION FOR SHORT-TERM PROCEDURES

- Atropine injection
- Chloral hydrate crystals to prepare solution
- Diazepam injection, tablet, rectal solution
- Morphine injection,
- Promethazine hydrochloride syrup

2. ANALGESICS, ANTIPYRETICS, NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIDs), MEDICINES USED TO TREAT GOUT AND DISEASE MODIFYING AGENTS IN RHEUMATOID DISORDERS (DMARDs)

2.1 NON-OPIOIDS AND NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES (NSAIDs)

- Acetylsalicylic acid tablet
- Diclofenac tablet, suppository
- Ibuprofen syrup, tablet
- Paracetamol syrup, tablet

2.2 OPIOID ANALGESICS

Codeine phosphate powder to prepare syrup, tablet
Fentanyl citrate injection
Morphine injection, tablet, oral solution
Paracetamol + codeine tablet
Pethidine injection (hydrochloride)
Tramadol capsule or tablet

2.3 MEDICINES USED TO TREAT GOUT

Allopurinol tablet

2.4 DISEASE MODIFYING AGENTS USED IN RHEUMATOID DISORDERS (DMARDs)

Azathioprine tablet,
Hydroxychloroquine tablet,
Methotrexate tablet (as sodium salt)
Methylprednisolone IV injection injection (depot preparation)
Penicillamine capsule/tablet
Sulfasalazine tablet
Sodium aurothiomalate injection

3. ANTIALLERGICS AND MEDICINES USED IN ANAPHYLAXIS

Cetirizine tablet
Chlorpheniramine maleate injection, syrup, tablet
Epinephrine (adrenaline) injection, (hydrogen tartrate)
Hydrocortisone hemisuccinate powder for injection
Prednisolone tablet
Promethazine as hydrochloride injection, syrup, tablet

4. ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING

4.2 NON-SPECIFIC

Charcoal, activated powder for oral suspension
Fuller's earth, powder for oral suspension

4.3 SPECIFIC

Acetylcysteine injection
Atropine injection
Calcium folinate injection, tablet
Dimercaprol injection
Ethanol injection
Flumazenil injection
Glucagon powder for injection
Isoprenaline injection
Magnesium sulfate injection
Methionine tablet
Methylthionium chloride (methylene blue) injection
Naloxone hydrochloride injection
Neostigmine methylsulfate injection
Penicillamine capsule or tablet
Pralidoxime injection
Deferiprone capsule
Desferoxamine mesilate powder for injection
Protamine sulfate injection
Sodium calcium edetate injection
Sodium nitrite injection
Sodium thiosulfate injection

5. ANTICONVULSANTS/ANTIEPILEPTICS

Adrenocorticotrophic hormone (ACTH) injection
Carbamazepine syrup, tablet
Diazepam injection, rectal solution
Clonazepam tablet
Ethosuximide capsule
Lamotrigine tablet
Magnesium sulfate injection
Paraldehyde injection (peanut oil)
Phenobarbitone sodium injection, tablet
Phenytoin sodium injection, capsule or tablet
Topiramate tablet
Valproic acid (sodium salt) syrup, tablet (enteric coated)
Vigabatrin tablet

6. ANTI-INFECTIVE MEDICINES

6.1 ANTHELMINTICS

Albendazole tablet
Diethylcarbamazine citrate tablet
Mebendazole tablet
Niclosamide tablet
Praziquantel tablet

6.2 ANTIBACTERIALS

6.2.1 *Beta Lactam medicines*

Amoxicillin (as sodium salt) + clavulanic acid (as potassium salt) powder for injection, tablet, (as trihydrate + potassium salt), suspension, (as trihydrate + potassium salt)
Amoxicillin capsule, powder for oral suspension
Ampicillin powder for injection, (as sodium salt) in vial
Benzathine benzylpenicillin powder for injection
Benzylpenicillin powder for injection
Cefalexin capsule, powder for oral suspension
Cefipime injection
Cefotaxime powder for injection, (as sodium salt)
Ceftazidime powder for injection, (as pentahydrate)
Ceftriaxone powder for injection (as sodium salt)
Cefuroxime powder for injection, (as sodium salt), tablet (as axetil), powder for oral suspension
Cloxacillin capsule, injection, powder for oral suspension
Meropenem injection (as trihydrate) / Imipenam injection (as trihydrate)
Phenoxymethylpenicillin powder for oral suspension, tablet
Procaine benzylpenicillin powder for injection

