

Nigeria

Essential Medicines List for

Children

2020

1st Edition

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FOREWORD

The Federal Ministry of Health through the National Drug Formulary and Essential Drug List Committee (NDF/EDL) developed the maiden edition of the Nigeria Essential Medicines List for Children (NEMLC). This is in line with the recommendations of the United Nations Commission on Life Saving Commodities (UNCoLSC), which advocates for the need to pay special attention to the health of children and women as special populations. The development of this NEMLC will ensure the delivery of appropriate therapeutic interventions to children, as envisaged by the 2007 Model List of Essential Medicines for Children (EMLC) by the World Health Organization (WHO). According to WHO, the NEMLC is a list of the most effective and safe medicines for use in children up to 12 years of age; the most cost-effective options for key health problems and are usable with the little additional health resources.

The development of this document started in April 2019 with five (5) Therapeutic Expert Groups. These groups further consulted widely to ensure that only the safest, efficacious and quality medicines are included in the list.

This maiden edition of the NEMLC is a culmination of the scholarly work of experts, who have distinguished themselves in various fields of paediatric medicine and the treatment of children up to 12 years of age. Therefore, it is my honour to present this document to public and private health service providers at the various levels of healthcare in Nigeria for implementation.



Dr. E. Osagie Ehanire, MD, FWACS
Honourable Minister of Health

PREFACE

The editions of the Nigerian Essential Medicine List published since the inception of the National Drug Formulary/Essential Medicines List Review Committee have so far incorporated medicines used for adults and children in the same document.

However, the committee in preparing the current edition (the seventh in the series) considered it necessary to have a separate document of essential medicines list for children in line with the practice of the World Health Organization. This is necessary and very important considering the fact that children 12 years and below require drugs that may be different in preparation and dosage form from the adult population.

In developing this document, every effort was made to ensure that all practitioners whose input were adjudged crucial towards providing all necessary information were involved. The committee also adopted the acceptable practices currently in use by special health projects such as immunization, HIV/AIDS, malaria, Tuberculosis/Leprosy programmes and nutritional commodities for malnourished children.

The committee hopes that this document will be widely used by practitioners at all levels of the Nigerian health systems. It should however be noted, that medicines listed under complementary (restricted section) are to be prescribed only by specialists after thorough evaluation of patients.

Finally, may I use this opportunity to appreciate and thank the Honourable Minister of Health, Dr Osagie Ohanire, Members of the National Drug Formulary/Essential Medicines List Review Committee, other experts, partners and the various stakeholders whose commitment, effort and support led to the production of the maiden edition of the Nigerian Essential Medicines List for children.



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LIST OF DRUGS

1. ANAESTHETICS, PREOPERATIVE MEDICINES AND MEDICAL GASES	
1.1 General anaesthetics and oxygen	
1.1.1 Inhalational medicines	
Halothane	Inhalation (volatile liquid): 250-mL bottle.
Isoflurane	Inhalation (volatile liquid): 250-mL bottle.
Nitrous oxide	Inhalation: Medical gas.
Oxygen	Inhalation: Medical gas.
Sevoflurane	Inhalation (volatile liquid): 250-mL bottle.
1.1.2 Injectable medicines	
Ketamine	Injection: 50 mg (hydrochloride)/mL in 10-mL vial.
Propofol*	Injection (emulsion): 10 mg/mL; 20 mg/mL. *Not for Age < 3 years.
1.2 Local anaesthetics	
Bupivacaine*	Injection: 0.25%; 0.5% (hydrochloride) in vial. Injection for spinal anaesthesia: 0.5% (hydrochloride) in 4- mL ampoule to be mixed with 7.5% glucose solution. * Not recommended for children < 12 years.
Lidocaine	Injection: 1%; 2% (hydrochloride) in vial. Topical form: 2%; 4%.
Lidocaine + Epinephrine (Adrenaline)	Dental cartridge: 2% (hydrochloride) + epinephrine 1:80,000. Injection: 1%; 2% (hydrochloride or sulfate) + epinephrine 1:200, 000 vial.
1.3 Preoperative medication and sedation for short-term procedures	
Atropine	Injection: 0.6 mg (sulfate) in 1.-mL ampoule; 1 mg (sulfate) in 1-mL ampoule.
Midazolam	Injection: 1 mg/mL. Oral liquid: 2 mg/mL. Tablet: 7.5 mg; 15 mg.
Promethazine	Injection: 25 mg/mL. Oral liquid: 6.25 mg/5 mL. Suppository: 12.5 mg; 25 mg. Tablet: 12.5 mg; 25 mg.
Complementary List	
<i>Glycopyrrolate</i>	Injection: 0.2 mg/mL. Oral solution: 1 mg/5 mL. Tablet: 1 mg; 2 mg.
1.4 Medical gases	
Oxygen*	Inhalation: For use in the management of hypoxaemia.

	<i>*No more than 30% oxygen should be used to initiate resuscitation of neonates less than or equal to 32 weeks of gestation.</i>
2. ANTIALLERGICS AND MEDICINES USED IN ANAPHYLAXIS	
2.1 Anti-anaphylactics	
Dexamethasone	Injection: 4 mg (disodium phosphate)/mL in 1-mL ampoule.
Epinephrine (Adrenaline)	Injection: 1 mg (hydrochloride or hydrogen tartrate) in 1-mL ampoule.
Hydrocortisone	Powder for injection: 100 mg (sodium succinate) vial.
2.2 Anti-histamines	
Chlorpheniramine (Chlorphenamine)	Injection: 10 mg (maleate) in 1-mL ampoule. Oral liquid: 2 mg/5 mL.
Loratadine	Oral liquid: 1 mg/mL. Tablet: 10 mg.
Prednisolone	Oral liquid: 5 mg/mL. Tablet: 5 mg.
3. ANTICONVULSANTS/ANTIEPILEPTICS	
Carbamazepine	Oral liquid: 100 mg/5 mL. Tablet (chewable): 100 mg; 200 mg. Tablet (scored): 100 mg; 200 mg.
Diazepam	Injection: 5 mg/mL Rectal gel : 2.5 mg; 10 mg.
Lorazepam	Parenteral formulation: 2 mg/mL in 1-mL ampoule; 4 mg/mL in 1-mL ampoule.
Midazolam	Solution for oromucosal administration: 5 mg/mL; 10 mg/mL. Ampoule**: 1 mg/ mL; 10 mg/mL. <i>**For buccal administration when solution for oromucosal administration is not available.</i>
Phenobarbital	Injection: 200 mg/mL (sodium). Oral liquid: 15 mg/5 mL. Tablet: 15 mg; 30 mg.
Phenytoin	Capsule: 100 mg; 200 mg (sodium). Injection: 50 mg/mL in 5-mL vial (sodium). Oral liquid: 125 mg/5 mL. Tablet (chewable): 50 mg.
Sodium valproate (Valproic acid)	Oral liquid: 200 mg/5 mL. Tablet (crushable): 100 mg. Tablet (enteric-coated): 200 mg; 500 mg.
Complementary List	
<i>Ethosuximide</i>	Capsule: 250 mg. Oral liquid: 250 mg/5 mL.
<i>Sodium valproate (Valproic acid)</i>	Injection: 100 mg/mL in 4- mL ampoule; 100 mg/ mL in 10- mL ampoule.

4. ANTIDOTES AND OTHER SUBSTANCES USED IN POISONINGS	
4.1 Non-specific	
Charcoal (activated)	Capsule: 260 mg. Powder/granules: 5 g sachet.
4.2 Specific	
Acetylcysteine	Injection: 200 mg/mL in 10-mL ampoule. Oral liquid: 10%; 20%.
Atropine	Injection: 0.6 mg (sulfate)/mL in 1-mL ampoule.
Calcium gluconate	Injection: 100 mg/mL in 10-mL ampoule.
Flumazenil	Injection: 0.1 mg/mL.
Naloxone	Injection: 400 micrograms (hydrochloride) in 1-mL ampoule.
Complementary List	
<i>Deferoxamine</i>	Powder for injection: 500 mg (mesilate) in vial.
<i>Dimercaprol</i>	Injection in oil: 50 mg/mL in 2-mL ampoule.
<i>Fomepizole</i>	Injection: 5 mg (sulfate)/mL in 20-mL ampoule or 1 g (base)/mL in 1.5-mL ampoule.
<i>Pralidoxime</i>	Injection solution: 300 mg/mL. Powder for Injection: 1 g vial.
<i>Sodium calcium edetate</i>	Injection: 200 mg/mL in 5-mL ampoule.
<i>Succimer</i>	Capsule: 100 mg.
5. ANTI-INFECTIVE MEDICINES	
5.1 Antiamoebic and anti giardiasis medicines	
Diloxanide *	Tablet: 500 mg (furoate). *For children >25 kg.
Metronidazole	Injection: 500 mg in 100-mL vial. Oral liquid: 200 mg (benzoate)/5 mL. Tablet: 200 mg; 400 mg.
Tinidazole	Tablet: 250 mg; 500 mg.
5.2 Anthelmintics	
5.2.1 Antifilarials	
Albendazole	Oral liquid: 200 mg/5 mL. Tablet (chewable): 200 mg; 400 mg.
Diethylcarbamazine	Tablet: 50 mg (dihydrogen citrate).
Ivermectin	Tablet: 3 mg.
5.2.2 Antischistosomes and other antitrepatode medicines	
Praziquantel	Tablet: 150 mg; 600 mg.

