FOREWORD

It is with great pleasure that I write the foreword of this sixth edition of the National Essential Medicines List EML recalling that the first edition was published in 1989 in accordance with provisions of the then Decree 43 of 1989.

Essential Medicines, the List and the operational Programme have played an important role in the supply of medicines in the pharmaceutical sector of the Health care delivery system of Nigeria. The provision of medicines across the three levels of the health care system can only be guaranteed by appropriate selection of medicines required by the population as dictated by the prevalent morbidity profile. The policy of this government is to ensure that essential medicines are available at all times to its people all over the country as it expands the primary care system to ensure access to healthcare.

I have been reliably informed of the intense deliberations based on evidence, state of the art and painstaking effort of the Expert Committee on Essential Medicines to address the various issues that accompany the revision of such List ensuring that only the appropriate medicines are selected during the exercise. The Committee has addressed Medicines for use in the Public Health Programmes as well as in other areas that have gained increasing attention in the health care system such as cancers, diseases of the elderly, endemic and emerging diseases. It is gratifying that due attention has been paid to children and women with consideration of medicines advised by the UN Commission on Life Saving Commodities (UNCoLSC). I have also noted the commitment of the Committee towards inclusiveness, accommodating medicines for all levels of the healthcare system which would ensure full compliance in the use of the EML in the health sector. In effect, with a good stock management and an efficient referral system, problems regarding the supply of medicines and its availability are unlikely in our healthcare facilities.

I urge all the health care professionals to comply with the provision of the EML; prescribe, dispense and administer medicines rationally. I will like to assure doctors that the EML is a dynamic list and there is a statutory provision to make available medicines not listed but required in exceptional circumstances for treatment of patients.

I have also been informed of the superficial penetration of the EML concept amongst healthcare professionals and I intend through various organs of the Ministry of Health to further sensitize health personnel raising their awareness on the Essential Medicine Concept and List. Furthermore, the Ministry will ensure a wide and efficient distribution of the EML as well as an appropriate and effective monitoring and evaluation of its impact in the healthcare system. It is also pertinent to mention that the Expert Committee has also developed the second edition of the National Standard Treatment Guidelines to further improve the standard of care and in conformity with the paradigm shift in the development of the EML.

Lastly, I commend the Chairman, Members of the EML Committee, Personnel in the Ministry and other operators in the Public Health Programmes for their commitment in producing this edition of the EML. I also appreciate with thanks the continued support of the Nigerian Country Office of the World Health Organization, Clinton Health Access Initiative and Micronutrient International as well as other partners who have provided the much needed support in the production of this document.

Prof. Isaac F. Adewole, FAS, FSPSP, FRCOG, DSc. (Hons.)
Honourable Minister of Health
Federal Ministry of Health
Nigeria.
June, 2016
PREFACE

This is the sixth edition of the National Essential Medicines List coming six years after the last revision in 2010. The process adopted in this revision has largely followed the 2001 revised procedure for updating WHO’s Model List of Essential Medicines. Essentially the procedure for production of this list followed the initial revision of the Standard Treatment Guidelines and extensive consultation with all stakeholders including the Public Health programmes. It is intended that prudent use of the medicines in the list will foster rational, safe and cost-effectiveness in the provision of health care.

In order to ensure more inclusiveness, comprehensiveness and use by all levels of the healthcare system, notice has been taken of a broadened scope of medicines for treatment of diseases at higher levels of care. In effect, the number of medicinal products and vaccines has increased but the restrictions in the use of medicines in the complementary section to specialists and/or programmes remain to ensure appropriate use at each level. It is the intention to make the list relevant to all health care providers and by observing the barriers set for each level the rational use of these medicines will be guaranteed. Another factor accounting for the relative increase and complexities is a more comprehensive inclusiveness of medicines used in the public health programmes, emerging diseases, rheumatology as well as in oncology. This is to satisfy the growing need for medicines in these areas which were not comprehensively addressed in the past and it is recommended that medicines in the complementary (restricted) section should be used prudently by specialists after appropriate evaluation of the patients.

The Committee made intense effort in the choice of appropriate medicines when the need arose using standard procedure however it accepts any lapses or errors and will be happy to get a feedback to rectify such issues. It should also be noted that the List is a dynamic one and does not require a new revision to accommodate pressing changes.

Healthcare Providers at all levels are advised to limit their choice of medicines to the list so as to realize the objectives set for its use. A statutory provision exists for use of medicines outside the list and should be sought to ensure that no patient is deprived of standard and expected care.

The Committee appreciates with gratitude the opportunity granted them to serve in this capacity and thank the Honourable Minister for his support. The contribution of the WHO, CHAI and in-house work by the directors, public health programme managers and other staff is duly acknowledged.

Professor Ambrose O. Isah

MBBS, FMCP, FWACP, FRCP (Edin.), MD (UK)
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ACKNOWLEDGMENT
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APPENDIX 2: RESTRICTED MEDICINES LIST

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1. **ANAESTHETICS**

### 1.1 General anaesthetics and oxygen

<table>
<thead>
<tr>
<th>Anaesthetic</th>
<th>Formulation</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halothane</td>
<td>Inhalation: Liquid, 250-mL bottle</td>
<td></td>
</tr>
<tr>
<td>Isoflurane</td>
<td>Inhalation: Liquid, 250-mL bottle</td>
<td></td>
</tr>
<tr>
<td>Ketamine</td>
<td>Injection: (hydrochloride), 10 mg Halothane mL in 20-mL vial, 50 mg/mL in 10-mL vial, 100 mg/mL in 5-mL vial</td>
<td></td>
</tr>
<tr>
<td>Propofol</td>
<td>Injection: (emulsion), 10 mg/mL in 20 mL ampoule</td>
<td></td>
</tr>
<tr>
<td>Nitrous oxide</td>
<td>Inhalation: Medicinal gas</td>
<td></td>
</tr>
<tr>
<td>Oxygen</td>
<td>Inhalation: Medicinal gas</td>
<td></td>
</tr>
</tbody>
</table>

### 1.2 Local anaesthetics

<table>
<thead>
<tr>
<th>Anaesthetic</th>
<th>Formulation</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bupivacaine</td>
<td>Injection: (hydrochloride), 0.25%, 0.5%With epinephrine (adrenaline) 1:200,000 in 10-mL ampoule. Hyperbaric formulation: (hydrochloride), 0.5% in 4-mL ampoule to be mixed with 7.5% glucose solution</td>
<td></td>
</tr>
<tr>
<td>Lidocaine</td>
<td>Cream or ointment: 2 - 5% Dental cartridges: 2% + epinephrine (adrenaline) 1:80,000 Injection: (hydrochloride) 1%, 2%, vial Gel or solution: 2 - 4% Injection: 1%, 2% + epinephrine (adrenaline) 1:200,000, vial Spray (aerosol): 10%</td>
<td></td>
</tr>
</tbody>
</table>

### 1.3 Premedication medicines and anaesthetic adjuvants

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atropine</td>
<td>Injection: (sulfate), 500 micrograms mg, 1 mg in 1-mL ampoule</td>
<td></td>
</tr>
<tr>
<td>Diazepam</td>
<td>Injection: 5 mg/mL in 2-mL ampoule</td>
<td></td>
</tr>
<tr>
<td>Midazolam</td>
<td>Injection: (hydrochloride), 1 mg/mL in 1-mL, 2-mL and 5-mL ampoule, 2 mg/mL in 2-mL and 5-mL ampoule. Oral Liquid: 2.5 mg/mL</td>
<td></td>
</tr>
<tr>
<td>Morphine</td>
<td>Injection: (sulfate or hydrochloride), 10 mg, 15 mg in 1-mL ampoule Injection: (preservative-free), 0.5 mg/mL, 1 mg/mL in 10-mL vials</td>
<td></td>
</tr>
<tr>
<td>Promethazine</td>
<td>Oral liquid: for children (hydrochloride), 5 mg/5 mL</td>
<td></td>
</tr>
</tbody>
</table>

### 1.4 Skeletal muscle relaxants and cholinesterase inhibitors

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atracurium</td>
<td>Injection: 10 mg/mL</td>
<td></td>
</tr>
<tr>
<td>Neostigmine</td>
<td>Injection: (methylsulfate), 2.5 mg/mL in 1 mL ampoule</td>
<td></td>
</tr>
<tr>
<td>Pancuronium</td>
<td>Injection: (bromide), 2 mg / mL</td>
<td></td>
</tr>
<tr>
<td>Suxamethonium</td>
<td>Injection: (chloride), 50 mg/mL in 2-mL ampoule Injection: powder (chloride), vial</td>
<td></td>
</tr>
</tbody>
</table>

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2. **ANALGESICS, ANTIPYRETICS AND NON-STEROIDAL ANTI-INFLAMMATORY MEDICINES**

### 2.1 Narcotic analgesics

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dihydrocodeine**</td>
<td>Injection: 50 mg/mL in 1-mL ampoule</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tablet: (tartrate), 30 mg</td>
<td></td>
</tr>
<tr>
<td>Fentanyl</td>
<td>Injection: (citrate), 25 micrograms/mL; 50 micrograms/mL in 1-mL, 2-mL and 10-mL ampoules Injection: (citrate, preservative-free), 50 micrograms/mL in 1-mL, 2-mL and 10-mL ampoules</td>
<td></td>
</tr>
</tbody>
</table>

** Marked for deletion
| **Morphine** | **Injection:** (sulfate or hydrochloride), 10 mg, 15 mg in 1-mL ampoule  
**Tablet:** 10 mg, modified release, 30, 60 mg  
| **Pentazocine** | **Injection:** (lactate), 30 mg in 1-mL ampoule  
| **Pethidine** | **Injection:** (hydrochloride), 50 mg/mL in 1-mL and 2-mL ampoule  
| **Tramadol** | **Capsule:** (hydrochloride), 50 mg, 100 mg,  
**Injection:** (hydrochloride), 60 mg/mL in 1-mL and 2-mL ampoule, 100 mg/2 mL in 2-mL ampoule  

**2.2 Narcotic antagonist medicines for treatment of opioid dependence***  
| Naloxone | **Injection:** (hydrochloride) 0.4 mg in 1-mL ampoule  

**2.3 Non-narcotic analgesics and antipyretics**  
| Acetylsalicylic acid | **Capsule/Tablet:** 300 mg  
| Paracetamol | **Injection:** 150 mg/mL  
**Oral liquid:** 125 mg/5 mL  
**Suppository:** 100 mg  
**Tablet:** 125 mg, 500 mg  