6.2.2 *Other antibacterials*

Amikacin sulfate injection
Azithromycin capsule, oral suspension
Ciprofloxacin tablet(as hydrochloride), infusion, (as lactate)
Clarithromycin suspension, tablet, injection
Doxycycline hydrochloride) capsule or tablet
Erythromycin (as stearate or ethyl succinate) powder for oral suspension, tablet

Furazolidone tablet, oral suspension
Gentamicin injection
Metronidazole injection, oral suspension (as benzoate), tablet
Nalidixic acid oral suspension, tablet
Netilmicin sulfate injection
Nitrofurantoin oral suspension, tablet
Sulfadiazine injection (as sodium salt)
Sulfamethoxazole + trimethoprim oral suspension, tablet
Teicoplanin injection
Trimethoprim syrup, tablet
Vancomycin injection

6.2.3 Antileprosy medicines

Clofazimine capsule
Dapsone tablet
Rifampicin capsule
Ofloxacin tablet
Thalidomide tablet

6.2.4 Antituberculosis medicines

Cycloserine capsule
Ethambutol hydrochloride tablet
Isoniazid tablet
Pyrazinamide tablet
Rifampicin capsule
Streptomycin powder for injection

6.3 ANTIFUNGAL MEDICINES

Amphotericin B powder for injection
Clotrimazole vaginal tablet, vaginal cream
Fluconazole capsule, injection, oral suspension
Griseofulvin capsule or tablet
Itraconazole tablet
Nystatin cream, tablet, lozenge, pessary
Potassium iodide solution

6.4 ANTIVIRAL MEDICINES

6.4.1 *Antiherpes medicines*

Aciclovir tablet, powder for injection

6.4.2 *Antiretrovirals*

6.4.2.1 *Nucleoside reverse transcriptase inhibitors*

Lamivudine (3TC) oral solution, tablet

Nevirapine (NVP) oral suspension, tablet

Stavudine (d4t) capsule

Zidovudine (ZDV or AZT) oral solution or syrup, capsule

6.4.2.2 *Non-nucleoside reverse transcriptase inhibitors*

Efavirenz (EFV or AZT) capsule

6.4.2.3 *Protease inhibitors*

Indinavir (IDV) capsule (as sulfate)

6.5 ANTIPROTOZOAL MEDICINES

6.5.1 *Antiamoebic and anti giardiasis medicines*

Metronidazole tablet, injection, oral suspension (as benzoate)

6.5.2 *Antileishmaniasis medicines*

Sodium stibogluconate (small volume) injection

6.5.3 *Antimalarial medicines*

6.5.3.1 *For curative treatment*

Artemether + lumefantrine tablet

Artesunate tablet

Chloroquine syrup, tablet, (as phosphate or sulfate)

Mefloquine hydrochloride tablet

Primaquine tablet (as diphosphate)

Quinine injection, (as dihydrochloride), tablet, (as bisulfate or sulfate)

Sulfadoxine + pyrimethamine tablet

6.5.3.2 For prophylaxis

Chloroquine syrup, tablet (as phosphate or sulfate)

6.5.4 Anti-pneumocystosis and antitoxoplasmosis medicines

Sulfamethoxazole + trimethoprim oral suspension, tablet

Pyrimethamine tablet

6.5.5 Antitrypanosomal medicines

7. ANTIMIGRAINE MEDICINES

7.1 FOR TREATMENT OF ACUTE ATTACK

Acetylsalicylic acid tablet

Domperidone tablet

Metoclopramide hydrochloride tablet

Paracetamol tablet

Prochlorperazine tablet

Sumatriptan injection

7.2 FOR PROPHYLAXIS

Cyproheptadine hydrochloride tablet

Propranolol hydrochloride tablet

8. ANTINEOPLASTIC, IMMUNOSUPPRESSIVES AND MEDICINES USED IN PALLIATIVE CARE

8.1 IMMUNOSUPPRESSIVE MEDICINES

Azathioprine tablet

Ciclosporin capsule, concentrate for injection,

Rituximab injection

8.2 CYTOTOXIC MEDICINES

Busulphan tablet

Asparaginase injection

Bleomycin sulfate powder for injection

Calcium folinate tablet, injection

Chlorambucil tablet

Cisplatin powder for injection

Cyclophosphamide injection, tablet
Cytarabine powder for injection
Dacarbazine injection
Daunorubicin hydrochloride injection
Doxorubicin hydrochloride powder for injection
Epirubicin injection
Etoposide injection
Fluorouracil injection
Hydroxyurea capsule
Mercaptopurine tablet
Methotrexate sodium powder for injection, tablet
Procarbazine hydrochloride capsule
Mitomycin injection
Paclitaxel injection
Thioguanine tablet
Vincristine sulfate injection
Vinblastine sulfate injection