5.2.3 Intestinal anthelmintics	
Albendazole	Oral liquid: 200 mg/5mL. Tablet (chewable): 200 mg; 400 mg.
Mebendazole	Oral liquid: 100 mg/5 mL. Tablet (chewable): 100 mg; 500 mg.
Pyrantel pamoate	Capsule: 180 mg. Oral suspension: 250 mg/5 mL. Tablet (chewable): 720.5 mg.
Praziquantel	Oral liquid: 2 mg/mL. Tablet: 150 mg; 600 mg.
Complementary List	
<i>Oxamniquine</i> **	Capsule: 250 mg. Oral liquid: 250 mg/5 mL. <i>** Oxamniquine is listed for use when praziquantel treatment fails against S. mansoni</i>
5.3 Antibacterial medicines	
5.3.1 Beta-lactam medicines	
Ampicillin	Capsule: 250 mg; 500 mg. Powder for injection: 125 mg; 250 mg vial. Powder for oral liquid: 125 mg/ 5 mL; 250 mg/5 mL.
Ampicillin + Sulbactam	Powder for injection: 1.5 g (ampicillin 1 g + sulbactam 0.5 g); 3 g (ampicillin 2 g + sulbactam 1 g); 15 g (ampicillin 10 g + sulbactam 5 g) vial.
Amoxicillin	Capsule or Tablet: 250 mg; 500 mg (trihydrate). Dispersible tablet: 125 mg; 250 mg. Powder for injection: 250 mg; 500 mg; 1 g (sodium) in vial. Powder for oral liquid: 125 mg (trihydrate)/5 mL; 250 mg (trihydrate)/ 5 mL.
Amoxicillin + Clavulanic acid	Oral liquid: 125 mg amoxicillin + 31.25 mg clavulanic acid/5 mL; 250 mg amoxicillin + 62.5 mg clavulanic acid/5 mL. Powder for injection: 500 mg (sodium) + 100 mg (potassium); 1000 mg (sodium) + 200 mg (potassium) vial. Tablet: 500 mg (trihydrate) + 125 mg (potassium).
Benzathine benzylpenicillin	Powder for injection: 900 mg benzylpenicillin (= 1.2 million units)/2 mL; 1.44 g benzylpenicillin (= 2.4 million units)/4 mL.
Benzylpenicillin	Powder for injection: 600 mg (= 1 million units); 3 g (= 5 million units) in vial (sodium or potassium) in vial.
Cefotaxime**	Powder for injection: 250 mg (sodium) per vial. <i>**3rd generation cephalosporin of choice for use in hospitalized neonates.</i>
Ceftazidime	Injection solution: 20 mg/mL; 40 mg/mL. Powder for injection: 500 mg; 1 g.
Ceftriaxone*/**	Powder for injection: 250 mg; 1 g in vial (sodium). <i>*For >41 weeks corrected gestational age.</i> <i>**Do not administer with calcium and avoid in infants with</i>

	<i>hyperbilirubinaemia.</i>
Cefpodoxime	Oral Suspension: 50 mg/5 mL; 100 mg/5 mL. Tablet: 100 mg; 200 mg.
Cefuroxime	Oral Suspension: 125 mg/5 mL; 250 mg/5 mL. Powder for injection: 750 mg; 1.5 g. Tablet: 250 mg; 500 mg (axetil).
Cloxacillin	Capsule: 250 mg; 500 mg (sodium). Powder for injection: 500 mg (sodium) in vial. Powder for oral solution: 125 mg (sodium)/5 mL.
Phenoxymethylpenicillin	Powder for oral liquid: 250 mg (potassium)/5 mL. Tablet: 250 mg (potassium).
5.3.2 Other antibacterials	
Chloramphenicol*/**	Capsule: 250 mg. Oral liquid: 150 mg (palmitate)/5 mL. Oily suspension for injection*: 0.5 g (sodium succinate)/mL in 2-mL ampoule. Powder for injection: 1 g (sodium succinate) in vial. <i>* Only for the presumptive treatment of epidemic meningitis in children older than 2 years.</i> <i>**To be considered in H. influenzae meningitis.</i>
Clarithromycin**	Powder for injection: 500 mg in vial. Powder for oral liquid: 125 mg/5 mL; 250 mg/5 mL. Tablet: 500 mg. <i>**Erythromycin may be an alternative.</i>
Doxycycline*	Capsule: 50 mg; 100 mg (hydrochloride). Oral liquid: 25 mg/5 mL; 50 mg/5 mL (anhydrous). Powder for injection: 100 mg in vial. <i>*Use in children < 8 years only for life-threatening infections when no alternative exists.</i>
Metronidazole	Injection: 500 mg in 100-mL bottle. Oral liquid: 200 mg (benzoate)/5 mL. Tablet: 200 mg.
Nitrofurantoin	Suspension: 25 mg/5 mL. Tablet: 25 mg; 50 mg.
Sulfamethoxazole + Trimethoprim** (Co-trimoxazole)	Injection: 80 mg + 16 mg/ mL in 5-mL ampoule; 80 mg + 16 mg/ mL in 10-mL ampoule. Oral liquid: 200 mg + 40 mg/5 mL. Tablet: 100 mg + 20 mg; 400 mg + 80 mg. <i>**Single agent trimethoprim may be an alternative for lower urinary tract infections.</i>
Complementary List	
Clofazimine	Capsule: 50 mg; 100 mg.
Dapsone	Tablet: 25 mg; 50 mg; 100 mg.
Vancomycin	Capsule: 125 mg; 250 mg. Powder for injection: 250 mg (hydrochloride) in vial.

5.4 Antifungal medicines (systemic)	
Amphotericin B	Powder for injection: 50 mg (sodium deoxycholate or liposomal complex) vial.
Fluconazole	Capsule: 50 mg. Injection: 2 mg/mL in 0.9% sodium chloride infusion. Oral liquid: 50 mg/5 mL.
Flucytosine	Capsule: 250 mg. Infusion: 2.5 g in 250 mL.
Griseofulvin	Oral liquid: 125 mg/5 mL. Tablet: 125 mg; 250 mg.
Itraconazole	Capsule: 100 mg. Oral liquid: 10 mg/mL.
Nystatin	Lozenge: 100,000 units. Oral liquid: 50 mg/5 mL; 100,000 units/mL. Tablet: 100,000 units; 500,000 units.
5.5 Antileishmaniasis medicines	
Sodium stibogluconate or Meglumine antimoniate	Injection: 100 mg/mL, 1 vial = 30 mL or 30%, equivalent to approximately 8.1% antimony (pentavalent) in 5-mL ampoule.
5.6 Antimalarial medicines	
5.6.1 For curative treatment	
Artemether**	Oily injection: 80 mg/mL in 1-mL ampoule. <i>** For use in the management of severe malaria.</i>
Artemether + Lumefantrine*	Tablet: 20 mg + 120 mg. Tablet (dispersible): 20 mg + 120 mg. <i>* Not recommended in children below 5 kg.</i>
Artesunate**	Injection: ampoules, containing 60 mg anhydrous artesunic acid with a separate ampoule of 5% sodium bicarbonate solution. Suppository: 50 mg; 100 mg; 200 mg. <i>**For use in the management of severe malaria.</i>
Artesunate + Amodiaquine **	Tablet: 25 mg + 67.5 mg; 50 mg + 135 mg; 100 mg + 270 mg. <i>**Other combinations that deliver the target doses required such as 153 mg or 200 mg (hydrochloride) with 50 mg artesunate can be alternatives.</i>
Quinine*	Injection: 300 mg (hydrochloride)/mL in 2-mL ampoule. Tablet: 300 mg (sulfate) or 300 mg (bisulfate). <i>*For use only in the management of severe malaria.</i>
5.6.2 Prophylaxis	
Atovaquone + proquanil	Tablet: 250 mg + 100mg.
Mefloquine	Tablet: 250 mg.
Sulfadoxine + Pyremethamine	Tablet: 500 mg + 25 mg.

	<i>*Only in combination with artesunate 50 mg.</i>
5.7 Antipneumocystosis and antitoxoplasmosis medicines	
Pyrimethamine	Tablet: 25 mg.
Sulfamethoxazole + Trimethoprim	Oral liquid: 200 mg + 40 mg/5 mL. Tablet: 100 mg + 20 mg; 400 mg + 80 mg.
5.8 Antitrypanosomal medicines	
5.8.1 Medicines for the treatment of first stage African trypanosomiasis	
Pentamidine	Powder for injection: 200 mg (isetionate) in vial.
Suramin sodium	Powder for injection: 1 g in vial.
5.8.2 Medicines for the treatment of second stage African trypanosomiasis	
Eflornithine	Injection: 200 mg (hydrochloride)/mL in 100-mL bottle.
Nifurtimox	Tablet: 120 mg.
<i>Complementary List</i>	
<i>Melarsoprol</i>	<i>Powder for injectable solution: 1 g.</i>
5.9 Antituberculosis medicines	
Ethambutol	Oral liquid: 25 mg/mL. Tablet: 100 mg; 400 mg.
Isoniazid	Oral liquid: 50 mg/5 mL. Tablet: 50 mg; 100 mg; 300 mg.
Isoniazid + Pyrazinamide + Rifampicin	Tablet (dispersible): 50 mg + 150 mg + 75 mg
Isoniazid + Rifampicin	Tablet (dispersible): 50 mg + 75 mg.
Pyrazinamide	Oral liquid: 30 mg/mL. Tablet: 400 mg. Tablet (dispersible): 150 mg.
Rifampicin	Capsule: 150 mg; 300 mg. Oral liquid: 20 mg/mL. Tablet: 150 mg; 300 mg.
<i>Complementary List</i>	
<i>Rifabutin</i>	<i>Capsule: 150 mg.</i> <i>Oral solution: 10 mg/mL; 20 mg/mL.</i>
<i>Rifapentine**</i>	<i>Tablet: 150 mg.</i> <i>**For treatment of latent TB infection (LTBI) only.</i>
<i>p-Aminosalicylic acid</i>	<i>Granules: 4 g in sachet.</i> <i>Tablet: 500 mg.</i>
<i>Streptomycin</i>	<i>Powder for injection: 1 g (sulfate) in vial.</i>
5.10 Antiviral medicines	
5.10.1 Antiherpes medicines	
Aciclovir	Oral liquid: 200 mg/5 mL.