**2.4 Non-steroidal anti-inflammatory medicines and medicines used for gout/rheumatoid medicines**  
| Allopurinol | **Tablet:** 100 mg  
| Diclofenac | **Gel:** 1%  
**Injection:** 25 mg/mL ampoule  
**Tablet:** 25 mg, 100 mg  
| Ibuprofen | **Capsule/tablet:** 200 mg and 400 mg  
| Ketoprofen | **Gel:** 2.5%  
| Naproxen | **Tablet:** 250 mg  

**2.5 Anticonvulsants (anti-epileptics)**  
| Carbamazepine | **Tablet:** 100 mg, 200 mg  
| Clonazepam | **Injection:** 1 mg/mL ampoule for dilution  
**Oral liquid:** 500 micrograms/5 mL  
**Tablet:** 500 micrograms  
| Diazepam | **Injection:** 5 mg/mL in 2-mL ampoule  
| Ethosuximide | **Capsule/tablet:** 250 mg  
**Oral liquid:** 250 mg/5 mL  
| Magnesium sulphate | **Injection:** 50% in 2-mL ampoule; 20% as 5 or 10-mL ampoule  
| Phenobarbital | **Oral liquid:** 15 mg/5 mL  
**Tablet:** 15 mg, 30 mg, 60 mg  
| Phenytoin sodium | **Capsule/tablet:** 25 mg, 50 mg, 100 mg  
| Pregabalin | **Capsules:** 25 mg, 50 mg, 75 mg, 150 mg, 300 mg  
| Sodium valproate | **Oral liquid:** 200 mg/5 mL  
**Tablet:** (enteric-coated), 100 mg, 200 mg, 500 mg  

**4. Antidotes**  

**4.1 Non-specific (general) antidote**  
| Charcoal, activated | **Tablet:** 1 g  
**Powder/granules:** 5 g sachet  

**4.2 Specific antidotes**  
| Atropine | **Injection:** (sulfate), 1 mg in 1-mL ampoule  
| Desferoxamine | **Injection:** (mesylate), 500 mg, vial  

**3. Essential Medicine List (Sixth edition, 2016)**
### Dimercaprol
**Injection:** 50 mg/mL in 2-mL ampoule

### Flumazenil
**Injection:** 100 micrograms/mL in 5-mL ampoule

### Methylmethionine
**Tablet:** 250 mg

### Methylmethioninium chloride (methylene blue)
**Injection:** 10 mg/mL in 10-mL ampoule

### Naloxone
**Injection:** (sulfate), 1 mg in 1-mL ampoule
**Injection:** (hydrochloride), 0.4 mg in 1-mL ampoule

### N-Acetylcysteine
**Injection:** 200 mg/mL in 10-mL ampoule
**Oral liquid:** 10%, 20%

### Phytomenadione (vitamin K₁)
**Injection:** 10 mg/mL in 1-mL ampoule

### Potassium ferric Hexacyanoferrate (II) (Prussian blue)
**Injection:** 10 mg/mL in 1-mL ampoule

### Protamine sulfate
**Injection:** 100 micrograms/mL in 5-mL ampoule

### Sodium calcium edetate
**Injection:** 200 mg/mL in 5-mL ampoule

### Sodium nitrite
**Injection:** 30 mg/mL in 10-mL vial

### Sodium thiosulfate
**Injection:** 500 mg/mL

### 5. ANTI-INFECTIVE MEDICINES

#### 5.1 Amoebicide

**Metronidazole**
**Oral liquid:** 200 mg/5 mL
**Tablet:** 200 mg, 400 mg

**Tinidazole**
**Tablet:** 500 mg

#### 5.2 Anthelmintics

##### 5.2.1 Intestinal antihelmintics

**Albendazole**
**Oral liquid:** 100 mg/5 mL
**Tablet:** 200 mg

**Mebendazole**
**Oral liquid:** 100 mg/5 mL
**Tablet:** 100 mg, 500 mg

**Praziquantel**
**Tablet:** 600 mg

##### 5.2.2 Antifilarials

**Ivermectin**
**Tablet:** 3 mg, 6 mg

##### 5.2.3 Antischistosomal and other antitrematode medicines

**Praziquantel**
**Tablet:** 600 mg

#### 5.3 Antibacterial medicines

**Amoxicillin**
**Capsule:** (trihydrate), 250 mg; 500 mg
**Dispersible tablet:** 125 mg and 250 mg
**Injection:** (sodium salt), 250 mg, 500 mg, vial
**Powder for oral liquid:** (trihydrate), 125 mg/5 mL

**Amoxicillin + clavulanic acid**
**Capsule/tablet:** amoxicillin (trihydrate), 250 mg + clavulanic acid (potassium salt), 125 mg
**Injection powder:** amoxicillin (trihydrate), 500 mg + clavulanic acid (potassium salt), 100 mg, vial; amoxicillin (trihydrate) 1 g + clavulanic acid 200 mg, vial.
**Powder for oral liquid:** amoxicillin (trihydrate), 125 mg + clavulanic acid (potassium salt) 31.25 mg

**Ampicillin + cloxacillin**
**Capsule:** 250 mg of each
**Injection powder:** (sodium salt), 250 mg of each, vial
**Neonatal drops:** ampicillin 60 mg + cloxacillin 30 mg/0.6 mL
**Neonatal injection:** ampicillin 50 mg + cloxacillin 25 mg, vial
**Powder for oral liquid:** 125 mg of each/5 mL
### Azithromycin
- **Capsule**: 250 mg, 500 mg
- **Oral liquid**: 200 mg/5 mL

### Benzathine benzylpenicillin
- **Injection powder**: equivalent to 720 mg (1.2 million units)
- **1.44 g (2.4 million units) of benzylpenicillin, vial**

### Benzylpenicillin
- **Injection powder**: (sodium or potassium salt), 600 mg (1 million units), 3.0 g (5 million units), vial

### Ceftriaxone
- **Injection powder**: 250 mg, 500 mg, 1 g, vial

### Cefuroxime
- **Oral liquid**: (axetil), 125 mg / 5 mL
- **Injection**: (sodium salt), 250 mg, 750 mg, vial
- **Tablet**: (axetil), 125 mg, 250 mg, 500 mg

### Ciprofloxacin*
- **Injection**: (lactate) 2 mg / mL in 50-mL, 100-mL bottle

### Clarithromycin
- **Suspension**: 250 mg/5 mL
- **Tablet**: 250 mg, 500 mg

### Clindamycin
- **Capsule**: (hydrochloride), 150 mg
- **Injection**: (phosphate), 150 mg/mL

### Cefuroxime
- **Capsule**: 250 mg
- **Injection powder**: 250 mg, 500 mg, vial
- **Powder for oral liquid**: 125 mg/5 mL

### Co-trimoxazole
- **Oral liquid**: sulfamethoxazole 200 mg + trimethoprim 40 mg/5 mL
- **Tablet**: sulfamethoxazole 400 mg + trimethoprim 80 mg

### Doxycycline
- **Capsule**: (hydrochloride), 100 mg

### Erythromycin
- **Capsule/tablet, enteric/film-coated**: (stearate or ethylsuccinate), 250 mg, 500 mg
- **Injection powder**: (lactobionate), 500 mg, vial
- **Oral liquid**: (stearate or ethylsuccinate), 125 mg/5 mL

### Flucloracilin
- **Capsule**: 250 mg, 500 mg
- **Powder for oral liquid**: 125 mg/5 mL

### Gentamicin
- **Injection**: (Sulphate), 40 mg/mL in 2 mL ampoule

### Levofloxacin*
- **Injection**: 5 mg/mL in 100-mL bottle
- **Tablet**: 250 mg, 500 mg, 750 mg

### Metronidazole
- **Injection**: 500 mg in 100-mL bottle

### Nitrofurantoin
- **Tablet**: 50 mg, 100 mg

### Phenoxyethylpenicillin
- **Tablet**: (potassium salt), 250 mg

### Tetracycline
- **Capsule/tablet, (hydrochloride), 250 mg
- **Injection powder**: 100 mg, 250 mg, vial
- **Eye ointment**

### Vancomycin
- **Capsule**: 250 mg, 500 mg
- **Injection powder**: (hydrochloride), 1 g, 5 g, 10 g vials

### 5.4 Antifilarial medicines
- **Diethylcarbamazine**
- **Tablet**: 50 mg
- **Ivermectin**
- **Tablet**: 3 mg

### 5.5 Antiflagellate medicines
- **Metronidazole**
- **Oral liquid**: 200 mg/5 mL
- **Tablet**: 200 mg

### Tinidazole
- **Tablet**: 500 mg

### 5.6 Antileprosy medicines
- **Clofazimine**
- **Tablet**: 50 mg, 100 mg
- **Dapsone**
- **Tablet**: 50 mg, 100 mg
- **Rifampicin**
- **Capsule/tablet**: 150 mg, 300 mg

### 5.7 Antimalarial medicines

#### 5.7.1 Treatment
- **Artemether**
- **Injection**: 80 mg/mL in 1-mL ampoule
### Artesunate
**Injection:** 60 mg/mL (powder for injection) in vial plus 1 mL of 5% sodium bicarbonate as solvent