8.3 HORMONES AND ANTIHORMONES

Dexamethasone phosphate injection
Flutamide tablet
Megestrol acetate tablet
Methylprednisolone injection
Prednisolone tablet
Tamoxifen citrate tablet

8.4 MEDICINES USED IN PALLIATIVE CARE

Buprenorphine injection
Fentanyl citrate injection
Morphine injection, tablet, oral solution
Tramadol capsule or tablet

9. ANTIPARKINSONISM MEDICINES

Benzhexol hydrochloride tablet
Bentropin mesylate injection
Bromocriptine tablet
Levodopa + carbidopa tablet

10. MEDICINES AFFECTING THE BLOOD

10.1 ANTIANAEMIA MEDICINES

Epoetin alfa injection
Ferrous salt tablet, syrup
Folic acid tablet
Hydroxocobalamin injection
Iron sucrose Injection

10.2 MEDICINES AFFECTING COAGULATION

Enoxaparin injection
Heparin injection
Phytomenadione injection, tablet
Protamine sulfate injection
Warfarin sodium tablet

11. BLOOD PRODUCTS AND PLASMA SUBSTITUTES

11.1 PLASMA SUBSTITUTES

Dextran 70 injectable solution
Starch injectable solution

11.2 PLASMA FRACTIONS FOR SPECIFIC USE

Factor viii concentrate (dried) injection
Factor ix concentrate (dried) injection

12. CARDIOVASCULAR MEDICINES

12.1 ANTIANGINAL MEDICINES

Atenolol tablet
Glyceryl trinitrate tablet (sublingual), transdermal patch,
injection,
Isosorbide dinitrate tablet
Propranolol tablet
Verapamil hydrochloride tablet

12.2 ANTIARRHYTHMIC MEDICINES

Adenosine injection

Amiodarone hydrochloride injection, tablet
Atenolol tablet
Atropine injection
Digoxin tablet, oral solution
Esmolol hydrochloride injection
Isoprenaline injection
Lidocaine hydrochloride injection (preservative free)
Verapamil hydrochloride injection, tablet

12.3 ANTIHYPERTENSIVE MEDICINES

Atenolol tablet
Captopril tablet
Diltiazem hydrochloride tablet (SR)
Enalapril maleate tablet
Hydralazine hydrochloride powder for injection, tablet,
Hydrochlorothiazide tablet
Labetalol as hydrochloride tablet & injection
Losartan potassium tablet
Methyldpa tablet (for pregnancy induced hypertension)
Nifedipine tablet (SR)
Prazosin hydrochloride tablet

12.4 MEDICINES USED IN HEART FAILURE

Carvedilol hydrochloride tablet
Digoxin oral solution, tablet
Enalapril maleate tablet
Furosemide injection, tablet
Hydrochlorothiazide tablet
Spironolactone tablet

12.4.1 *Vasoconstrictors (sympathomimetics)*

Dopamine / Dobutamine injection
Ephedrine hydrochloride injection
Noradrenaline acid tartrate injection

12.5 ANTITHROMBOTIC MEDICINES

Acetylsalicylic acid tablet
Clopidogrel tablet

Streptokinase injection

12.6 LIPID-LOWERING AGENTS

Atorvastatin tablet (as calcium trihydrate)

Gemfibrozil capsule

12.7 ANTIFIBRINOLYTIC AGENTS

Tranexamic acid tablet, injection

13. DERMATOLOGICAL MEDICINES (topical)

13.1 ANTIFUNGAL MEDICINES

Benzoic acid + salicylic acid ointment or cream

Miconazole / clotrimazole cream

Clotrimazole nail preparation

13.2 ANTI-INFECTIVE MEDICINES

Cetrimide shampoo, cream

Framycetin sulfate cream

Fusidic acid ointment

Povidone-iodine aqueous solution, ointment, alcoholic solution

Silver sulfadiazine cream

13.3 ANTI-INFLAMMATORY AND ANTIPRURITIC MEDICINES

Betamethasone valerate cream, ointment, scalp lotion

Calamine lotion

Flucinolone acetonide cream, ointment

Hydrocortisone acetate cream, ointment

Clobetasol propionate / beclomethasone butyrate cream, ointment

13.4 ASTRINGENT MEDICINES

Lead subacetate solution (strong)