	Powder for injection: 250 mg (sodium) in vial. Tablet: 200 mg.
5.10.2 Antiretrovirals	
5.10.2.1 Non-nucleoside reverse transcriptase inhibitors	
Nevirapine (NVP)*	Oral liquid: 50 mg/5 mL. Tablet (dispersible): 50 mg.
5.10.2.2 Nucleoside/Nucleotide reverse transcriptase inhibitors	
Abacavir (ABC)	Tablet (dispersible): 60 mg (sulfate).
Lamivudine (3TC)	Oral liquid: 50 mg/5 mL. Tablet: 150 mg.
Zidovudine (ZDV or AZT)	Oral liquid: 50 mg/5 mL. Tablet (dispersible): 60 mg (sulfate).
5.10.2.3 Protease inhibitors	
Atazanavir*	Capsule: 100 mg (sulfate). <i>*For children >25 kg.</i>
Darunavir*	Tablet: 75 mg. <i>*For children >3 years</i>
Lopinavir + Ritonavir (LPV/r)	Capsule containing oral pellets: 40 mg + 10 mg. Oral liquid: 400 mg + 100 mg/5 mL. Tablet (heat stable): 100 mg + 25 mg.
Ritonavir	Oral liquid: 400 mg/5 mL. Tablet (heat stable): 25 mg; 100 mg.
5.10.2.3 Fixed-dose combinations	
Abacavir + Lamivudine	Tablet (dispersible, scored): 60 mg (sulfate) + 30 mg; 120 mg (sulfate) + 60 mg.
Lamivudine + Nevirapine + Zidovudine	Tablet: 30 mg + 50 mg + 60 mg.
Lamivudine + Zidovudine	Tablet: 30 mg + 60 mg.
5.10.2.4 Medicines for prevention of HIV-related opportunistic infections	
Isoniazid + Pyridoxine + Sulfamethoxazole + Trimethoprim	Fixed dose combination tablet (scored): 300 mg + 25 mg + 800 mg + 160 mg.
5.10.3 Antihepatitis medicines	
5.10.3.1 Medicines for hepatitis B	
Entecavir	Oral liquid: 0.05 mg/mL. Tablet: 0.5 mg; 1 mg.
Lamivudine	Oral liquid: 5 mg/mL. Tablet: 100 mg; 150 mg.
Tenofovir	Tablet: 150 mg; 200 mg; 300 mg.

6. ANTIMIGRAINE MEDICINES

6.1 For treatment of acute attack

Ibuprofen	Tablet: 200 mg; 400 mg.
Paracetamol	Oral liquid: 120 mg/5 mL; 125 mg/5 mL. Suppository: 125 mg; 250 mg. Tablet: 500 mg.

6.2 For prophylaxis

Propranolol	Tablet: 20 mg; 40 mg (hydrochloride).
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7. ANTINEOPLASTICS AND IMMUNOSUPPRESSIVES

7.1 Immunosuppressive medicines

Complementary List

<i>Azathioprine</i>	Powder for injection: 100 mg (sodium) in vial. Tablet: 50 mg.
<i>Ciclosporin</i>	Capsule: 25 mg. Concentrate for injection: 50 mg/mL in 1-mL ampoule.
<i>Hydroxychloroquine</i>	Tablet: 200 mg.
<i>Mycophenolate mofetil</i>	Capsule: 250 mg. Oral suspension: 200 mg/mL. Powder for injection: 500 mg in vial. Tablet: 500 mg.

7.2 Cytotoxic and adjuvant medicines

Medicines listed below should be used according to protocols for treatment of the diseases.

Complementary List

<i>Allopurinol</i>	Tablet: 100 mg; 300 mg.
<i>Asparaginase</i>	Powder for injection: 10,000 units vial.
<i>Bleomycin</i>	Powder for injection: 15 mg (sulfate) 15,000 units (sulfate) vials.
<i>Calcium folinate</i>	Injection solution: 10 mg/mL. Powder for injection: 50 mg; 100 mg. Tablet: 5 mg; 10 mg; 25 mg.
<i>Carboplatin</i>	Injection solution: 10 mg/mL in 5-mL vial. Lyophilized powder for reconstitution: 150 mg.
<i>Cisplatin</i>	Injection solution: 1 mg/mL (single dose) in ampoule. Powder for injection: 10 mg; 50 mg; 100 mg as solution/concentrate in 10 mL; 50 mL; and 100 mL vials respectively.
<i>Cyclophosphamide</i>	Powder for injection: 500 mg in vial. Tablet: 25 mg.
<i>Cytarabine</i>	Powder for injection: 100 mg in vial.

<i>Dacarbazine</i>	Powder for injection: 100 mg in vial.
<i>Dactinomycin</i>	Powder for injection: 500 micrograms in vial.
<i>Daunorubicin</i>	Powder for injection: 50 mg (hydrochloride) in vial.
<i>Dexamethasone</i>	Injection: 4 mg (disodium phosphate)/mL in 1-mL ampoule. Oral liquid: 0.5 mg/5 mL; 2 mg/5 mL. Tablet: 0.5 mg; 0.75 mg; 1.5 mg; 4 mg.
<i>Doxorubicin</i>	Powder for injection: 10 mg; 50 mg (hydrochloride) vial.
<i>Etoposide</i>	Capsule: 100 mg. Injection: 20 mg/ mL in 5- mL ampoule.
<i>Filgrastim</i>	Injection: 120 micrograms/0.2 mL; 300 micrograms/0.5 mL; 480 micrograms/0.8 mL in pre-filled syringe; 300 micrograms/mL in 1- mL vial; 480 mg/1.6 mL in 1.6- mL vial.
<i>Ifosfamide</i>	Powder for injection: 500 mg vial; 1-g vial; 2-g vial.
<i>Folinic acid</i>	Injection: 10 mg/mL; 20 mg/mL. Tablet: 5 mg; 10 mg.
<i>Granulocyte colony-stimulating factor(GCSF)</i>	Injection: 300 micrograms/mL; 480 micrograms/1.6-mL.
<i>Mercaptopurine</i>	Tablet: 50 mg.
<i>Mesna (Mercaptoethane sulfonate sodium)</i>	Injection: 100 mg/ mL in 4- mL and 10- mL ampoules. Tablet: 400 mg; 600 mg.
<i>Methotrexate</i>	Powder for injection: 50 mg (sodium) in vial. Tablet: 2.5 mg (sodium).
<i>Paclitaxel</i>	Powder for injection: 6 mg/mL.
<i>Thioguanine</i>	Tablet: 40 mg.
<i>Vinblastine</i>	Powder for injection: 10 mg (sulfate) vial.
<i>Vincristine</i>	Powder for injection: 1 mg; 2 mg (sulfate) vial.

7.3 Glucocorticoids, hormones and antihormones

Complementary List

<i>Dexamethasone</i>	Oral solution: 0.5 mg/5 mL. Injection: 4 mg in 1-mL vial. Tablet: 0.5 mg; 1 mg.
<i>Hydrocortisone</i>	Powder for injection: 100 mg (sodium succinate) vial.
<i>Methylprednisolone</i>	Injectable suspension: 20 mg/mL; 40 mg/mL. Powder for injection: 40 mg (sodium succinate)/m in 1-mL single dose vial and 5-mL multi-dose vials; 80 mg (sodium succinate)/mL in 1-mL single dose vial. Tablet: 2 mg; 4 mg.
<i>Prednisolone</i>	Oral solution: 5 mg/5 mL; 10 mg/5 mL. Tablet: 5 mg.

8. ANTISEPTICS AND DISINFECTANTS

8.1 Antiseptics

<i>Chlorhexidine</i>	Gel: 4% in 25 g tube. Solution: 5% (gluconate).
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Ethanol	Solution: 70% (denatured).
Povidone iodine	Solution: 10% (equivalent to 1% available iodine).
8.2 Disinfectants	
Alcohol based hand rub	Solution: containing ethanol 80% volume/volume. Solution: containing isopropyl alcohol 75% volume/volume
Chlorine base compound	Powder for solution: (0.1% available chlorine).
Chloroxylenol	Solution: 4.8%.
9. BLOOD PRODUCTS OF HUMAN ORIGIN AND PLASMA SUBSTITUTES	
9.1 Human immunoglobulins	
Anti-rabies immunoglobulin	Injection: 150 units/mL in 2-mL and 10-mL vials.
Anti-tetanus immunoglobulin	Injection: 250 units; 500 units in 1-mL vial.
Hepatitis B immunoglobulin	Injection: 220 units/mL vial.
<i>Complementary List</i>	
<i>Human immunoglobulin</i>	<i>Intramuscular administration:</i> 16% protein solution. <i>Intravenous administration:</i> 5%; 10% protein solution. <i>Subcutaneous administration:</i> 15%; 16% protein solution.
9.2 Blood coagulation factors	
<i>Complementary List</i>	
<i>Coagulation factor VIII</i>	<i>Powder for injection:</i> 500 units/vial.
<i>Coagulation factor IX</i>	<i>Powder for injection:</i> 500 units/vial; 1,000 units/vial.
9.3 Plasma substitutes	
Dextran 70**	Injection solution: 6%. ** <i>Polygeline, injectable solution, 3.5% is considered as equivalent.</i>
Polygeline	Injection: 3.5% solution; 500 mL.
10. CARDIOVASCULAR MEDICINES	
10.1 Antihypertensive medicines	
Enalapril	Tablet: 2.5 mg; 5 mg.
10.2 Medicines used in heart failure	
Captopril	Tablet: 12.5 mg; 25 mg.
Digoxin	Injection: 250 micrograms/mL in 2-mL ampoule. Tablet: 62.5 micrograms; 250 micrograms.
Furosemide	Injection: 10 mg/mL in 2-mL ampoule. Tablet: 40 mg.
<i>Complementary List</i>	
<i>Dopamine</i>	<i>Injection:</i> 40 mg (hydrochloride) in 5-mL vial.