**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

**Proguanil**
**Tablet:** (hydrochloride), 100 mg

**Quinine**
**Injection:** (dihydrochloride), 300 mg/mL in 2-mL ampoule

### 5.7.2 Prophylaxis

**Atovaquone +proguanil**
**Tablet:** 20 mg + 120 mg

**Hydroxychloroquine **
**Tablet:** 200 mg

**Mefloquine**
**Tablet:** (hydrochloride), 250 mg

**Pyrimethamine + sulfadoxine**
**Tablet:** 25 mg + 500 mg

### 5.8 Antischistosomal medicines

**Praziquantel**
**Tablet:** 600 mg

### 5.9 Antitrypanosomal and antileishmaniasis Medicines

**Eflornithine**
**Injection:** (hydrochloride), 200 mg/ml in 100-ml bottle

**Meglumine antimonate**
**Injection:** 30%, equivalent to 8.5%antimony in 5mL ampoule

**Melarsoprol**
**Injection:** 3.6% solution, in 5-mL ampoule

**Nifurtimox**
**Tablet:** 30 mg, 120 mg, 250 mg

**Pentamidine**
**Injection powder:** (isetionate), 300 mg, vial

**Sodium stibogluconate**
**Injection:** containing 10% antimony

**Suramin**
**Injection:** 1 g, vial

### 5.10 Antituberculosis medicines

**Ethambutol**
**Tablet:** (hydrochloride), 100 – 500 mg

**Isoniazid**
**Tablet:** 100 – 300 mg

**Pyrazinamide**
**Tablet:** 400 mg

**Rifabutin**
**Capsule:** 150 mg

**Rifampicin**
**Capsule/tablet:** 150 mg, 300 mg

**Rifampicin + Isoniazid**
**Tablet:** rifampicin 150 mg + isoniazid 100 mg; Rifampicin 300mg + isoniazid 150 mg

### 5.11 Antiviral medicines

**Aciclovir**
**Injection powder:** (sodium salt), 250 mg, vial
**Oral liquid:** 200 mg/5 mL
**Tablet:** 200 mg, 400 mg

**Idoxuridine**
**Cream:** 5%
**Solution:** 5% in dimethylsulphoxide (for external application)

### 5.11.1 Antiretroviral (ARV) medicines

#### 5.11.1.1 Non-nucleoside reverse transcriptase inhibitors

**Nevirapine (NVP)**
**Oral liquid:** 50 mg/mL
**Tablet:** 200 mg

**Efavirenz (EFV or EFZ)**
**Capsule:** 50 mg, 100 mg, 200 mg
**Oral liquid:** 150 mg/5 mL
**Tablet:** 600 mg

#### 5.11.1.2 Nucleoside/nucleotide reverse transcriptase inhibitors

**Abacavir (ABC)**
**Oral liquid:** (sulfate), 100 mg/5 mL
**Tablet:** (sulfate), 300 mg
Didanosine (ddI)  
**Buffered powder for oral liquid:** 100 mg, 167 mg, 250 mg packets  
**Capsule:** (unbuffered enteric-coated), 125 mg, 200 mg, 250 mg, 400 mg  
**Tablet:** (buffered chewable, dispersible), 25 mg, 50 mg, 100 mg, 150 mg, 200 mg

Lamivudine (3TC)  
**Solution:** 5 mg/mL  
**Tablet:** 150 mg

Zidovudine (ZDV)  
**Capsule:** 100 mg, 250 mg  
**Oral liquid:** 50 mg/mL

### 5.11.1.3 Protease inhibitors

Indinavir (IDV)  
**Capsule:** (sulfate), 200 mg, 400 mg

Lopinavir + ritonavir (LPV/r)  
**Capsule:** 133.3 mg + 33.3 mg  
**Oral liquid:** 400 mg + 100 mg / 5 mL  
**Tablet:** (heat stable) 100 mg + 25 mg; 200 mg + 50 mg

### 5.11.1.4 Fixed-dose combinations

Lamivudine + nevirapine + stavudine  
**Tablet:** 150 mg + 200 mg + 30 mg  
**Tablet:** (dispersible), 30 mg + 50 mg + 6 mg, 60 mg + 100 mg + 12 mg

Lamivudine + nevirapine+ zidovudine  
**Tablet:** 30 mg + 50 mg + 60 mg, 150 mg + 200 mg + 300 mg

Lamivudine + zidovudine  
**Tablet:** 30 mg + 60 mg, 150 mg + 300 mg

### 5.12 Systemic antifungal medicines

Amphotericin B  
**Injection powder:** (deoxycholate), 50-mg vial

Fluconazole  
**Capsule:** 50 mg, 150 mg  
**Injection:** 2 mg/mL in 0.9% sodium chloride

Miconazole  
**Cream:** (nitrate), 2%  
**Lotion:** (nitrate), 2%  
**Pessary:** (nitrate), 200 mg, 400 mg  
**Powder:** (nitrate), 2%  
**Tablet:** 250 mg

Nystatin  
**Lozenges:** 100,000 units/mL  
**Oral liquid:** 100,000 units/mL  
**Pessary:** 100,000 units  
**Tablet:** 500,000 units

* Not recommended for children and growing adolescents  
** Marked for deletion

### 6. ANTIMIGRAINE MEDICINES

Ergotamine  
**Tablet:** (tartrate), 2 mg

Propranolol*  
**Tablet:** (hydrochloride), 40 mg, 80 mg

Sumatriptan  
**Tablet:** 50 mg, 100 mg

* For prophylaxis

### 7. ANTINEOPLASTIC AND IMMUNOSUPPRESSIVE MEDICINES

Actinomycin-D  
**Injection powder:** 0.5 mg in vial

Asparaginase  
**Injection powder:** 10 000 IU in vial

Azathioprine  
**Injection powder:** (sodium salt), 50 mg, vial  
**Tablet:** 50 mg

Bleomycin  
**Injection powder:** (sulfate), 15,000 units, vial

Busulfan (busulphan)  
**Tablet:** 2 mg

Carboplatin  
**Injection:** 10 mg/mL in 5-mL vial

Chlorambucil  
**Tablet:** 2 mg, 5 mg

Ciclosporin (cyclosporin)  
**Oral liquid:** 100 mg/mL  
**Injection:** 50 mg/mL ampoule

Cisplastin  
**Injection powder:** 10 mg, 50 mg, vial
<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclophosphamide</td>
<td>Injection powder: 100 mg, 500 mg, 1 g, vial, Tablet: 25 mg, 50 mg</td>
</tr>
<tr>
<td>Cytarabine</td>
<td>Injection powder: 100 mg, vial</td>
</tr>
<tr>
<td>Dacarbazine (DTIC)</td>
<td>Injection powder: (citrate) 100 mg, 200 mg, 500 mg, vial</td>
</tr>
<tr>
<td>Daunorubicin</td>
<td>Injection powder: (hydrochloride) 50 mg, vial</td>
</tr>
<tr>
<td>Dexamethasone</td>
<td>Injection: (sodium phosphate), 4 mg/mL, Ampoule, Tablet: 500 micrograms, 4 mg</td>
</tr>
<tr>
<td>Doxorubicin</td>
<td>Injection powder: (hydrochloride), 10 mg, 50 mg vial</td>
</tr>
<tr>
<td>Epirubicin</td>
<td>Injection powder: (hydrochloride), 2 mg/mL, in 5-mL vial</td>
</tr>
<tr>
<td>Etoposide (VP-16)</td>
<td>Capsule: 100 mg, Injection: 100 mg/5 mL, vial</td>
</tr>
<tr>
<td>Fludarabine</td>
<td>Injection powder: (phosphate), 50 mg vial, Tablet: (phosphate), 10 mg</td>
</tr>
<tr>
<td>Fludarabine (VP-16)</td>
<td>Injection powder: (phosphate), 50 mg vial, Tablet: (phosphate), 10 mg</td>
</tr>
<tr>
<td>Fludarabine (VP-16)</td>
<td>Capsule: 100 mg, 250 mg, 500 mg</td>
</tr>
<tr>
<td>Fludarabine (VP-16)</td>
<td>Injection powder: 1 g, 2 g vial</td>
</tr>
<tr>
<td>Fludarabine (VP-16)</td>
<td>Tablet: (mesylate) 100 mg, 400 mg</td>
</tr>
<tr>
<td>Fludarabine (VP-16)</td>
<td>Tablet: 2 mg, Injection: (hydrochloride), 50 mg vial</td>
</tr>
<tr>
<td>6-Mercaptourine</td>
<td>Tablet: 50 mg</td>
</tr>
<tr>
<td>Mesna</td>
<td>Tablet: 400 mg, 600 mg</td>
</tr>
<tr>
<td>Methotrexate</td>
<td>Injection powder: (sodium salt), 50 mg, vial</td>
</tr>
<tr>
<td>Methotrexate</td>
<td>Tablet: (sodium salt), 2.5 mg</td>
</tr>
<tr>
<td>Mitoxantrone</td>
<td>Concentrate for intravenous infusion: 2 mg/mL, in 10-mL vial</td>
</tr>
<tr>
<td>Ondansetron</td>
<td>Injection: 2 mg/mL in 4-mL, ampoule, Tablet: 8 mg</td>
</tr>
<tr>
<td>Paclitaxel</td>
<td>Injection: 100 mg/16.67 mL, vial</td>
</tr>
<tr>
<td>Prednisolone</td>
<td>Injection: (sodium phosphate or sodium succinate), 20 mg/mL, 25 mg/mL, vial, Tablet: 5 mg</td>
</tr>
<tr>
<td>Procarbazine</td>
<td>Capsule: (hydrochloride), 50 mg</td>
</tr>
<tr>
<td>Stilboestrol</td>
<td>Tablet: 1 mg, 5 mg, 25 mg</td>
</tr>
<tr>
<td>Tamoxifen</td>
<td>Tablet: (citrate), 10 mg, 20 mg</td>
</tr>
<tr>
<td>6-thioguanine</td>
<td>Tablet: 40 mg</td>
</tr>
<tr>
<td>Vinblastine</td>
<td>Injection: 1 mg/mL in 10 mL vial</td>
</tr>
<tr>
<td>Vincristine</td>
<td>Injection powder: (sulfate), 1 mg, 2 mg, 5 mg vial</td>
</tr>
</tbody>
</table>

8. ANTISEPTICS AND DISINFECTANTS

<table>
<thead>
<tr>
<th>Compound</th>
<th>Formulation and Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoin</td>
<td>Compound tincture of benzoin</td>
</tr>
<tr>
<td>Cetrimide + chlorhexidine</td>
<td>Solution: cetrimide 15% + chlorhexidine (gluconate) 1.5%, for dilution</td>
</tr>
<tr>
<td>Chlorhexidine</td>
<td>Gel: 4% in 25g (umbilical cord care) (gluconate), 5% for dilution</td>
</tr>
<tr>
<td>Dichloroxylenol + chlorphenol</td>
<td>Soap, solution</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>Solution: 1.5 – 1M%</td>
</tr>
<tr>
<td>Glutaraldehyde</td>
<td>Solution: 2% (in buffered base)</td>
</tr>
<tr>
<td>Iodine</td>
<td>Weak solution of iodine: 1%</td>
</tr>
<tr>
<td>Methylated spirit</td>
<td>Solution</td>
</tr>
<tr>
<td>Potassium permanganate</td>
<td>Solution: 0.1%</td>
</tr>
<tr>
<td>Povidone iodine</td>
<td>Solution: 10%</td>
</tr>
<tr>
<td>Sodium hypochlorite</td>
<td>Solution: different preparations with available chlorine from 1 - 10%</td>
</tr>
<tr>
<td>Trichlorophenol</td>
<td>Cream, liquid, ointment, mixture of halogenated phenols and salicylic acid</td>
</tr>
</tbody>
</table>
9. BLOOD PRODUCTS AND PLASMA SUBSTITUTE