Magenta solution

Potassium permanganate aqueous solution

Silver nitrate Solution

13.5 MEDICINES AFFECTING SKIN DIFFERENTIATION AND PROLIFERATION

Aqueous cream
Coal tar solution
Coconut oil compound shampoo
Dithranol ointment
Emulsifying ointment
Podophyllum resin solution
Salicylic acid solution
Urea ointment or cream

13.6 SCABICIDES AND PEDICULICIDES

Benzyl benzoate application
Permethrin /Malathion lotion
Sulphur ointment

13.7 ULTRAVIOLET BLOCKING AGENTS

Zinc oxide ointment

13.8 PREPARATIONS FOR ACNE

13.8.1 Oral preparations for acne

Isotretinoin capsule

13.8.2 Topical preparations for acne

Benzoyl peroxide cream
Tretinoin cream

14. DIAGNOSTIC AGENTS

14.1 OPHTHALMIC MEDICINES

Fluorescein sodium eye drops

14.2 RADIO CONTRAST MEDIA

14.2.1 Low osmolar non-ionic intravenous contrast media

(for institutions where X-ray machines are available)

Iohexol Injection
Iopamidol Injection

Iopomide Injection

Ioversol Injection

14.2.2 *Gastrointestinal contrast media*

Barium sulfate oral suspension (or rectal suspension)

Radio labeled iodine oral preparation

14.2.3 *Nuclear imaging requirements*

Technetium 99m generator

Cold compounds to prepare radio-pharmaceuticals

14.2.4 *MRI intravenous contrast media Gadolinium - DTPA*

15. ANTISEPTICS AND DISINFECTANTS

15.1 ANTISEPTICS

Chlorhexidine digluconate solution for dilution

Ethanol solution (denatured)

Hydrogen peroxide solution

Povidone iodine solution

Surgical spirit

15.2 DISINFECTANTS

Chlorine base compound powder

Glutaraldehyde solution

Phenolic compound solution

Peracetic acid solution

16. DIURETICS

Amiloride hydrochloride tablet

Furosemide injection, tablet

Hydrochlorothiazide tablet

Mannitol injectable solution

Spironolactone tablet

17. GASTROINTESTINAL MEDICINES

17.1 ANTACIDS AND OTHER ANTIULCER MEDICINES

Aluminium hydroxide combination oral suspension, tablet
Famotidine /Ranitidine tablet
Omeprazole capsule, injection
Ranitidine injection
Sodium citrate solution

17.2 ANTIEMETIC MEDICINES

Domperidone suppository, suspension, tablet
Metoclopramide hydrochloride injection, tablet
Ondansetron hydrochloride tablet, injection
Promethazine hydrochloride syrup, injection, tablet

17.3 ANTI-INFLAMMATORY MEDICINES

Hydrocortisone acetate retention enema, suppository
Prednisolone retention enema
Sulfasalazine retention enema, suppository, tablet

17.4. LAXATIVES

Bisacodyl suppository, tablet
Lactulose solution
Phosphate enema

17.5 MEDICINES USED IN DIARRHEA

17.5.1 Oral rehydration

Oral rehydration salts* (for glucose-electrolyte solution)

Glucose:	75 meq
Sodium:	75 meq or mmol/l
Chloride:	65 meq or mmol/l
Potassium:	20 meq or mmol/l
Citrate:	10 mmol/l

Osmolarity:	245 mosm/l
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glucose :	13.5 g/l
sodium chloride	2.6 g/l
potassium chloride	1.5 g/l
trisodium citrate dihydrate+ :	2.9 g/l

+ trisodium citrate dihydrate may be replaced by sodium hydrogen carbonate (sodium carbonate) 2.5 g/l. However, as the stability of this latter formulation is very poor under tropical conditions, it is only recommended when manufactured for immediate use.

* in cases of cholera a higher concentration of sodium may be required.