11. DENTAL MEDICINES	
11.1 Anti-inflammatory dental medicines	
Triamcinolone	Paste: 0.1% (acetonide).
11.2. Local anaesthetics	
Lidocaine	Cream: 5%. Injection: 2% anhydrous lidocaine hydrochloride with epinephrine (adrenaline) 1 in 80,000 in dental cartridge. Spray: 0.2%.
11.3 Mouthwashes	
Hexetidine	Solution: 0.1%.
Nystatin	Solution: 100,000 units/mL.
Zinc chloride + zinc sulfate	Compound mouthwash: 1% + 2%
12. DERMATOLOGICAL MEDICINES	
12.1 Antifungal medicines	
Miconazole	Cream: 2% (nitrate). Ointment: 2% (nitrate). Powder: 2% (nitrate).
Terbinafine	Cream: 1%. Ointment: 1%.
12.2 Anti-infective medicines	
Mupirocin**	Cream: 2% (calcium). Ointment: 2%. <i>** Consult manufacturer's prescribing information.</i>
Potassium permanganate	Aqueous solution: 1:10,000.
Silver sulfadiazine *	Cream: 1%. <i>* For children >2 months.</i>
12.3 Anti-inflammatory and antipruritic medicines	
Betamethasone **	Cream: 0.1% (valerate). Ointment: 0.1% (valerate). <i>**Hydrocortisone preferred in neonates.</i>
Calamine	Lotion.
Hydrocortisone	Cream: 1%. Ointment: 1%.
12.4 Medicines affecting skin differentiation and proliferation	
Benzoyl peroxide	Cream: 2.5%; 5.5%; 6.7%. Lotion: 2.5%; 3.5%
Coal tar	Solution: 5%.
Podophyllum resin	Solution: 10%; 25%.
Salicylic acid	Solution: 10%; 20%.

Urea	Cream: 5%; 10%. Ointment: 5%; 10%.
12.5 Scabicides and pediculicides	
Benzyl benzoate*	Lotion: 25%. *For children >2 years.
Permethrin	Cream: 5%. Lotion: 1%.
13. DIAGNOSTIC AGENTS	
13.1 Ophthalmic medicines	
Fluorescein	Eye drops: 1% (sodium).
Tropicamide	Eye drops: 0.5%.
13.2 Radiocontrast media	
<i>Complementary List</i>	
<i>Barium sulphate</i>	<i>Aqueous suspension.</i>
14. DIURETICS	
Furosemide	Injection: 10 mg/mL in 2-mL ampoule. Tablet: 10 mg; 20 mg; 40 mg.
<i>Complementary List</i>	
<i>Hydrochlorothiazide</i>	<i>Tablet:</i> 25 mg.
<i>Mannitol</i>	<i>Injectable solution:</i> 10%; 20%.
<i>Spironolactone</i>	<i>Tablet:</i> 25 mg.
15. GASTROINTESTINAL MEDICINES	
15.1 Antiulcer medicines	
Omeprazole	Capsule: 10 mg; 20 mg.
Rabeprazole	Tablet: 20 mg.
Ranitidine	Injection: 25 mg (hydrochloride)/mL in 2-mL ampoule. Oral liquid: 75 mg (hydrochloride)/5 mL. Tablet: 150 mg (hydrochloride).
15.2 Antiemetic medicines	
Metoclopramide	Injection: 5 mg (hydrochloride)/mL in 2-mL ampoule. Oral liquid: 5 mg/5 mL. Tablet: 10 mg.
Ondansetron*	Injection: 2 mg (hydrochloride)/mL in 2-mL ampoule. Oral liquid: 4 mg (hydrochloride)/5 mL. Tablet: 4 mg; 8 mg (hydrochloride). * For children >1 month.

Promethazine*	Injectable solution: 25 mg/mL. Oral liquid: 5 mg/5 mL. Tablets: 10 mg (hydrochloride). * <i>For children >2 years.</i>
Complementary List	
Domperidone	Oral suspension: 1 mg/mL
15.3 Laxatives	
Bisacodyl	Tablet: 5 mg. Suppository: 5 mg.
Liquid paraffin	Oral liquid
Senna	Oral liquid: 7.5 mg/5 mL. Tablet: 7.5 mg (sennosides).
15.4 Medicines used in diarrhoea	
15.4.1 Oral rehydration	
Oral rehydration salts	Powder for dilution in 200 mL; 500 mL; 1 L. 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 dehydrate*: 2.9 g/L. <i>*May be replaced by sodium hydrogen carbonate (sodium bicarbonate) 2.5 g/L.</i>
15.4.2 Medicines for diarrhoea	
Zinc sulfate**	Tablet: 20 mg. ** In acute diarrhoea, zinc sulfate should be used as an adjunct to oral rehydration salts.
Loperamide	Capsule: 2 mg. Oral liquid: 1 mg/5 mL. Tablet: 2 mg.
Diphenoxylate + Atropine	Oral liquid: 2.5 mg (hydrochloride) + 25 micrograms (sulfate)/5 mL. Tablet: 2.5 mg (hydrochloride) + 25 micrograms (sulfate).

16. HORMONES, OTHER ENDOCRINE MEDICINES	
16.1 Adrenal hormones and synthetic substitutes	
Fludrocortisone	Tablet: 100 micrograms (acetate).
Hydrocortisone	Injection: 100 mg (sodium succinate) in 2-mL vial.
16.2 Antihypoglycaemic agents	
Glucagon	Injection powder: 1 mg/mL.
Glucose	Intravenous solution: 10%; 50%.
16.3 Insulins and other medicines used for diabetes	
Insulin injection (soluble)	Injection: 100 units/mL in 10-mL vial.
Intermediate-acting insulin	Injection: 100 units/mL in 10-mL vial (compound insulin zinc suspension or isophane insulin).
<i>Complementary List</i>	
<i>Metformin</i>	<i>Tablet: 500 mg (hydrochloride).</i>
16.4 Thyroid hormones and antithyroid medicines	
Levothyroxine	Tablet: 25 micrograms; 50 micrograms; 100 micrograms (sodium).
<i>Complementary List</i>	
<i>Carbimazole</i>	<i>Tablet: 5 mg.</i>
<i>Lugol's solution</i>	<i>Oral liquid: about 130 mg total iodine/mL.</i>
<i>Potassium iodide</i>	<i>Oral solution: 65 mg/mL; 325 mg/5 mL.</i> <i>Tablet: 65 mg; 130 mg.</i>
<i>Propylthiouracil</i>	<i>Tablet: 50 mg.</i>
17. IMMUNOLOGICALS	
17.1 Diagnostic agents	
Tuberculin, purified protein derivative (PPD)	Injection.
17.2 Sera and immunoglobulins	
Anti-snake venom immunoglobulin	Injection.
Anti-venom immunoglobulin	Injection.
Anti-tetanus serum	Injection: 1,500 units; 10,000 units vial.
Diphtheria antitoxin	Injection: 10,000 units; 20,000 units vial.
17.3 Vaccines	
BCG vaccine	Lyophilized injection: 10/20 dose vial + 1-mL ampoule of sodium chloride diluent.
DTP +HEPB + Hib (Pentavalent vaccine)	Liquid injection: 10-dose in vial.
<i>Haemophilus influenzae</i> Type b	Liquid injection: 10-dose vial.

vaccine	
HPV vaccine	Liquid injection: 10-dose vial.
Measles vaccine	Lyophilized injection: 10-dose vial.
Pneumococcal conjugate vaccine	Liquid injection: 2-dose vial; 4-dose vial.
Poliomyelitis vaccine	Injection (inactivated polio vaccine): 5-dose vial; 10-dose vial. Oral liquid: 20-dose vial.
Rotavirus vaccine	Oral: 5-dose vial.
Rubella vaccine	Lyophilized injection: 10-dose vial.
Tetanus vaccine	Liquid Injection: 10-dose vial.
Cholera vaccine	Oral liquid: 1-dose vial.
Meningococcal meningitis vaccine	Lyophilized injection: 10-dose vial.
Rabies vaccine	Lyophilized injection: 2.5 units/mL.
Typhoid vaccine	Capsule. Injection: 25 micrograms/0.5 mL.
Yellow fever vaccine	Lyophilized injection: 10-dose vial.
18. MEDICINES ACTING ON THE RESPIRATORY TRACT	
18.1 Antiasthmatic medicines	
Budesonide	Inhalation (aerosol): 100 micrograms per dose; 200 micrograms per dose. Inhalation (solution): 100 micrograms per dose; 200 micrograms per dose.
Epinephrine (Adrenaline)	Injection: 1 mg (hydrochloride or hydrogen tartrate) in 1-mL ampoule.
Ipratropium bromide	Metered dose inhaler: 17 micrograms/dose.
Salbutamol	Injection: 50 micrograms (sulfate)/mL in 5-mL ampoule. Metered dose inhaler (aerosol): 100 micrograms (sulfate) per dose. Respiratory solution for use in nebulizer: 5 mg (sulfate)/mL. Tablet: 2 mg.
Salmeterol + Fluticasone	Inhalation (aerosol): 21 micrograms + 45 micrograms/dose. Inhalation (powder): 50 micrograms + 100 micrograms/dose; 50 micrograms + 250 micrograms/ dose.
19. MEDICINES AFFECTING THE BLOOD	
19.1 Antianaemia medicines (Haematinics)	
Ferrous salt	Oral liquid: equivalent to 25 mg iron (sulfate)/mL. Tablet: equivalent to 60 mg iron.
Folic acid	Injectable solution: 5 mg/mL. Tablet: 400 micrograms; 800 micrograms; 1 mg.
Hydroxocobalamin (Vitamin B ₁₂)	Injection: 1 mg (acetate, hydrochloride or sulfate) in 1-mL ampoule.
Complementary List	
<i>Erythropoiesis-stimulating agents</i>	Injection (pre-filled syringe): 1,000 units/0.5 mL; 2,000 units/0.5 mL; 3,000 units/0.3 mL; 4,000 units/0.4 mL; 5,000 units/0.5 mL; 6,000 units/0.6 mL;