9.1 Plasma fraction for specific use

Human albumin
Injection: 20% solution

9.2 Plasma substitutes

Dextran 70
Intravenous infusion: 6% in sodium chloride
Intravenous infusion: 7.5%, 500mL

Polygeline
Injection: 3.5% solution, 500 mL

10. CARDIOVASCULAR MEDICINES

10.1 Anti-anginal medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atenolol</td>
<td>Injection: 500 micrograms/mL, ampoule</td>
</tr>
<tr>
<td></td>
<td>Tablet: 25 mg, 50 mg, 100 mg</td>
</tr>
<tr>
<td>Diltiazem</td>
<td>Tablet: (hydrochloride), 60 mg, 90 mg, 120 mg, 180 mg</td>
</tr>
<tr>
<td>Glyceryl trinitrate</td>
<td>Tablet: sublingual, 500 micrograms</td>
</tr>
<tr>
<td>Isosorbide dinitrate</td>
<td>Tablet: sublingual, 5 mg</td>
</tr>
<tr>
<td></td>
<td>Tablet: oral 10 mg</td>
</tr>
</tbody>
</table>

10.2. Anti-arrhythmic medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amiodarone</td>
<td>Tablet: (hydrochloride), 100 mg, 200 mg</td>
</tr>
<tr>
<td>Diltiazem</td>
<td>Injection: (hydrochloride), 100 mg/mL In 10 mL- ampoule</td>
</tr>
<tr>
<td></td>
<td>Tablet: (hydrochloride), 60 mg, 90 mg, 120 mg, 180 mg</td>
</tr>
<tr>
<td>Lidocaine</td>
<td>Injection: (hydrochloride), 20 mg/mL in 5 mL- ampoule</td>
</tr>
<tr>
<td>Propranololamide</td>
<td>Injection: (hydrochloride), 1 mg/mL, ampoule</td>
</tr>
<tr>
<td></td>
<td>Tablet: (hydrochloride), 10 mg, 40 mg</td>
</tr>
<tr>
<td>Verapamil</td>
<td>Tablet: 40 mg, 80 mg, 120 mg</td>
</tr>
</tbody>
</table>

10.3 Antihypertensive medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amiloride + hydrochlorothiazide</td>
<td>Tablet: 2.5 mg + 25 mg</td>
</tr>
<tr>
<td>Amlodipine</td>
<td>Tablet: (besylate), 5 mg, 10 mg</td>
</tr>
<tr>
<td>Atenolol</td>
<td>Tablet: 25 mg, 50 mg, 100 mg</td>
</tr>
<tr>
<td>Bendrofluazide</td>
<td>Tablet: 2.5 mg, 5 mg</td>
</tr>
<tr>
<td>Captopril</td>
<td>Tablet: 12.5 mg, 25 mg, 50 mg</td>
</tr>
<tr>
<td>Hydralazine</td>
<td>Injection powder: (hydrochloride), 20 mg, Ampoule</td>
</tr>
<tr>
<td>Labetalol</td>
<td>Injection powder: 5 mg/mL in 20 mL-ampoule</td>
</tr>
<tr>
<td></td>
<td>Tablet: (hydrochloride), 100 mg, 200 mg</td>
</tr>
<tr>
<td>Lisinopril</td>
<td>Tablet: 5 mg, 10 mg</td>
</tr>
<tr>
<td>Losartan</td>
<td>Tablet: 25 mg, 50 mg</td>
</tr>
<tr>
<td>Methyldopa</td>
<td>Tablet: 250 mg, 500 mg</td>
</tr>
<tr>
<td>Nifedipine</td>
<td>Tablet: (slow release), 20 mg</td>
</tr>
<tr>
<td>Nimodipine</td>
<td>Tablet: 30 mg</td>
</tr>
<tr>
<td>Propranolol</td>
<td>Tablet: (hydrochloride), 40 mg, 80 mg</td>
</tr>
<tr>
<td>Reserpine + dihydroergocristine + clopamide</td>
<td>Tablet: 100 micrograms + 500 micrograms + 5 mg</td>
</tr>
<tr>
<td>Valsartan</td>
<td>Tablet: 40 mg, 80 mg, 160 mg</td>
</tr>
</tbody>
</table>

10.4 Medicines used in heart failure

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Captopril</td>
<td>Tablet: 12.5 mg, 25 mg</td>
</tr>
<tr>
<td>Digoxin</td>
<td>Injection: 100 micrograms/mL in 1-mL, ampoule 250 Oral liquid: 50 micrograms/mL</td>
</tr>
<tr>
<td></td>
<td>Tablet: 62.5 micrograms, 125 micrograms, 250</td>
</tr>
</tbody>
</table>
Furosemide

**Injection:** 10 mg/2 mL in 2-mL ampoule

**Tablet:** 40 mg

Metoprolol

**Tablet:** 25 mg (Metoprolol succinate 23.75 mg equiv. to Metoprolol tartrate 25 mg; extended release tablet), 50 mg (Metoprolol succinate 47.5 mg equiv. to metoprolol tartrate 50 mg extended release tablet)

---

11. DENTAL MEDICINES

11.1 *Anti-inflammatory dental medicines*

**Triamcinolone**

*Paste:* (acetonide), 0.1%

11.2. *Local anaesthetic*

**Lidocaine**

*Cream:* 5%

*Injection:* anhydrous lidocaine (hydrochloride), 2% 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:* containing zinc chloride 1% + zinc sulfate 2%

---

12. DERMATOLOGICAL MEDICINES

12.1 *Anti-acne medicines*

**Benzoyl peroxide**

*Cream:* 2.5%, 5%, 10%

*Gel:* 2.5%, 5%, 10%

12.2 *Antifungal medicines*

**Benzoic acid + salicylic acid**

*Cream/ointment:* containing benzoic acid, 6% and salicylic acid, 3%

**Clotrimazole**

*Cream/ointment:* 1%

*Dusting powder:* 1%

*Pessaries:* 100 mg, 200 mg

**Miconazole**

*Cream:* (nitrate), 2%

*Dusting powder:* (nitrate), 2%

*Oral gel:* (nitrate), 2 - 2.5%

*Lotion/tincture:* 2%

**Miconazole + hydrocortisone**

*Cream:* miconazole, 2%, hydrocortisone, 1%

*Vaginal ovule:* 200 mg, 400 mg

**Nystatin**

*Cream/ointment:* 100,000 units

*Oral suspension:* 100,000 units

12.3 *Anti-infective medicines*

**Gentamicin**

*Cream:* (sulfate), 0.3%

**Gentian violet (Methylrosanilinium chloride)**

*Aqueous solution:* 0.5% chloride

**Silver sulfadiazine**

*Cream:* 1%

12.4 *Anti-inflammatory and antipruritic medicines*

**Betamethasone**

*Cream/ointment:* (valerate), 0.1%

**Calamine lotion**

*Lotion*

**Hydrocortisone**

*Cream/ointment:* (acetate), 1%

**Hydrocortisone + Neomycin**

*Cream/ointment:* hydrocortisone 0.5 - 1% + neomycin 0.25 - 0.5%
Methyl salicylate  
Ointment/liniment: 4 - 20%

12.5 Astringent medicines

Aluminium diacetate  
Solution: 13% for dilution
Calamine + zinc oxide  
Lotion, plaster

12.6 Keratolytic and keratoplastic medicines

Coal tar  
Solution: 1 - 10%
Dithranol  
Ointment: 0.1 - 2%
Podophyllum resin  
Solution: (topical), 10 - 20%
Salicylic acid  
Ointment: 2 - 5%
Urea  
Cream/ointment: 10%

12.7 Psoriasis and vitiligo medicines (See Restricted List)

12.8 Scabicides and pediculicides

Benzyl benzoate  
Emulsion: 25%
Permethrin  
Lotion: 1%

** Marked for deletion

13. DIALYSIS SOLUTION

Interperitoneal dialysis solution  
Parenteral solution: (of appropriate composition)

14. DIURETICS

Amiloride + hydrochlorothiazide  
Tablet: 2.5 mg + 25 mg; 5 mg + 50 mg
Furosemide (frusemide)  
Tablet: 40 mg
Injection: 10 mg/mL in 2-mL ampoule
Hydrochlorothiazide  
Tablet: 25 mg, 50 mg
Spironolactone  
Tablet: 25 mg, 50 mg

15. MEDICINES ACTING ON RESPIRATORY TRACT

15.1 Antiesthematics and medicines for chronic obstructive pulmonary disease

Aminophylline  
Injection: 25 mg/mL
Beclomethasone Dipropionate  
Inhalation: (aerosol), 50 micrograms per dose, 250 micrograms per dose
Epinephrine (adrenaline)  
Injection: (hydrochloride or hydrogen tartrate), 1 mg in1-mL ampoule
Ipratropium bromide  
Inhalation: (aerosol), 20 micrograms per metered inhalation
Salbutamol*  
Inhalation: (aerosol), 100 micrograms (sulfate) per dose
Injection: (sulfate), 50 micrograms/mL in 5-mL ampoule
Metered dose inhaler: (aerosol), 100 micrograms (sulfate) per dose
Oral liquid: 2 mg/5 mL
Respirator solution for use in nebulizers: (sulfate), 5 mg/mL
Tablet: (sulfate), 2 mg, 4 mg
Salmeterol  
Inhalation: (as the hydroxynaphthoic acid salt) 25 mcg per dose (actuation) in pressurize metered-dose inhaler
(Each canister provides 120 actuations

15.2 Antitussive

Dextromethorphan hydrobromide  
Oral liquid: 15 mg/5 mL
Oral salbutamol treatment should only be considered when inhaled asthma therapy is not feasible