17.5.2 Medicines used for diarrhea for children

Zinc sulfate tablet (effervescent)

17.6 ANTISPASMODIC MEDICINES

Propantheline bromide tablet

17.7 MEDICINES AFFECTING INTESTINAL SECRETIONS

Pancreatin oral preparation

Ursodeoxycholic acid capsule/tablet

18. HORMONES, OTHER ENDOCRINE MEDICINES AND CONTRACEPTIVES

18.1 ADRENAL HORMONES AND SYNTHETIC SUBSTITUTES

Dexamethasone (sodium phosphate injection), tablet

Hydrocortisone (sodium succinate) injection, tablet

Prednisolone tablet

18.2 ANDROGENS

Testosterone injection (enantate/propionate)

18.3 CONTRACEPTIVES

18.3.1 Oral hormonal contraceptives

Ethinylestradiol + levonorgestrel tablet

Ethinylestradiol + norethisterone tablet

Levonorgestrel tablet

18.3.2 *Injectable hormonal contraceptives*

Medroxyprogesterone acetate depot injection

18.4 ESTROGENS

Conjugated estrogens tablet

Ethinylestradiol tablet

18.5 PROGESTOGENS

Levonorgestrel intra uterine system

Norethisterone tablet

Progesterone IM injection

18.6 OVULATION INDUCERS

Clomifene citrate tablet

18.7 INSULINS AND OTHER ANTIDIABETIC AGENTS

Glibenclamide tablet

Insulin injection (short acting and intermediate acting)

Metformin hydrochloride tablet

Tolbutamide tablet

18.8 THYROID HORMONES AND ANTITHYROID MEDICINES

Carbimazole /Methimazole tablet,

Iodine aqueous solution

Levothyroxine sodium tablet

Propylthiouracil tablet

18.9 HYPOTHALAMIC AND PITUITARY HORMONES

Desmopressin nasal spray

Follitropin alfa/beta injection

Human Growth hormone injection

Human menopausal gonadotrophin injection (follicle-stimulating hormone + luteinising hormone)

Vasopressin injection

18.10 ANTIGONADOTROPHINS

Danazol capsule

19 IMMUNOLOGICALS

19.1 DIAGNOSTIC AGENTS

Tuberculin, Purified Protein Derivative (PPD) injection

19.2 SERA AND IMMUNOGLOBULIN

Anti-D (Rh₀) immunoglobulin (human) injection

Antitetanus immunoglobulin injection

Antivenom serum injection

Normal immunoglobulin (human) injection

Rabies immunoglobulin injection

Varicella–Zoster specific immunoglobulin

19.3 VACCINES

19.3.1 For universal immunization

Bacillus Calmette Guerin (BCG) vaccine injection

Diphtheria and tetanus (DT) vaccine injection

Diphtheria and tetanus (adult) (DT) vaccine injection

Diphtheria, tetanus and pertussis (DPT) vaccine injection

Haemophilus influenzae type b (hib) vaccine injection

Hepatitis B vaccine Injection

Japanese encephalitis vaccine injection

Measles vaccine injection

Measles rubella vaccine injection

Poliomyelitis vaccine (OPV) oral drops

Rubella vaccine injection

Tetanus toxoid (TT) vaccine injection

19.3.2 for specific groups of individuals

Meningococcal meningitis vaccine

Pneumococcal vaccine injection

Rabies vaccine injection

Typhoid vaccine capsule

Varicella vaccine Injection

Yellow fever vaccine injection

20. MUSCLE RELAXANTS (PERIPHERALLY ACTING) AND CHOLINESTERASE INHIBITORS

Atracurium besilate injection
Baclofen tablet
Dantrolene injection, capsule
Edrophonium chloride injection
Neostigmine injection (metilsulfate), tablet (bromide)
Suxamethonium chloride injection
Vecuronium bromide injection

21. OPHTHALMOLOGICAL PREPARATIONS

21.1 ANTI-INFECTIVE AGENTS

Aciclovir eye ointment
Chloramphenicol eye drops, eye ointment
Norfloxacin eye drops
Tobramycin + Dexamethasone eye drops
Fusidic acid eye drops

21.2 ANTI-INFLAMMATORY AGENTS

Dexamethasone sodium phosphate eye drops
Fluorometholone eye drops
Hydrocortisone acetate eye drops, eye ointment
Prednisolone sodium phosphate eye drops

21.3 LOCAL ANAESTHETICS

Lidocaine eye drops, gel
Lidocaine + epinephrine eye drops

21.4 MIOTICS AND ANTIGLAUCOMA MEDICINES

Acetazolamide tablet, injection
Pilocarpine hydrochloride eye drops
Timolol maleate eye drops

21.5 MYDRIATICS

Atropine sulfate eye drops
Homatropine hydrobromide eye drops
Phenylephrine hydrochloride eye drops