	8,000 units/0.8mL; 10,000 units/mL; 20,000 units/0.5 mL; 40,000 units/mL.
<i>Erythropoietin</i>	Injection: 2,000 units/mL; 3,000 units/mL; 10,000 units in 1-mL vial.
19.2 Medicines affecting coagulation	
Phytomenadione (Vit K ₁)	Injection: 1 mg/mL; 10 mg/mL in 5-mL ampoule. Tablet: 10 mg.
Complementary List	
<i>Desmopressin</i>	Injection: 4 micrograms (acetate)/mL in 1-mL ampoule. Nasal spray: 10 micrograms (acetate) per dose. Tablet: 0.1 mg; 0.2 mg.
<i>Heparin sodium</i>	Injection: 1,000 units/mL; 5,000 units/mL in 1-mL ampoule.
<i>Protamine sulfate</i>	Injection: 10 mg/mL in 5-mL ampoule.
<i>Warfarin</i>	Tablet: 1 mg; 2 mg; 5 mg..
19.3 Medicines for haemoglobinopathies	
Complementary list	
<i>Hydroxyurea</i>	Capsule: 200 mg; 300 mg. Tablet: 100 mg; 1,000 mg.
20. MEDICINES CORRECTING WATER, ELECTROLYTE AND ACID-BASE DISTURBANCES	
20.1 Oral	
Oral rehydration salts	See 15.4.1.
Potassium chloride	Powder for solution.
20.2 Parenteral	
Darrows	Half-strength; Full-strength.
Glucose	Injectable solution: 5% (isotonic); 10% (hypertonic).
Glucose with sodium chloride	Injectable solution: 5% glucose + 0.45% sodium chloride (equivalent to Na ⁺ 75 mmol/L and Cl ⁻ 75 mmol/L); 5% glucose + 0.9% sodium chloride. (equivalent to Na ⁺ 150 mmol/L and Cl ⁻ 150 mmol/L).
Potassium chloride	Solution for dilution: 7.5% (equivalent to K ⁺ 1 mmol/mL and Cl ⁻ 1 mmol/mL); 15% (equivalent to K ⁺ 2 mmol/mL and Cl ⁻ 2 mmol/mL).
Sodium chloride	Injectable solution: 0.9% isotonic (equivalent to Na ⁺ 154 mmol/L, Cl ⁻ 154 mmol/L).
Sodium hydrogen carbonate	Injectable solution: 8.4% isotonic (equivalent to Na ⁺ 167 mmol/L, HCO ₃ ⁻ 167 mmol/L).
Ringers lactate	Injectable solution

20.3 Miscellaneous	
Water for injection	5-mL; 10-mL ampoules.
21. EAR, NOSE AND THROAT MEDICINES	
Acetic acid	Topical: 2%, in alcohol.
Budesonide	Nasal spray: 100 micrograms per dose.
Chloramphenicol	Ear drop: 5%.
Xylometazoline *	Nasal spray: 0.05%. <i>* Not for use in children less than 3 months.</i>
22. MEDICINES FOR MENTAL AND BEHAVIOURAL DISORDERS	
22.1 Antidotes to antipsychotic medicines	
Benzhexol (trihexyphenidyl)	Tablet: 2 mg; 5 mg.
Biperiden	Injection: 5 mg (lactate)/mL in 1-mL ampoule. Tablet: 2 mg.
22.2 Medicines for anxiety disorders	
Diazepam	Tablet: 2 mg; 5 mg.
22.3 Medicines used in mood disorders	
22.3.1 Medicines used in depressive disorders	
Amitriptyline	Tablet: 25 mg.
Complementary List	
<i>Fluoxetine*</i>	Tablet: 20 mg. <i>*For use in children >8 years.</i>
22.3.2 Medicines used in bipolar disorders	
Carbamazepine	Tablet: 100 mg; 200 mg.
Valproic acid (Sodium valproate)	Tablet (crushable): 100 mg. Tablet (enteric-coated): 200 mg; 500 mg.
22.4 Medicines used for obsessive compulsive disorders	
Clomipramine	Capsule: 10 mg; 25 mg .
22.5 Medicines used in psychotic disorders	
Chlorpromazine	Injection: 25 mg/mL in 2-mL ampoule. Oral liquid: 25 mg/5 mL. Tablet: 100 mg.
Fluphenazine	Injection: 25 mg (decanoate) in 1-mL ampoule.
Haloperidol	Injection: 5 mg (decanoate) in 1-mL ampoule. Tablet: 2 mg; 5 mg.
Risperidone	Tablet: 0.5 mg; 1 mg.

23. MEDICINES FOR PAIN AND PALLIATIVE CARE

23.1 Analgesics, anti-pyretics and non-steroidal anti-inflammatory medicines (NSAIMs)

Ibuprofen*	Oral liquid: 100 mg/5 mL. Tablet: 200 mg; 400 mg; <i>*Not for use in children < 3 months.</i>
Paracetamol**	Oral liquid: 125 mg/5 mL. Suppository: 100 mg. Tablet: 100 mg; 500 mg. <i>**Not recommended for anti-inflammatory use due to lack of proven benefit to that effect.</i>

23.2 Opioid analgesics

Morphine**	Granules (slow release; to be mixed with water): 20 mg; 30 mg; 60 mg (sulfate). Injection: 10 mg (hydrochloride or sulfate) in 1-mL ampoule. Oral liquid: 10 mg (hydrochloride or sulfate)/5 mL. Tablet (immediate release): 10 mg; 20 mg (sulfate). Tablet (slow release): 5 mg; 10 mg; 60 mg (hydrochloride or sulfate). <i>**Alternatives limited to hydromorphone and oxycodone.</i>
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Complementary List

Methadone**	Concentrate for oral liquid: 5 mg (hydrochloride)/mL; 10 mg/mL. Oral liquid: 5 mg/5 mL; 10 mg/5 mL (hydrochloride). Tablet: 5 mg; 10 mg. <i>**For the management of cancer pain.</i>
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23.3 Medicines for other symptoms common in palliative care

Amitriptyline	Tablet: 10 mg; 25 mg.
Cyclizine	Injection: 50 mg/mL. Tablet: 25 mg; 50 mg.
Dexamethasone	Injection: 4 mg (disodium phosphate salt)/mL in 1-mL ampoule. Oral liquid: 2 mg/5 mL. Tablet: 2 mg.
Diazepam	Injection: 5 mg/mL. Oral liquid: 2 mg/5 mL. Suppository: 2.5 mg; 5 mg; 10 mg. Tablet: 5 mg; 10 mg.
Docusate sodium	Capsule: 100 mg. Oral liquid: 50 mg/5 mL.
Fluoxetine*	Capsule: 20 mg. Tablet: 20 mg. <i>*For use in children >8 years</i>
Hyoscine hydrobromide	Injection: 400 micrograms/mL; 600 micrograms/mL. Transdermal patch: 1 mg/72 hours.

Lactulose	Oral liquid: 3.1 – 3.7 g/5 mL.
Midazolam	Injection: 1 mg/mL; 5 mg/mL. Oral liquid: 2 mg/mL.
Ondansetron*	Injection: 2 mg/mL in 2-mL ampoule Oral liquid: 4 mg/5 mL. Tablet: 4 mg; 8 mg. <i>*For children >1 month.</i>
Senna	Oral liquid: 7.5 mg/5 mL.
24. MEDICINES FOR RHEUMATIC AND MUSCULOSKELETAL DISEASES	
24.1 Biologicals	
Etanercept	Injection: 25 mg/0.5 mL (pre-filled).
Rituximab	Injection: 100 mg; 500 mg.
Tocilizumab	Injection: 20 mg/mL in 4-mL, 10-mL vial.
24.2 Corticosteroids	
Dexamethasone	Injection: 4 mg/mL. Tablet: 0.5 mg; 1 mg.
Methylprednisolone	Injection (suspension): 20 mg/mL. Powder for injection: 40 mg. Tablet: 2 mg; 4 mg.
Prednisolone	Tablet: 5 mg.
24.3 Disease-modifying agents used in rheumatic disorders (DMARDs)	
<i>Complementary List</i>	
<i>Cyclophosphamide</i>	Powder for injection: 500 mg; 1 g. Tablet: 25 mg; 50 mg.
<i>Hydroxychloroquine</i>	Tablet: 200 mg (sulfate).
<i>Methotrexate</i>	Tablet: 2.5 mg (sodium).
<i>Mycophenolate mofetil</i>	Tablet: 250 mg; 500 mg.
<i>Sulfasalazine</i>	Tablet: 500 mg.
24.4 Juvenile joint diseases	
Acetylsalicylic acid	Tablet: 100 mg; 300 mg.
24.5 Non-steroidal anti-inflammatory medicines	
Ibuprofen*	Oral liquid: 100 mg/5 mL. Tablet: 200 mg; 400 mg. <i>*Not for use in children < 3 months.</i>
Naproxen	Oral liquid: 125 mg/5 mL. Tablet: 250 mg.
25. MUSCLE RELAXANTS (PERIPHERALLY-ACTING) AND CHOLINESTERASE INHIBITORS	
<i>Complementary List</i>	
<i>Atracurium</i>	Injection: 10 mg/mL.