### 16. MEDICINES AFFECTING THE BLOOD

#### 16.1 Anti-anaemia medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxocobalmine</td>
<td>Injection: 1 mg/mL, ampoule</td>
</tr>
<tr>
<td>Ferric ammonium citrate</td>
<td>Mixture: 400 mg/5 mL</td>
</tr>
<tr>
<td>Ferric sulphate</td>
<td>Tablet: 200 mg equivalent to 60 mg iron</td>
</tr>
<tr>
<td>Ferrous gluconate</td>
<td>Tablet: 300 mg equivalent to 35 mg iron</td>
</tr>
<tr>
<td>Folic acid</td>
<td>Tablet: 5 mg</td>
</tr>
<tr>
<td>Erythropoietin alpha</td>
<td>Injection: 2000, 4000, 6000, 10000 IU</td>
</tr>
<tr>
<td>Erythropoietin beta</td>
<td>Injection: 500 – 3M, MMM</td>
</tr>
</tbody>
</table>

#### 16.2 Anticoagulants and antiplatelets

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetylsalicylic acid</td>
<td>Tablet: 75 mg</td>
</tr>
<tr>
<td>Clopidogrel</td>
<td>Tablet: (besilate or hydrochloride), 75 mg</td>
</tr>
<tr>
<td>Enoxaparin sodium</td>
<td>Injection: 100 mg/mL</td>
</tr>
<tr>
<td>Heparin sodium</td>
<td>Injection: 1000 units/mL and 25,000 units/mL ampoule</td>
</tr>
<tr>
<td>Warfarin sodium</td>
<td>Tablet: 1 mg, 5 mg</td>
</tr>
</tbody>
</table>

#### 16.3 Antifibrinolytic and haemostatic drug

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aminocaproic acid (with or without lipid thromboplastin)</td>
<td>Injection: Aminocaproic acid 100 mg + lipid thromboplastin 2 mg per mL, 10-mL ampoule</td>
</tr>
<tr>
<td></td>
<td>Tablet: 500 mg</td>
</tr>
</tbody>
</table>

#### 16.4 Fibrinolytics

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alteplase</td>
<td>Powder for injection: 2 mg (1.16 million units)/vial</td>
</tr>
<tr>
<td>Streptokinase</td>
<td>Powder for injection: 1.5 million units/vial</td>
</tr>
</tbody>
</table>

### 17. MEDICINES FOR PARKINSONISM AND OTHER NEUROLOGICAL DISORDERS

#### 17.1 Antiparkinsonism medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzhexol</td>
<td>Tablet: (hydrochloride), 2 mg, 5 mg</td>
</tr>
<tr>
<td>Biperiden</td>
<td>Injection: (lactate), 5 mg/mL in 1-mL, ampoule</td>
</tr>
<tr>
<td></td>
<td>Tablet: (hydrochloride), 2 mg</td>
</tr>
<tr>
<td>Levodopa + carbidopa</td>
<td>Tablet: 100 mg + 10 mg</td>
</tr>
<tr>
<td></td>
<td>Tablet: 250 mg + 25 mg</td>
</tr>
</tbody>
</table>

#### 17.2 Medicines for myasthenia gravis

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neostigmine</td>
<td>Tablet: (bromide), 15 mg</td>
</tr>
<tr>
<td>Pyridostigmine</td>
<td>Tablet: (bromide), 60 mg</td>
</tr>
</tbody>
</table>

### 18. MEDICINES USED IN ANAPHYLAXIS

#### 18.1 Anti-anaphylactics

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dexamethasone</td>
<td>Injection: (sodium phosphate), 4 mg in 1-mL ampoule</td>
</tr>
<tr>
<td>Epinephrine (adrenaline)</td>
<td>Injection: (acid tartrate or hydrochloride),1 mg/mL in 1-mL, ampoule</td>
</tr>
<tr>
<td>Hydrocortisone</td>
<td>Injection powder: (sodium succinate) 100 mg, vial</td>
</tr>
</tbody>
</table>

#### 18.2 Antihistamines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorphenamine</td>
<td>Injection: (maleate), 10 mg in 1-mL ampoule</td>
</tr>
<tr>
<td></td>
<td>Oral liquid: 2 mg/ 5 mL</td>
</tr>
</tbody>
</table>
Tablet: (maleate), 4 mg

Loratidine

Tablet: 10 mg

Promethazine

Injection: (hydrochloride), 25 mg/mL in 1- mL and 2-mL ampoule

Oral liquid: (hydrochloride), 5 mg/5 mL

Tablet: (hydrochloride), 10 mg, 25 mg

19. EAR, NOSE AND THROAT MEDICINES

19.1 Ear medicines

19.1.1 Anti-infective medicines

Chloramphenicol Ear drops: 5%

Gentamicin Ear drops: (sulfate), 0.3%

19.1.2 Anti-inflammatory medicines

Betamethasone Ear drops: (sodium phosphate), 0.1%

19.1.3 Combined anti-infective and anti-inflammatory medicines

Flumetasone + clioquinol Ear drops: flumetasone pivalate 0.02% + clioquinol 1%

Hydrocortisone + neomycin Ear drops: hydrocortisone (acetate), 1.5%+ neomycin (sulfate), 0.5%

19.1.4 Removal of ear wax

Glycerol + sodium bicarbonate Ear drops: glycerol 30 mL + sodium bicarbonate 5 g in 100 mL solution

19.2 Nose medicines

19.2.1 Anti-allergic and nasal decongestants

Silver nitrate Solution: 0.5% in water, freshly prepared. Sticks/crystals

19.2.1.2 Systemic

Pseudoephedrine hydrochloride Oral liquid: 30 mg/5 mL

Tablet: 60 mg

19.2.1.3 Topical

Beclomethasone Nasal spray: aerosol (dipropionate), 500 micrograms/metered spray

Ephedrine Nasal drops: (hydrochloride), 0.5%

20. GASTRO-INTESTINAL MEDICINES

20.1 Antacid medicines

Aluminium hydroxide Mixture: B.P

Tablet: 500 mg

Aluminium hydroxide + magnesium trisilicate Mixture: B.P

Tablet: aluminium hydroxide 120 mg + Magnesium trisilicate 250 mg

Magnesium trisilicate Mixture: 250 mg/5 mL

Tablet: 500 mg

20.2 Anti-emetic medicines

Metoclopramide Injection: (hydrochloride), 5 mg/mL in 2mL-ampoule

Oral liquid: (hydrochloride), 5 mg/5 mL

Tablet: (hydrochloride), 10 mg
Prochlorperazine | **Injection**: (mesylate), 12.5 mg/mL in 1-mL and 2-mL ampoules  
**Oral liquid**: (mesylate), 5 mg /5 mL  
**Tablet**: (maleate), 5 mg, 25 mg

Promethazine | **Injection**: (hydrochloride), 25 mg/mL in 1-mL and 2-mL ampoules  
**Oral liquid**: (hydrochloride), 5 mg/5 mL  
**Tablet**: (hydrochloride), 10 mg, 25 mg or (theoclate), 25 mg

### 20.3 Anti-haemorrhoidal medicines
Preparations containing: Hydrocortisone acetate with or without lidocaine hydrochloride +astringent(s) | Rectal suppository or ointment

### 20.4 Antispasmodic medicines and smooth muscle relaxants
Hyoscine N-butylbromide | **Injection**: 20 mg/mL in 1-mL ampoule  
**Oral liquid**: (hydrochloride), 5 mg/5 mL  
**Tablet**: 10 mg

### 20.5 Laxatives
Bisacodyl | **Suppositories**: 5 mg, 10 mg  
**Tablet**: 5 mg
Lactulose | **Syrup**: 68% w/v
Liquid paraffin | **Emulsion**: oral, as faecal softener
Senna | **Tablet**: total sennosides = 7.5 mg

### 20.6 Medicines used in diarrhoea

#### 20.6.1 Oral rehydration therapy
Oral rehydration salts | **Low Osmolarity Oral Rehydration Salts, co-packed with zinc sulphate 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  
**Powder, composition/litre of solution**: glucose anhydrous 13.5 g, potassium chloride 1.5 g, sodium citrate dihydrate 2.9 g, sodium chloride 2.6 g (the sodium citrate dihydrate may be replaced by sodium bicarbonate 2.5 g, in the absence of the former)

#### 20.6.2 Medicines for diarrhoea in children
Zinc Sulphate | **Oral liquid**: in 10 mg per unit dosage form  
(Should be used as an adjunct to oral rehydration salts in acute diarrhoea)  
**Tablet**: in 10 mg per unit dosage form

#### 20.6.3 Medicines for diarrhoea in adults
Diphenoxylate | **Tablet**: diphenoxylate hydrochloride, 2.5 mg + atropine sulfate, 25 micrograms
Loperamide | **Capsule**: 2 mg  
**Tablet**: 2 mg

### 20.7 Helicobacter pylori eradication

#### 20.7.1 Acid suppressants
Cimetidine | **Injection**: 100 mg/mL in 2-mL ampoule  
**Tablet**: 200 mg, 400 mg
Omeprazole | **Injection powder**: (sodium salt), 40 mg, vial  
**Tablet**: 10 mg, 20 mg
Ranitidine | **Injection**: 25 mg/mL in 2-mL ampoule  
**Tablet**: (hydrochloride), 150 mg, 300 mg
### 20.7.2 Anti-infectives

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amoxicillin</td>
<td><strong>Capsule:</strong> (trihydrate), 250 mg, 500 mg</td>
</tr>
<tr>
<td>Clarithromycin</td>
<td><strong>Tablet:</strong> 250 mg, 500 mg</td>
</tr>
</tbody>
</table>

### 21. ENDOCRINE MEDICINES

#### 21.1 Adrenal hormones and synthetic substitutes

Dexamethasone
- **Injection:** 2 mg/mL, 4 mg/mL in 2-mL, ampoule
- **Tablet:** 0.5 mg, 4 mg

Hydrocortisone
- **Injection powder:** (sodium succinate), 100 mg, vial

Prednisolone
- **Tablet:** 1 mg, 5 mg

### 21.2 Antidiabetic medicines

#### 21.2.1 Insulins (human)

- Biphasic isophane insulin
  - **Injection:** 30% soluble, 70% isophane, 100 units/mL

- Insulin, soluble
  - **Injection:** (short-acting), 100 units/mL in 10-mL vial

- Insulin glargine
  - **Injection:** 100 units/mL in 10-mL vial

#### 21.2.2 Oral antidiabetic medicines

- Glibenclamide
  - **Table:** 5 mg

- Gliclazide
  - **Tablet:** 80 mg

- Glimepiride
  - **Tablet:** 1 mg, 2 mg, 3 mg, 4 mg

- Metformin
  - **Tablet:** (hydrochloride), 500 mg

- Vidaglptin*  
  - **Tablet:** 50 mg

### 21.3 Contraceptives

#### 21.3.1 Implantable contraceptives

- Etonogestrel releasing implant
  - **Single rod:** containing etonogestrel 68 mg per rod