Tropicamide eye drops

21.6 OTHER PREPARATIONS

Balanced salt solution

Tear preparation

22. MEDICINES ACTING ON THE GENITOURINARY TRACT

22.1 OXYTOCICS

Ergometrine hydrogen maleate injection

Oxytocin injection

Oxytocin + Ergometrine (combination) injection

22.2 ANTIOXYTOCICS

Nifedipine immediate release capsule

22.3 PROSTAGLANDINS

Dinoprostone pessary, injection

22.4 MEDICINES FOR BENIGN PROSTATIC HYPERPLASIA

Prazosin hydrochloride tablet

22.5 URINARY ANTISPASMODICS

Duloxetine capsule

Oxybutinin tablet

Propantheline bromide tablet

23. PERITONEAL DIALYSIS SOLUTION

Intraperitoneal dialysis solution

24. PSYCHOTHERAPEUTIC MEDICINES

24.1 MEDICINES USED IN PSYCHOTIC DISORDERS

Chlorpromazine hydrochloride injection, tablet, syrup

Clozapine tablet

Fluphenazine (decanoate or enantate) injection

Haloperidol tablet, injection

Olanzapine tablet
Risperidone tablet
Trifluoperazine hydrochloride tablet
Venlafaxine tablet

24.2 MEDICINES USED IN MOOD DISORDERS

24.2.1 *Medicines used in depressive disorders*

Amitriptyline hydrochloride tablet
Fluoxetine hydrochloride capsule
Imipramine hydrochloride tablet

24.2.2 *Medicines used in bipolar disorders*

Carbamazepine tablet
Lithium carbonate capsule or tablet
Valproic acid (sodium salt) tablet (enteric coated)

24.3 MEDICINES USED IN GENERALIZED ANXIETY AND SLEEP DISORDERS

Chlordiazepoxide tablet
Diazepam tablet

24.4 MEDICINES USED FOR OBSESSIVE COMPULSIVE DISORDERS AND PANIC ATTACKS

Clomipramine hydrochloride capsule
Fluoxetine hydrochloride capsule
Methylphenidate hydrochloride tablet

24.5 MEDICINES USED IN SUBSTANCE DEPENDENCE

Methadone hydrochloride tablet

25. MEDICINES ACTING ON THE RESPIRATORY TRACT Antiasthmatics and medicines for chronic obstructive pulmonary disease

Aminophylline injection
Beclometasone dipropionate inhaler
Ipratropium bromide dry powder capsule for breath induced device, respiratory solution

Salbutamol sulfate inhalation (aerosol), dry powder capsule, for breath induced device, respirator solution for use in nebulizers, syrup, tablet, injection
Salmeterol (as xinafoate) + fluticasone propionate inhalation
Surfactant preparation
Theophylline syrup, tablet (modified release)

26. SOLUTIONS CORRECTING WATER, ELECTROLYTE, ACID-BASE AND NUTRITIONAL DISTURBANCES

26.1 SOLUTIONS CORRECTING WATER, ELECTROLYTE, AND ACID-BASE DISTURBANCES

26.1.1 Oral

Oral rehydration salts (for glucose-electrolyte solution) see section 17.5.1
Potassium chloride MR tablet

26.1.2 Parenteral

Glucose injectable solution
Glucose with sodium chloride injectable solution
Potassium chloride injection
Sodium bicarbonate injectable solution
Sodium chloride injectable solution
Sodium lactate compound injectable solution

26.2 INTRAVENOUS NUTRITION

Amino acid injection

26.3 MISCELLANEOUS

Water for injection

27. VITAMINS AND MINERALS

Alfacalcidol capsule
Ascorbic acid tablet
Calcium carbonate/lactate tablet
Calcium gluconate injection
Ergocalciferol capsule

Hydroxocobalamin injection
Pyridoxine hydrochloride tablet
Retinol palmitate capsule
Thiamine hydrochloride tablet, injection
Vitamin A + vitamin D capsule
Vitamin B complex tablet, injection

28. MEDICINES ACTING ON EAR, NOSE AND OROPHARYNX

28.1 MEDICINES ACTING ON THE EAR

Betamethasone + Neomycin ear drops
Chloramphenicol ear drops
Clotrimazole ear drops
Gentamicin sulfate ear drops
Ichthammol liquid
Norfloxacin eye/ear drops
Sodium bicarbonate ear drops

28.2 MEDICINES ACTING ON THE NOSE

Beclomethasone nasal drops, nasal spray
Xylometazoline nasal drops

28.3 MEDICINES ACTING ON THE OROPHARYNX

Nystatin oral suspension
Povidone iodine mouthwash

28.4 MEDICINES FOR VERTIGO

Betahistine tablet
Cinnarazine tablet
Prochlorperazine injection