<i>Baclofen</i>	Tablet: 10 mg; 20 mg.
<i>Methocarbamol</i>	Tablet: 500 mg; 750 mg. Injection solution: 100 mg/mL.
<i>Neostigmine</i>	Injection: 500 micrograms (methylsulfate) in 1-mL ampoule; 2.5 mg (methylsulfate) in 1-mL ampoule.
<i>Pancuronium</i>	Injection: 2 mg (bromide)/mL.
<i>Pyridostigmine</i>	Injection: 1 mg in 1-mL ampoule. Tablet: 60 mg (bromide).
<i>Suxamethonium</i>	Injection: 50 mg/mL in 2-mL ampoule Powder for injection: vial.
26. OPHTHALMOLOGICAL PREPARATIONS	
26.1 Anti-infective agents	
Aciclovir	Eye ointment: 3%.
Azithromycin	Eye drops: 1.5%.
Erythromycin**	Eye ointment: 0.5%. ** <i>Infections due to Chlamydia trachomatis or Neisseria gonorrhoeae.</i>
Gentamicin	Eye drops: 0.3% (sulfate).
Natamycin	Eye drops: 5%.
Ofloxacin	Eye drops: 0.3%.
Tetracycline	Eye ointment: 1% .
26.2 Anti-inflammatory agents and anti-allergic medicines	
Prednisolone	Eye drops: 0.5% (sodium phosphate).
26.3 Local anaesthetics	
Tetracaine *	Eye drops: 0.5% . * <i>Not in preterm neonates.</i>
26.4 Mydriatics	
Atropine*/**	Eye drops: 0.1%; 0.5%; 1% (sulfate). * <i>For children >3 months.</i> ** Or homatropine (hydrobromide) or cyclopentolate.
Complementary List	
<i>Epinephrine (Adrenaline)</i>	Eye drops: 2% .
27. PERITONEAL DIALYSIS SOLUTION	
Complementary List	
<i>Intraperitoneal dialysis solution (of appropriate composition)</i>	Parenteral solution.
28. SPECIFIC MEDICINES FOR NEONATAL CARE	
28.1 Medicines administered to the neonate	
Aminophylline	Injection: 25 mg/mL.

Caffeine citrate	Injection: 20 mg/mL (equivalent to 10 mg caffeine base/mL). Oral liquid: 20 mg/mL (equivalent to 10 mg caffeine base/mL).
Chlorhexidine	Gel: 7.1% (digluconate) delivering 4% chlorhexidine (for umbilical cord care).
Complementary List	
<i>Ibuprofen</i>	Solution for injection: 5 mg/mL.
<i>Prostaglandin E</i>	Solution for injection: <i>Prostaglandin E1:</i> 0.5 mg/mL in alcohol. <i>Prostaglandin E2:</i> 1 mg/mL.
<i>Surfactant</i>	Suspension for intratracheal instillation: 25 mg/mL or 80 mg/mL.
29. VITAMINS, MINERALS AND NUTRITIONAL COMMODITIES	
29.1 Vitamins and minerals	
Ascorbic acid	Oral: 100 mg/5 mL. Tablet: 50 mg; 100 mg.
Cholecalciferol**	Capsule: 400 units; 1,000 units. Oral solution: 400 units/mL. Tablet: 400 units; 1,000 units. ** <i>Ergocalciferol can be used as an alternative.</i>
Iodine	Capsule: 190 mg. Iodized oil: 1 mL (480 mg iodine); 0.5 mL (240 mg iodine) in ampoule (oral or injectable); 0.57 mL (308 mg iodine) in dispenser bottle.
Pyridoxine	Tablet: 10 mg; 25 mg (hydrochloride).
Phytomenadione (Vit. K ₁)	Injection: 2 mg/mL.
Retinol	Capsule: 100,000 units; 200,000 units (palmitate). Oral oily solution: 100,000 units (palmitate)/mL in multidose dispenser. Tablet (sugar-coated): 10,000 units (palmitate). Water-miscible injection: 100,000 units (palmitate) in 2-mL ampoule.
Riboflavin	Tablet: 25 mg; 50 mg.
Thiamine	Capsule: 50 mg. Tablet: 50 mg; 100 mg.
Complementary List	
<i>Calcium gluconate</i>	Injection: 100 mg/mL in 10-mL ampoule.
29.2 The six nutritional commodities for malnourished children	
Therapeutic milk formula 75(f75)	Sachet: 410 g.
Therapeutic milk formula 100(f100)	Sachet: 456 g.
Micronutrient powder (MNP).	Sachet: 1 g.
Vitamin A	Capsule: 100,000 units (blue) for children 6-11 months; 200,000 units (red) for children 12-59 months.

Ready-to-use therapeutic food (RUTF)	Sachet: 500 Kcal.
Rehydration solution for severe malnutrition (RESOMAL)	Sachet: 45 mmol/L (sodium); 40 mmol/L (potassium).

**THE PRIMARY HEALTH CARE LIST
(HEALTH CENTRES)**

ANAESTHETICS (Local)	
Lidocaine	Injection. Topical.
ANALGESICS	
Ibuprofen	Capsule. Tablet.
Paracetamol	Oral liquid. Suppository. Tablet.
ANTIALLERGICS	
Chlorphenamine	Oral liquid. Tablet.
Epinephrine (Adrenaline)	Injection.
Promethazine	Oral liquid. Tablet.
ANTICONVULSANTS	
Diazepam**	Injection. **Use with extra caution.
Phenobarbital**	Injection. **Use with extra caution.
Paraldehyde	Injection: 5-mL; 10-mL ampoule.
ANTIDOTES	
Atropine	Injection.
Charcoal (activated)	Powder.
ANTIHYPERTENSIVE MEDICINES	
Amiloride	Tablet.
Amlodipine	Tablet.
Hydrochlorothiazide	Tablet.
ANTI-INFECTIVE MEDICINES	
Antibacterial medicines	
Amoxicillin	Capsule. Dispersible tablets. Powder for injection.

Benzathine benzylpenicillin	Injection.
Benzylpenicillin	Injection.
Co-trimoxazole	Oral liquid. Tablet.
Erythromycin	Tablet. Suspension.
Gentamicin	Injection.
Nitrofurantoin	Tablet.
Phenoxymethylpenicillin	Tablet.
Tetracycline	Capsule.
Antileprosy	
Clofazimine	Capsule.
Dapsone	Tablet.
Rifampicin	Capsule. Tablet.
Amoebicide	
Metronidazole	Tablet.
Anthelmintics	
Albendazole	Oral liquid. Tablet.
Praziquantel	Tablet.
Pyrantel pamoate	Oral liquid. Tablet.
Antifilarials	
Diethylcarbamazine	Tablet.
Ivermectin	Tablet.
Antimalarial medicines	
Artesunate	Injection. Suppository.
Artesunate + Amodiaquine	Tablet.
Artemether + Lumefantrine	Oral liquid. Tablet.
Clindamycin**	Capsule. <i>**Use only with Quinine in first trimester of pregnancy.</i>
dihydroartemisinin + Piperaquine phosphate	Tablet.
Sulfadoxine + Pyrimethamine **	Oral liquid. Tablet. <i>** Only as prophylaxis.</i>
Quinine**	Injection. <i>**Intramuscular, for pre-referral treatment only.</i>

ANTISEPTIC AND DISINFECTANTS	
Benzoin	Compound tincture.
Chlorhexidine	Gel. Solution.
Iodine	Solution.
Methylated spirit	Solution.
Sodium hypochlorite	Solution.
CARDIOVASCULAR MEDICINES	
Amiloride + Hydrochlorothiazide	Tablet.
Nifedipine	Tablet.
DERMATOLOGICAL MEDICINES	
Benzoic acid + Salicylic acid	Ointment.
Benzoyl peroxide	Cream. Gel.
Benzyl benzoate	Emulsion.
Calamine lotion	Lotion.
Gentamicin	Ointment.
Methyl salicylate	Ointment.
Neomycin + Bacitracin	Ointment. Powder.
Nystatin	Cream. Ointment.
Zinc oxide	Ointment.
MEDICINES AFFECTING THE BLOOD	
Ferrous salt	Oral liquid. Tablet.
Folic acid	Tablet.
DIAGNOSTIC AGENTS	
Rapid diagnostic tests	Various kits for malaria
Tuberculin	Injection (PPD).
DRESSINGS	
Absorbent gauze	
Cotton/crepe bandages	
Cotton wool	
Elastic plaster dressings	
Disposable gloves	
Disposable syringes	2 mL with needles (19; 21 Guage). 5 mL with needles (19; 21 Guage).
Dusting powder	

EYE DROPS	
Chloramphenicol	Eye drops.
Chlortetracycline	Eye ointment.
GASTROINTESTINAL MEDICINES	
Hyoscine N-butylbromide**	Table. ** For trained health personnel.
Hydrocortisone + Lidocaine	Suppository
Magnesium trisilicate	Compound tablet. Oral liquid.
Oral rehydration salt	Low osmolality oral rehydration salt co-packed with Zinc.
Senna	Tablet.
Zinc	Oral liquid. Tablet.
IMMUNOLOGICALS	
Anti-snake venom immunoglobulin	Injection.
Anti-tetanus serum	Injection.
BCG vaccine	Injection.
Diphtheria + Pertussis + Tetanus vaccine	Injection.
Measles vaccine	Injection.
Poliomyelitis vaccine	Oral liquid.
Tetanus vaccine	Injection.
Rabies vaccine	Injection.
PSYCHOTHERAPEUTIC MEDICINES	
Chlorpromazine	Injection.
RESPIRATORY MEDICINES	
Beclomethasone	Inhaler.
Salbutamol	Inhaler. Tablet.
VITAMINS AND MINERALS	
Ascorbic acid (Vitamin C)	Tablet.
Calcium gluconate	Injection.
Calcium lactate	Tablet.
Folic acid	Tablet.
Vitamin A	Capsule.
MISCELLANEOUS	
Water for injection	Injection.
Spatulas	