- Levonorgestrel-releasing implant
  - Two-rod implant, each containing 75 mg of levonorgestrel (150 mg total)

#### 21.3.2 Injectable hormonal contraceptives

- Levonorgestrel
  - **Implant:** (subdermal) 36 mg

- Medroxyprogesterone acetate
  - **Injection:** depot, 150 mg/mL in 3-mL, vial

- Norethisterone enantate
  - **Injection:** 200 mg/mL in 1-mL, ampoule

#### 21.3.3 Intrauterine devices

- Copper
  - Various copper-containing devices

- Lippe’s loop
  - Various sizes, A, B, C and D with insertion Tubes

#### 21.3.4 Oral hormonal contraceptives

- Ethinylestradiol + levonorgestrel
  - **Tablet:** 30 micrograms + 150 micrograms

- Ethinylestradiol + levonorgestrel + Ferrous fumarate
  - **Tablet:** 30 micrograms + 50 – 15Mmicrograms H 75 mg

- Ethinylestradiol H norethisterone
  - **Tablet:** 35 micrograms + 1 mg norethisterone

- Norethisterone
  - **Tablet:** 35 micrograms

#### 21.3.5 Emergency Contraceptives

- Levonorgestrel
  - **Tablet:** 0.75 mg

### 21.4 Androgens (See Restricted List)

### 21.5 Estrogens

- Ethinylestradiol
  - **Tablet:** 10 micrograms, 50 micrograms
### 21.6 Medicines acting on pituitary-ovarian axis

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bromocriptine</td>
<td>Capsule/tablet: (mesylate), 1 mg, 2.5 mg</td>
</tr>
<tr>
<td>Clomiphene</td>
<td>Tablet: (citrate), 50 mg</td>
</tr>
</tbody>
</table>

### 21.7 Thyroid hormones and antithyroid medicines

#### 21.7.1 Antithyroid medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbimazole</td>
<td>Tablet: 5 mg</td>
</tr>
<tr>
<td>Iodine + potassium iodide (Lugol's solution)</td>
<td>Oral liquid: containing iodine 5% and potassium iodide 10% in purified water</td>
</tr>
<tr>
<td>Propylthiouracil</td>
<td>Tablet: 50 mg</td>
</tr>
</tbody>
</table>

#### 21.7.2 Thyroid hormone

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Levothyroxine</td>
<td>Tablet: (sodium salt), 50 micrograms, 100 micrograms</td>
</tr>
<tr>
<td>Liothyronine</td>
<td>Tablet: (sodium salt), 20 micrograms</td>
</tr>
</tbody>
</table>

### 21.8 Antidiuretic hormone (See Restricted List)

### 21.9 Other hormone inhibitor

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octreotide</td>
<td>Injection: 50 micrograms/mL in 1-mL ampoule, 100 micrograms/mL in 1-mL ampoule, 200 micrograms/mL in 1-mL ampoule</td>
</tr>
</tbody>
</table>

## 22. IMMUNOLOGICALS

### 22.1 Sera and immunoglobulins

<table>
<thead>
<tr>
<th>Sera and immunoglobulins</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-D immunoglobulin (human)</td>
<td>Injection: 250 micrograms / mL, vial</td>
</tr>
<tr>
<td>Anti-gas gangrene</td>
<td>Injection: 10,000 units, 30,000 units, vial</td>
</tr>
<tr>
<td>Antiscorpion serum</td>
<td>Injection: 1-mL ampoule</td>
</tr>
<tr>
<td>Antisnake-bite serum</td>
<td>Injection: polyvalent, 10-mL, 20-mL ampoule</td>
</tr>
<tr>
<td>Antitetanus immunoglobulin (Human)</td>
<td>Injection: 1,500 units 10,000 units, ampoule; 50,000 units, vial</td>
</tr>
<tr>
<td>Gas-gangrene antitoxin</td>
<td>Injection: 4,000 units, 10,000 units, vial</td>
</tr>
<tr>
<td>Normal immunoglobulin</td>
<td>Injection: 16%</td>
</tr>
<tr>
<td>Rabies immunoglobulin</td>
<td>Injection: 150 units /mL, vial</td>
</tr>
</tbody>
</table>

### 22.2 Vaccines*

#### 22.2.1 Vaccines for specific immunization

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cholera vaccine</td>
<td>Injection: 1.5-mL, 5-mL, 10-mL and 50-mL, ampoule or vial</td>
</tr>
<tr>
<td>Hepatitis B vaccine</td>
<td>Liquid for injection: 10-dose vial</td>
</tr>
<tr>
<td>Meningococcal vaccine</td>
<td>Injection powder: 1,10 and 50-dosevials</td>
</tr>
<tr>
<td>Rabies vaccine (inactivated)</td>
<td>Injection: 1-mL ampoule</td>
</tr>
<tr>
<td>Tetanus vaccine (Tetanus toxoid)</td>
<td>Injection: 0.5 mL-dose ampoule</td>
</tr>
<tr>
<td>Typhoid vaccine (Vi antigen)</td>
<td>Injection: 0.5 mL/syringe, 10 mL/vial, 25 mL/vial</td>
</tr>
<tr>
<td>Typhoid vaccine (TAB)</td>
<td>Injection: 1.5-mL, vial</td>
</tr>
<tr>
<td>Yellow fever vaccine</td>
<td>Injection powder: 1-dose, 5-dose and 10-dose vials</td>
</tr>
</tbody>
</table>

#### 22.2.2 Vaccines for universal immunization

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCG vaccine</td>
<td>Injection powder: 20-dose vial</td>
</tr>
<tr>
<td></td>
<td>Injection: 10-dose vial</td>
</tr>
<tr>
<td>Hepatitis B vaccine</td>
<td>Injection powder: 10-dose vial</td>
</tr>
<tr>
<td>Measles vaccine</td>
<td>Injection powder: 10-dose vial</td>
</tr>
<tr>
<td>Pentavalent vaccine</td>
<td>Injection: Conjugate vaccine for diphtheria, tetanus, whooping cough, hepatitis B, haemophilus influenza type B</td>
</tr>
<tr>
<td>Poliomyelitis vaccines (Live-attenuated)</td>
<td>Oral liquid</td>
</tr>
<tr>
<td>Tetanus vaccine</td>
<td>Powder for injection: 10-dose vial</td>
</tr>
</tbody>
</table>

*All vaccines should comply with the World Health Organization's requirements for biological substances*
## 23. IN VIVO DIAGNOSTIC AGENTS

### 23.1 Endocrine disorders (See Restricted List)

### 23.2 Gastric function (See Restricted List)

### 23.3 Myasthenia gravis (See Restricted List)

### 23.4 Ophthalmic medicines

| Fluorescein | Eye drops: (sodium salt), 1% |

### 23.5 Radiocontrast media

#### 23.5.1 Alimentary tract

| Barium sulfate | Aqueous liquid |

## 24. OPHTHALMOLOGICAL MEDICINES

### 24.1 Anti-infective medicines

| Aciclovir | Eye ointment: 3.0% |
| Chloramphenicol | Eye drops: 0.5% |
| Gentamicin | Eye drops: (sulfate) 0.3% |
| Idoxuridine | Eye drops: 0.1% |
| Miconazole | Eye drops: 1% |
| Oxytetracycline + polymyxin B | Injection: 10 mg/mL |

### 24.2 Anti-inflammatory and anti-allergic medicines

| Antazoline | Eye drops: (antazoline sulphate + 0.5%, xylometazoline hydrochloride 0.05%) |
| Prednisolone | Eye drops: 1% (acetate), 5% (sodium phosphate) |

### 24.3 Local anaesthetics

| Tetracaine* (amethocaine) | Eye drops: (hydrochloride), 0.5% |

### 24.4 Miotics and antiglaucoma medicines

#### 24.4.1 Systemic medicines

| Acetazolamide | Tablet: 250 mg |
| | Injection: (sodium salt), 500 mg vial |

#### 24.4.2 Topical medicines

| Pilocarpine | Eye drops: (hydrochloride), 1%, 2%, 3%, 4% |
| Timolol | Eye drops: (maleate), 0.25%, 0.5% |

### 24.5 Mydriatic medicines

| Atropine | Eye drops: (sulfate), 0.5%, 1.0% |
| Homatropine | Eye drops: (hydrobromide), 1%, 2% |
| Phenylephrine | Eye drops: (hydrochloride), 0.25%, 0.5%, 2.5%, 10% |
| Tropicamide | Eye drops: 0.5%, 1% |
### 24.6 Diagnostic eye medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluorescein sodium</td>
<td>Eye drops: (sodium salt), 1%, 2%</td>
</tr>
</tbody>
</table>

### 24.7 Miscellaneous eye preparation

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methylcellulose</td>
<td>Eye drops: 1%, 2%</td>
</tr>
</tbody>
</table>

*Not for use in preterm neonates*

### 25. OXYTOCICS AND TOCOLYTICS

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ergometrine</td>
<td>Injection: (maleate), 0.5 mg/mL</td>
</tr>
<tr>
<td>Misoprostol</td>
<td>Tablet: (maleate), 500 micrograms</td>
</tr>
<tr>
<td>Oxytocin</td>
<td>Injection: 5 units, 10 units / mL in ampoules</td>
</tr>
<tr>
<td>Salbutamol</td>
<td>Injection: (sulfate), 500 micrograms/mL, 1 mg/mL</td>
</tr>
<tr>
<td>Oral liquid: (sulfate), 2 mg/5 mL</td>
<td></td>
</tr>
<tr>
<td>Tablet: (sulfate), 2 mg, 4 mg</td>
<td></td>
</tr>
</tbody>
</table>

### 26. PREPARATIONS FOR CORRECTING WATER ELECTROLYTE AND ACID-BASE DISTURBANCES

#### 26.1 Oral preparations

| Oral Rehydration Salts | See 20.6.1 |
| Potassium chloride | Oral liquid: 5%, 10%, 20% |
| Tablet: slow release, 600 mg |