THE PRIMARY HEALTH CARE LIST
(PRIMARY HEALTH CARE CLINIC)

ANAESTHETICS (Local)	
Lidocaine	Injection. Topical.
ANALGESICS	
Ibuprofen	Capsule. Tablet.
Paracetamol	Oral liquid. Suppository. Tablet.
ANTIALLERGICS	
Chlorphenamine	Oral liquid. Tablet.
Epinephrine (adrenaline)	Injection.
Promethazine	Oral liquid. Tablet.
ANTICONVULSANTS	
Diazepam**	Injection. **Use with extra caution.
Phenobarbital**	Injection. **Use with extra caution.
Paraldehyde	Injection: 5-mL; 10-mL ampoule.
ANTIDOTES	
Atropine	Injection.
Charcoal (activated)	Powder.
ANTIHYPERTENSIVE MEDICINES	
Amiloride	Tablet.
Amlodipine	Tablet.
Hydrochlorothiazide	Tablet.
ANTI-INFECTIVE MEDICINES	
Antibacterial medicines	
Amoxicillin	Capsule. Dispersible tablets.

	Powder for injection.
Co-trimoxazole	Oral liquid. Tablet.
Amoebicides	
Metronidazole	Tablet.
Anthelmintics	
Mebendazole	Oral liquid. Tablet.
Antimalarial medicines	
Artesunate	Injection. Suppository.
Artesunate + Amodiaquine	Tablet.
Artemether + Lumefantrine	Oral liquid. Tablet.
dihydroartemisinin + piperazine phosphate	Tablet.
ANTISEPTIC AND DISINFECTANTS	
Benzoin	Compound tincture.
Chlorhexidine	Gel. Solution.
Iodine	Solution.
Methylated spirit	Solution.
Sodium hypochlorite	Solution.
CARDIOVASCULAR MEDICINES	
Nifedipine	Tablet.
DERMATOLOGICAL MEDICINES	
Benzoic acid + Salicylic acid	Ointment.
Benzoyl peroxide	Cream. Gel.
Benzyl benzoate	Emulsion.
Calamine lotion	Lotion.
Gentamicin	Ointment.
Methyl salicylate	Ointment.
Neomycin + Bacitracin	Powder.
Zinc oxide	Ointment.
MEDICINES AFFECTING THE BLOOD	
Ferrous salt	Oral liquid. Tablet.
Folic acid	Tablet.

DIAGNOSTIC AGENTS	
Rapid diagnostic tests	Various kits for malaria
DRESSINGS	
Absorbent gauze	
Cotton/crepe bandages	
Cotton wool	
Disposable gloves	
Disposable syringes	2 mL with needles (19 G; 21 G). 5 mL with needles (19 G; 21 G).
EYE DROPS	
Chloramphenicol	Eye drops.
GASTROINTESTINAL MEDICINES	
Hyoscine N-butylbromide**	Tablet. <i>** For trained health personnel.</i>
Magnesium trisilicate	Compound tablet. Oral liquid.
Oral rehydration salt	Low osmolality oral rehydration salt co-packed with Zn.
Senna	Tablet.
Zinc	Oral liquid. Tablet.
IMMUNOLOGICALS	
Anti-Tetanus serum	Injection.
RESPIRATORY MEDICINES	
Beclomethasone	Inhaler.
Salbutamol	Inhaler. Tablet.
VITAMINS AND MINERALS	
Ascorbic acid (Vitamin C)	Tablet.
Calcium salts	Tablet.
Folic acid	Tablet.
Vitamin A	Capsule.
MISCELLANEOUS	
Water for injection	Injection.
Spatulas	

**THE PRIMARY HEALTH CARE LIST
(HEALTH POSTS)**

Absorbent gauze	Dressing.
Amoxicillin	Dispersible tablets.
Artemether + lumefantrine	Oral liquid. Tablet.
Artesunate + amodiaquine	Tablet.
Benzyl benzoate	Emulsion.
Calamine	Lotion.
Chlorhexidine	Gel. Solution.
Clinical thermometer	
Cotton wool/crepe bandages	Dressing.
Ferrous salts	Tablet.
Folic acid	Tablet.
Methyl salicylate	Ointment.
Methylated spirit	Solution.
Paracetamol	Oral liquid.
Oral Rehydration Salts	Low Osmolarity Oral Rehydration Salts, co-packed with Zinc.
Plastic aprons	
Povidone iodine	Tincture.
Rapid Diagnostic Test	Various kits for malaria
Salicylic acid + Benzoic acid (Whitfield's)	Ointment.
Surgical blades	
Zinc	Oral liquid. Tablet
Zinc oxide plaster	Dressing.

LIST OF PRODUCTS TO BE STOCKED AND SOLD BY PATENT MEDICINE
VENDOR

ANALGESICS AND ANTIPYRETICS	
Ibuprofen	Capsule/tablet: 200 mg. Oral liquid: 100 mg/5 mL.
Paracetamol	Oral liquid: 125 mg/5 mL. Tablets: 125 mg; 500 mg.
ANTACID MEDICINES	
Aluminium hydroxide	Oral liquid: 100 mL; 200 mL.
Magnesium trisilicate	Oral liquid: 100 mL, 200 mL Tablet: Compound.
ANTI-ANAEMIA MEDICINES (HAEMATINICS)	
Ferric ammonium citrate	Oral liquid: 400 mg/5 mL.
Ferrous salts	Tablet: 200 mg (sulfate); 300 mg (gluconate).
Folic acid	Tablet: 5 mg.
ANTI-DIARRHOEAL MEDICINES	
Zinc (sulfate) + Low Osmolarity Oral Rehydration Salts	Low Osmolarity Oral Rehydration Salts, co-packed with zinc sulfate tablets: 20.5 g ORS (sodium chloride 2.6 g + potassium chloride 1.5 g + sodium citrate 2.9 g + dextrose 13.5 g) + 20 mg dispersible zinc sulfate.
ANTIHELMINTHICS	
Albendazole	Oral liquid: 400 mg/20 mL. Tablet: 200 mg; 400 mg.
Levamisole	Oral liquid: 40 mg/5 mL. Tablet: 40 mg.
Mebendazole	Oral liquid: 100 mg/5 mL. Tablet: 100 mg.
Pyrantel pamoate	Oral liquid: 125/5 mL. Tablet: 125 mg.
ANTI-INFECTIVE MEDICINES	
Amoxicillin**	Dispersible tablet: 125 mg; 250 mg. ** For appropriately trained personnel.
ANTIMALARIALS	
Artesunate	Suppository: 50 mg; 100 mg.

Artesunate + amodiaquine	Oral liquid: 15 mg + 90 mg in 5 mL Tablet: 25 mg + 67.5 mg; 50 mg + 135 mg; 100 mg + 270 mg.
Artemether + lumefantrine	Tablet: 20 mg + 120 mg.
Sulfadoxine + pyrimethamine**	Oral liquid: 500 mg + 25 mg/5 mL Tablet: 500 mg + 25 mg. <i>**Used only as prophylaxis.</i>
ANTISEPTIC AND DISINFECTANT SOLUTIONS	
Benzoin	Compound tincture.
Cetrimide + chlorhexidine	Solution: 15% + 1.5%.
Chlorhexidine gluconate	Solution: 5% for dilution.
Chlorhexidine	Gel: 4% in 25 g (Umbilical cord care).
Chloroxylenol	Solution: 5% (for dilution).
Dichloroxylenol + chlorophenol	Soap, solution.
Methylated spirit	Solution: 50 mL; 100 mL.
Povidone iodine	Solution: 30 mL; 60 mL.
Sodium hypochlorite	Solution: 10% (250 mL; 500 mL).
COLD RELIEF MEDICINES	
Chlorphenamine maleate	Tablet: 4 mg. Oral liquid: 2 mg/mL.
Diphenhydramine preparations	Oral liquid: 2 mg/5 mL.
DERMATOLOGICALS	
Anti-infective medicines	
Gentian violet	Tincture: 1%.
Silver sulfadiazine	Cream: 1%.
Antipruritic and astringent medicines	
Calamine	Lotion.
Calamine + zinc oxide	Lotion; plaster.
Fungicides	
Benzoic acid + salicylic acid (Whitfield's)	Ointment: (6% + 3%).
Clotrimazole	Cream: 1%. Powder: 1%. Solution: 1%.
Selenium sulfide	Shampoo: 2.5%.
Keratolytic and keratoplastic medicines	
Coal tar	Solution/ointment.
Salicylic acid*	Ointment: 2.5%. Solution: 12% in flexible collodion. <i>* Not to be used for children < 2 years.</i>

Scabicides and pediculicides	
Benzyl benzoate	Emulsion: 25%.
Monosulfiram	Solution: 25%. Soap: 25%.
DRESSINGS	
Absorbent gauze	
Cotton/crepe bandages	
Cotton wool	
Elastic plaster dressings	
Dusting powder	
MOUTHWASH	
Hexetidine	Solution: 0.1%.
NON-SPECIFIC (GENERAL) ANTIDOTES	
Charcoal, activated	Powder/granules: 5 g. Capsule: 260 mg. Tablet: 1 g.
RUBEFIACENTS AND INHALERS	
Methyl salicylate compound preparations	Balm, cream, embrocation, liniment, rubs, ointment, oil and inhaler.
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%)
Menthol + eucalyptus oil + camphor + thymol	Lozenges: (0.207% + 0.069% + 0.0007% + 0.0007%).
VITAMINS, MINERALS AND NUTRITIONALS	
Ascorbic acid (Vitamin C)	Oral liquid: 100 mg/5 mL. Tablet: 100 mg.
Calcium salts	Tablet: 600 mg (gluconate). Tablet: 300 mg (lactate).
Cod liver oil	Capsule, oral liquid.
Folic acid	Tablet: 5 mg.
Glucose	Powder for oral use.
Multi vitamins	Capsule, drop, oral liquid, tablet.
Vitamin B complex	Oral liquid, tablet.