#### 26.2 Parenteral preparations

<table>
<thead>
<tr>
<th>Substance</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Darrow's solution</td>
<td>Injection: B.P., half strength, full strength</td>
</tr>
<tr>
<td>Glucose</td>
<td>Injection: 5%, 10%, 50%</td>
</tr>
<tr>
<td>Glucose + sodium chloride</td>
<td>Injection: 4.3% + 0.18%, 5.0% + 0.9%</td>
</tr>
<tr>
<td>Mannitol</td>
<td>Injection: 10%, 20%</td>
</tr>
<tr>
<td>Potassium chloride</td>
<td>Injection: 15% (equivalent to K⁺ 2mmol/mL and Cl⁻ 2 mmol/mL)</td>
</tr>
<tr>
<td>Ringer's solution</td>
<td>Injection: B.P.</td>
</tr>
<tr>
<td>Sodium chloride</td>
<td>Injection: 0.9% isotonic (Na⁺ 154 mmol/L, Cl⁻ 154 mmol/L)</td>
</tr>
<tr>
<td>Injection: 0.45% isotonic (Na⁺ 77 mmol/L, Cl⁻ 77 mmol/L)</td>
<td></td>
</tr>
<tr>
<td>Sodium hydrogen carbonate (Sodium bicarbonate)</td>
<td>Injection: 8.4% in 10-mL ampoule (Na⁺1000 mmol/L, HCO₃⁻ 1000 mmol/L)</td>
</tr>
<tr>
<td>Sodium lactate</td>
<td>Injection: Na⁺ 131 mmol/L, K⁺ 5 mmol/L, Ca²⁺ 2 mmol/L, HCO₃⁻ as lactate 29 mmol/L, Cl⁻ 111 mmol/L</td>
</tr>
</tbody>
</table>

#### 26.3 Miscellaneous

<table>
<thead>
<tr>
<th>Substance</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water for injection</td>
<td>Injection: 2 mL, 5 mL, 10 mL, 20 mL, 50-mL ampoule or vial</td>
</tr>
</tbody>
</table>

### 27. PSYCHOTHERAPEUTIC MEDICINES

#### 27.1 Antidotes to antipsychotic medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzhexol (trihexyphenidyl)</td>
<td>Tablet: (hydrochloride), 2 mg, 5 mg</td>
</tr>
<tr>
<td>Biperiden</td>
<td>Injection: (lactate), 5 mg/mL in 1-mL ampoule</td>
</tr>
<tr>
<td>Tablet: (hydrochloride), 2 mg</td>
<td></td>
</tr>
</tbody>
</table>

#### 27.2 Medicines used in generalized anxiety

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diazepam</td>
<td>Tablet: (scored), 2 mg, 5 mg</td>
</tr>
</tbody>
</table>
27.3 Medicines used in mood disorders

27.3.1 Medicines used in depressive disorders

Amitriptyline Tablet: (hydrochloride), 25 mg
Fluoxetine Solid oral dosage forms: (hydrochloride), 20 mg

27.3.2 Medicines used in bipolar disorders

Carbamazepine Tablet: (scored), 100 mg, 200 mg
Valproic acid (sodium valproate) Tablet: (enteric-coated), 200mg, 500mg

27.4 Medicines used for obsessive compulsive disorders and panic attacks

Clomipramine Capsule: (hydrochloride), 10 mg, 25 mg

27.5 Medicines used in psychotic disorders

Chlorpromazine Injection: (hydrochloride), 25 mg/mL in2-mL ampoule
Oral liquid: (hydrochloride) 25 mg/5 mL
Tablet: (hydrochloride), 100 mg
Fluphenazine Injection: (decanoate), 25 mg in 1-mL ampoule
Haloperidol Injection: (decanoate), 5 mg in 1-mL ampoule
Tablet: 2 mg, 5 mg
Risperidone Tablet: 0.5 mg, 1 mg, 2 mg, 3 mg, 4 mg

27.6 Medicines used in substance dependence programmes (See Restricted List)

Buprenorphine**
Methadone**
Naltrexone**

** For use only within an established support programme

28. VITAMINS AND MINERALS

28.1 Vitamins

Ascorbic acid (vitamin C) Oral liquid: 100 mg/5 mL
Tablet: 100 mg
Cyanocobalamin (vitamin B12) 50 micrograms
Ergocalciferol Capsule: tablet, 10,000 units, 50,000 units
Oral liquid: 250 micrograms/mL
Folic acid Tablet: 400 microgram, 5 mg
Hydroxycobalamin Injection: 0.25 mg/mL, 1 mg/mL, ampoule
Pyridoxine (vitamin B6) Tablet: (hydrochloride), 10 mg, 20 mg, 50 mg
Retinol (vitamin A) Capsule/tablet: 5,000 units; 25,000 units; 50,000 units; 100,000 units; 200,000 units
Riboflavine (vitamin B2) Tablet: 5 mg
Thiamine (Vitamin B1) Tablet: (hydrochloride), 25 mg, 50 mg
Vitamin B Complex* Oral liquid and Injection

28.2 Minerals

Calcium salt Tablet: (gluconate), 600 mg
Injection: (gluconate), 10%
Sodium fluoride Tablet: 2.2 mg equivalent to 1 mg of fluoride ion

*Various safe combinations are acceptable (see Appendix 1 for the approved strengths of various Vitamins

29.0 FOR MANAGEMENT OF INCOMPLETE ABORTION AND MISCARRIAGE (See Restricted List)

30.0 URINARY AND ERECTILE DYSFUNCTION (See Restricted List)
### ANAESTHETICS (LOCAL)

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lidocaine</td>
<td>Topical, injection</td>
</tr>
</tbody>
</table>

### ANALGESICS

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetylsalicylic Acid*</td>
<td>Tablet</td>
</tr>
<tr>
<td>Ibuprofen</td>
<td>Tablet, capsule</td>
</tr>
<tr>
<td>Paracetamol</td>
<td>Oral liquid, tablet, suppository</td>
</tr>
</tbody>
</table>

*Not for children, use with caution in adults

### ANTI-ALLERGICS

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorphenamine</td>
<td>Oral liquid, tablet</td>
</tr>
<tr>
<td>Epinephrine (Adrenaline)</td>
<td>Injection</td>
</tr>
<tr>
<td>Promethazine</td>
<td>Tablet, oral liquid</td>
</tr>
</tbody>
</table>

### ANTICONVULSANTS

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diazepam**</td>
<td>Injection</td>
</tr>
<tr>
<td>Paraldehyde**</td>
<td>Injection</td>
</tr>
<tr>
<td>Phenobarbital</td>
<td>Tablet</td>
</tr>
</tbody>
</table>

**Use with extra caution

### ANTIDOTES

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atropine</td>
<td>Injection</td>
</tr>
<tr>
<td>Charcoal (activated)</td>
<td>Powder</td>
</tr>
</tbody>
</table>

### ANTIHYPERTENSIVE MEDICINES

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amlodipine</td>
<td>Tablet</td>
</tr>
<tr>
<td>Amiloride</td>
<td>Tablet</td>
</tr>
<tr>
<td>Hydrochlorothiazide</td>
<td>Tablet</td>
</tr>
</tbody>
</table>

### ANTI-INFECTIVE MEDICINES

#### Antibacterial medicines

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amoxicillin</td>
<td>Capsule, dry powder for suspension, dispersible tablets</td>
</tr>
<tr>
<td>Benzathine Penicillin</td>
<td>Injection</td>
</tr>
<tr>
<td>Benzyl penicillin</td>
<td>Injection</td>
</tr>
<tr>
<td>Co-trimoxazole</td>
<td>Tablet, oral liquid</td>
</tr>
<tr>
<td>Erythromycin</td>
<td>Tablet, suspension</td>
</tr>
<tr>
<td>Gentamicin</td>
<td>Injection</td>
</tr>
<tr>
<td>Nitrofurantoin</td>
<td>Tablet</td>
</tr>
<tr>
<td>Phenoxymethylpenicillin</td>
<td>Tablet</td>
</tr>
<tr>
<td>Tetracycline*</td>
<td>Capsule</td>
</tr>
</tbody>
</table>

#### Antileprosy

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clofazimine</td>
<td>Capsule</td>
</tr>
<tr>
<td>Dapsone</td>
<td>Tablet</td>
</tr>
<tr>
<td>Rifampicin</td>
<td>Capsule or tablet</td>
</tr>
</tbody>
</table>

#### Amoebicide

<table>
<thead>
<tr>
<th>Drug</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metronidazole</td>
<td>Tablet</td>
</tr>
</tbody>
</table>

#### Antihelminthics
| **Albendazole** | Oral liquid, tablet |
| **Praziquantel** | Tablet |
| **Pyrantel** | Oral liquid, tablet |
| **Antifilarial** | |
| **Diethylcarbamazine** | Tablet |
| **Ivermectin** | Tablet |
| **Antimalarials** | |
| **Artemether + lumefantrine** | Oral liquid, tablet |
| **Artesunate** | Injection, suppositories |
| **Artesunate + amodiaquine** | Tablet |
| **Clindamycin** | Capsule |
| **Quinine** | Injection |
| **Pyrimethamine + sulfadoxine** | Tablet, Oral liquid |
| **Anti-tuberculosis medicines** | |
| **Ethambutol** | Tablet |
| **Isoniazid** | Tablet |
| **Pyrazinamide** | Tablet |
| **Rifabutin** | Capsule, tablet |
| **Rifampicin** | Capsule, tablet |

* Not recommended for children and pregnant women  
** Intramuscular, for pre-referral treatment only  
*** Use only with Quinine in first trimester of pregnancy

**ANTISEPTICS AND DISINFECTANTS**

| **Benzoin** | Compound tincture |
| **Chlorhexidine** | Gel: 4% in 25g (umbilical cord care)  
** Solution**: (gluconate), 5% for dilution |
| **Iodine** | Solution |
| **Methylated spirit** | Solution |
| **Sodium hypochlorite** | Solution |

**CARDIOVASCULAR MEDICINES**

| **Nifedipine** | Tablet |
| **Hydrochlorothiazide/amiloride** | Tablet |

**DERMATOLOGICAL MEDICINES**

| **Benzoic acid + salicylic acid (Whitfield's)** | Ointment |
| **Benzylo peroxide** | Cream/gel |
| **Benzy benzoate** | Emulsion |
| **Calamine** | Lotion |
| **Gentamicin** | Ointment |
| **Methyl salicylate** | Ointment |
| **Neomycin + Bacitracin** | Ointment, powder |
| **Nystatin** | Ointment, cream |
| **Zinc oxide** | Ointment |