APPENDIX 1: APPROVED DOSES FOR VITAMINS

Vitamin	Daily Dosage
Folic acid	40 - 200 micrograms.
Pantothenic acid	1.7 - 4 mg.
Vitamin A	100,000 – 200,000 units.
Vitamin B ₁ (thiamine)	0.2 – 1.2 mg/day.
Vitamin B ₂ (riboflavin)	1 -1.8 mg.
Vitamin B ₆ (pyridoxine hydrochloride)	0.3 - 0.6 mg.
Vitamin B ₁₂ (cyanocobalamin)	0.4 micrograms – 1.8 mg. Injections: 0.2 microgram/kilogram body weight/daily; up to 1000 mcg daily.
Vitamin C (ascorbic acid)	40 mg – 1.8 g/day.
Vitamin D (cholecalciferol)	400 units/day
Vitamin E	4mg -15 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.

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Folic acid.....	16, 26, 27, 29, 30, 31, 32, 34, 35	Ibuprofen.....	9, 19, 20, 22, 24, 28, 32
<i>Folinic acid</i>	10	<i>Ifosfamide</i>	10
<i>Fomepizole</i>	3	Insulin injection (soluble).....	15
Furosemide.....	11, 13	Intermediate-acting insulin	15
Gentamicin.....	21, 25, 26, 29	<i>Intraperitoneal dialysis solution (of appropriate composition)</i>	21
Gentian violet.....	33	Iodine	22, 26, 29
Glucagon.....	15	Ipratropium bromide.....	16
Glucose	14, 15, 17, 34	Isoflurane	1
<i>Glycopyrrolate</i>	1	Isoniazid.....	7
<i>Granulocyte colony-stimulating factor (GCSF)</i>	10	Isoniazid + Pyrazinamide + Rifampicin ...	7
Griseofulvin	6	Isoniazid + Pyridoxine + Sulfamethoxazole + Trimethoprim	8
<i>Haemophilus influenzae</i> Type b vaccine	15	Isoniazid + Rifampicin	7
Haloperidol	18		

Itraconazole.....	6	Menthol + eucalyptus oil + camphor + thymol	34
Ivermectin	3, 25	<i>Mercaptopurine</i>	10
Ketamine	1	<i>Mesna (Mercaptoethane sulfonate sodium)</i>	10
Lactulose	20	<i>Metformin</i>	15
Lamivudine	8	<i>Methadone</i>	19
Lamivudine (3TC).....	8	<i>Methocarbamol</i>	21
Lamivudine + Nevirapine + Zidovudine...8		<i>Methotrexate</i>	10, 20
Lamivudine + Zidovudine.....	8	Methyl salicylate.....	26, 29, 31
Levamisole	32	Methyl salicylate compound preparations.....	34
Levothyroxine	15	Methylated spirit.....	26, 29, 31, 33
Lidocaine.....	1, 12, 24, 27, 28	<i>Methylprednisolone</i>	10, 20
Liquid paraffin	14	Metoclopramide.....	13
Loperamide	14	Metronidazole	3, 5, 25
Lopinavir + Ritonavir (LPV/r).....	8	Miconazole	12
Loratadine	2	Micronutrient powder (MNP).....	22
Lorazepam.....	2	Midazolam	1, 2, 20
<i>Lugol's solution</i>	15	Monosulfiram	34
lumefantrine	25, 29	Morphine.....	19
Magnesium trisilicate.....	27, 30, 32	Multi vitamins.....	34
<i>Mannitol</i>	13	Mupirocin	12
Measles vaccine	16, 27	<i>Mycophenolate mofetil</i>	9, 20
Mebendazole	4, 29, 32	Naloxone.....	3
Mefloquine.....	6	Naproxen	20
<i>Melarsoprol</i>	7	Natamycin.....	21
Meningococcal meningitis vaccine	16	Neomycin + Bacitracin.....	26, 29
Menthol + ascorbic acid + hydrous citric acid	34		

<i>Neostigmine</i>	21	Phytomenadione (Vit K ₁)	17
Nevirapine (NVP)	8	Phytomenadione (Vit. K ₁)	22
Nifedipine	26, 29	Pneumococcal conjugate vaccine	16
Nifurtimox	7	Podophyllum resin	12
Nitrofurantoin	5, 25	Poliomyelitis vaccine	16, 27
Nitrous oxide.....	1	Polygeline	11
Nystatin.....	6, 12, 26	Potassium chloride.....	14, 17
Ofloxacin.....	21	<i>Potassium iodide</i>	15
Omeprazole.....	13	Potassium permanganate.....	12
Ondansetron	13, 20	Povidone iodine	11, 31, 33
Oral rehydration salt	27, 30	<i>Pralidoxime</i>	3
Oral rehydration salts	14, 17	Praziquantel	3, 4, 25
Oral Rehydration Salts.....	31	Prednisolone	2, 10, 20, 21
<i>Oxamniquine</i>	4	Promethazine.....	1, 14, 24, 28
Oxygen.....	1	Propofol	1
<i>Paclitaxel</i>	10	Propranolol	9
<i>p-Aminosalicylic acid</i>	7	<i>Propylthiouracil</i>	15
<i>Pancuronium</i>	21	<i>Prostaglandin E</i>	22
Pantothenic acid.....	35	<i>Protamine sulfata</i>	17
Paracetamol.....	9, 19, 24, 28, 31, 32	Pyrantel pamoate.....	4, 25, 32
Paraldehyde.....	24, 28	Pyrazinamide	7
Pentamidine	7	<i>Pyridostigmine</i>	21
Permethrin.....	13	Pyridoxine.....	8, 22
Phenobarbital	2, 24, 28	Pyrimethamine	7, 25
Phenoxymethylpenicillin	5, 25	Pyrimethamine + sulfadoxine.....	25
Phenytoin	2	Quinine	6, 25

Rabeprazole.....	13	Silver sulfadiazine	12, 33
Rabies vaccine	16, 27	<i>Sodium calcium edetate</i>	3
Ranitidine.....	13	Sodium chloride.....	14, 17
Rapid Diagnostic Test.....	31	Sodium hydrogen carbonate	17
Rapid diagnostic tests	26, 30	Sodium hypochlorite.....	26, 29, 33
Ready-to-use therapeutic food (RUTF) ..	23	Sodium stibogluconate or Meglumine antimoniate.....	6
Rehydration solution for severe malnutrition (RESOMAL)	23	<i>Sodium valproate (Valproic acid)</i>	2
Retinol.....	22	Spatulas.....	27, 30
Riboflavin	22	<i>Spironolactone</i>	13
<i>Rifabutin</i>	7	<i>Streptomycin</i>	7
Rifampicin	7, 25	<i>Succimer</i>	3
<i>Rifapentine</i>	7	Sulfadoxine + Pyremethamine.....	6
Ringers lactate.....	17	Sulfadoxine + pyrimethamine.....	33
Risperidone	18	Sulfamethoxazole + Trimethoprim** (Co- trimoxazole)	5
Ritonavir	8	Sulfamethoxazole + Trimethoprim.....	7
Rituximab.....	20	<i>Sulfasalazine</i>	20
Rotavirus vaccine.....	16	Suramin sodium	7
Rubella vaccine	16	<i>Surfactant</i>	22
Salbutamol	16, 27, 30	<i>Suxamethonium</i>	21
Salicylic acid.....	12, 26, 29, 33	Tenofovir	8
Salicylic acid + Benzoic acid (Whitfield's).....	31	Terbinafine.....	12
Salmeterol + Fluticasone	16	Tetanus vaccine	16, 27
Selenium sulfide.....	33	Tetracaine	21
Senna.....	14, 20, 27, 30	Tetracycline	21, 25
Sevoflurane	1	Therapeutic milk formula 100(f100)	22

Therapeutic milk formula 75(f75)	22	Vitamin B ₁ (thiamine).....	35
Thiamine	22	Vitamin B ₁₂ (cyanocobalamin).....	35
<i>Thioguanine</i>	10	Vitamin B ₂ (riboflavin).....	35
Tinidazole	3	Vitamin B ₆ (pyridoxine hydrochloride)..	35
Tocilizumab	20	Vitamin C (ascorbic acid).....	35
Triamcinolone	12	Vitamin D (cholecalciferol).....	35
Tropicamide	13	Vitamin E.....	35
Tuberculin.....	15, 26	<i>Warfarin</i>	17
Tuberculin, purified protein derivative (PPD).....	15	Water for injection	18, 27, 30
Typhoid vaccine.....	16	Yellow fever vaccine	16
Urea.....	13	Zidovudine (ZDV or AZT)	8
Valproic acid (Sodium valproate).....	18	Zinc	12, 14, 26, 27, 29, 30, 31
<i>Vancomycin</i>	5	Zinc (sulfate) + Low Osmolarity Oral Rehydration Salts	32
<i>Vinblastine</i>	10	Zinc chloride + zinc sulfate	12
<i>Vincristine</i>	10	Zinc oxide	26, 29
Vitamin A.....	22, 27, 30, 35	Zinc oxide plaster	31
Vitamin B complex	34	Zinc sulfate	14