**MEDICINES AFFECTING THE BLOOD**

| **Ferrous salts** | Oral liquid, tablet |
| **Folic acid** | Tablet |

**DIAGNOSTIC AGENT**

| **Rapid Diagnostic Tests** | Various kits for malaria |
| **Tuberculin** | Injection, PPD |
### DRESSINGS AND MEDICAL DEVICES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absorbent gauze bandages</td>
<td></td>
</tr>
<tr>
<td>Cotton wool (absorbent)</td>
<td></td>
</tr>
<tr>
<td>Disposable gloves</td>
<td></td>
</tr>
<tr>
<td>Disposable syringes</td>
<td>2 mL with needles (19, 21 Gauge)</td>
</tr>
<tr>
<td></td>
<td>5 mL with needles (19, 21 Gauge)</td>
</tr>
</tbody>
</table>

### EAR, NOSE AND THROAT MEDICINES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloramphenicol</td>
<td>Ear drops</td>
</tr>
</tbody>
</table>

### GASTRO-INTESTINAL MEDICINES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrocortisone + lidocaine</td>
<td>Suppository</td>
</tr>
<tr>
<td>Hyoscine N-butylbromide</td>
<td>Tablet</td>
</tr>
<tr>
<td>Magnesium trisilicate</td>
<td>Compound tablet, oral liquid</td>
</tr>
<tr>
<td>Oral Rehydration Salts</td>
<td>Low Osmolarity Oral Rehydration Salts, co-packed with Zn</td>
</tr>
<tr>
<td>Senna</td>
<td>Tablet</td>
</tr>
<tr>
<td>Zinc</td>
<td>Oral liquid, tablet</td>
</tr>
</tbody>
</table>

### HORMONES AND SYNTHETIC SUBSTITUTES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barrier methods</td>
<td>Condoms with or without spermicide</td>
</tr>
<tr>
<td>Oral contraceptives</td>
<td>Tablet</td>
</tr>
</tbody>
</table>

### IMMUNOLOGICALS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-snake bite serum</td>
<td>Injection</td>
</tr>
<tr>
<td>Anti-tetanus immunoglobulin (human)</td>
<td>Injection</td>
</tr>
<tr>
<td>BCG vaccine</td>
<td>Injection</td>
</tr>
<tr>
<td>Diphtheria + pertussis + tetanus vaccine</td>
<td>Injection</td>
</tr>
<tr>
<td>Measles vaccine</td>
<td>Injection</td>
</tr>
<tr>
<td>Poliomyelitis vaccine</td>
<td>Oral liquid</td>
</tr>
<tr>
<td>Rabies immunoglobulin</td>
<td>Injection</td>
</tr>
<tr>
<td>Tetanus vaccine</td>
<td>Injection</td>
</tr>
</tbody>
</table>

### OPHTHALMOLOGICAL MEDICINES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloramphenicol</td>
<td>Eye drops, ointment</td>
</tr>
<tr>
<td>Chlortetracycline</td>
<td>Eye ointment</td>
</tr>
</tbody>
</table>

### OXYTOCIC

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ergometrine</td>
<td>Tablet, injection</td>
</tr>
<tr>
<td>Misoprostol</td>
<td>Tablet, vaginal tablet</td>
</tr>
<tr>
<td>Oxytoxin</td>
<td>Injection</td>
</tr>
</tbody>
</table>

### PSYCHOTHERAPEUTIC MEDICINES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorpromazine</td>
<td>Injection</td>
</tr>
</tbody>
</table>

### RESPIRATORY MEDICINES

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beclomethasone</td>
<td>Inhaler</td>
</tr>
<tr>
<td>Salbutamol</td>
<td>Tablet, inhaler</td>
</tr>
</tbody>
</table>

### VITAMINS AND MINERALS

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>Formulation</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Ascorbic acid (Vitamin C)</td>
<td>Tablet</td>
</tr>
<tr>
<td>Calcium gluconate</td>
<td>Injection</td>
</tr>
<tr>
<td>Calcium lactate</td>
<td>Tablet</td>
</tr>
<tr>
<td>Folic acid</td>
<td>Tablet</td>
</tr>
<tr>
<td>Vitamin A</td>
<td>Capsule</td>
</tr>
</tbody>
</table>

**MISCELLANEOUS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water for injection</td>
<td>Injection</td>
</tr>
<tr>
<td>Spatulas</td>
<td></td>
</tr>
</tbody>
</table>
## THE PRIMARY HEALTH CARE LIST
### (PRIMARY HEALTH CLINICS)

### ANAESTHETICS (LOCAL)
- Lidocaine: Topical, injection

### ANALGESICS
- Acetylsalicylic Acid*: Tablet
- Ibuprofen: Tablet
- Paracetamol: Oral liquid, tablet
*Not for children, use with caution in adults

### ANTIALLERGICS
- Chlorphenamine: Oral liquid, tablet
- Epinephrine (Adrenaline): Injection
- Promethazine: Tablet, oral liquid

### ANTICONVULSANTS
- Diazepam**: Injection
- Paraldehyde**: Injection
- Phenobarbital: Tablet
**Use with extra caution

### ANTIDOTES
- Atropine: Injection
- Charcoal (activated): Powder

### ANTIHYPERTENSIVE MEDICINES
- Amlodipine: Tablet
- Amiloride: Tablet
- Hydrochlorothiazide: Tablet

### ANTI-INFECTIVE MEDICINES

#### Antibacterial medicines
- Amoxicillin: Dispersible tablets
- Co-trimoxazole: Tablet, oral liquid (For people with penicillin sensitivity)

#### Amebicidce
- Metronidazole: Tablet

#### Anthelmintics
- Mebendazole: Oral liquid, tablet

#### Antimalarials
- Artemether + lumefantrine: Oral liquid, tablet
- Artesunate: Suppositories
- Artesunate + amodiaquine: Tablet
- Pyrimethamine + sulfadoxine: Tablet, Oral liquid

### ANTISEPTICS AND DISINFECTANTS
- Benzoin: Compound tincture
- Chlorhexidine: Gel: 4% in 25g (umbilical cord care)  
  **Solution:** (gluconate), 5% for dilution
- Iodine: Solution
<table>
<thead>
<tr>
<th>Methylated spirit</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hypochlorite</td>
<td>Solution</td>
</tr>
</tbody>
</table>

**DERMATOLOGICAL MEDICINES**

| Benzoic acid + salicylic acid (Whitfield's) | Ointment |
| Benzyonyl peroxide | Cream/gel |
| Benzyl benzoate | Emulsion |
| Calamine | Lotion |
| Gentamicin | Ointment |
| Methyl salicylate | Ointment |
| Zinc oxide | Ointment |

**MEDICINES AFFECTING THE BLOOD**

| Ferrous salts | Oral liquid, tablet |
| Folic acid | Tablet |

**DIAGNOSTIC AGENT**

| Rapid Diagnostic Tests | Various kits for malaria |

**DRESSINGS AND MEDICAL DEVICES**

| Absorbent gauze bandages |
| Cotton wool (absorbent) |
| Disposable gloves |
| Disposable syringes | 2 mL with needles (19, 21 Gauge) |
| 5 mL with needles (19, 21 Gauge) |
| Clinical Thermometer |

**EAR, NOSE AND THROAT MEDICINES**

| Chloramphenicol | Ear drops |

**GASTRO-INTESTINAL MEDICINES**

| Hyoscine N-butylbromide | Tablet |
| Magnesium trisilicate | Compound tablet, oral liquid |
| Oral rehydration salts | Low Osmolarity Oral Rehydration Salts, co-packed with Zn |
| Senna | Tablet |
| Zinc | Oral liquid, tablet |

**HORMONES AND SYNTHETIC SUBSTITUTES**

| Barrier methods | Condoms with or without spermicide |

**IMMUNOLOGICALS**

| Tetanus vaccine | Injection |

**OPHTHALMOLOGICAL MEDICINES**

| Chloramphenicol | Eye drops, ointment |
| Chlortetracycline | Eye ointment |

**OXYTOCIC**

<p>| Ergometrine | Tablet, injection |
| Misoprostol | Tablet, Vaginal tablet |
| Oxytoxin | Injection |</p>
<table>
<thead>
<tr>
<th>RESPIRATORY MEDICINES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beclomethasone</td>
</tr>
<tr>
<td>Salbutamol</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VITAMINS AND MINERALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ascorbic acid (Vitamin C)</td>
</tr>
<tr>
<td>Calcium salts</td>
</tr>
<tr>
<td>Folic acid</td>
</tr>
<tr>
<td>Vitamin A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MISCELLANEOUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water for injection</td>
</tr>
<tr>
<td>Spatulas</td>
</tr>
</tbody>
</table>
### THE PRIMARY HEALTH CARE LIST  
**HEALTH POSTS**

<table>
<thead>
<tr>
<th>Item</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Absorbent gauze</td>
<td>Dressing</td>
</tr>
<tr>
<td>Amoxicillin</td>
<td>Dispersible tablets</td>
</tr>
<tr>
<td>Artemether + lumefantrine</td>
<td>Oral liquid, tablet</td>
</tr>
<tr>
<td>Artesunate + amodiaquine</td>
<td>Tablet</td>
</tr>
<tr>
<td>Benzyl benzoate</td>
<td>Emulsion</td>
</tr>
<tr>
<td>Calamine lotion</td>
<td>Lotion</td>
</tr>
</tbody>
</table>
| Chlorhexidine                             | **Gel:** 4% in 25g (umbilical cord care)  
**Solution:** (gluconate), 5% for dilution |
| Clinical Thermometer                      |                                      |
| Condoms                                   | Barrier methods                      |
| 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 Zn |
| 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                             |

*Not for children*
### LIST OF PRODUCTS TO BE STOCKED AND SOLD BY PATENT MEDICINE VENDOR

<table>
<thead>
<tr>
<th><strong>ANALGESICS AND ANTIPYRETICS</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetylsalicylic acid (aspirin)</td>
<td>Capsule/tablet: 300 mg</td>
</tr>
<tr>
<td>Ibuprofen</td>
<td>Capsule/tablet: 200 mg, 400 mg</td>
</tr>
<tr>
<td>Paracetamol</td>
<td>Oral liquid: 125 mg/5 mL  Tablets: 125 mg, 500 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ANTIHELMINTHICS</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Levamisole</td>
<td>Oral liquid: 40 mg/5 mL  Table: 40 mg</td>
</tr>
<tr>
<td>Mebendazole</td>
<td>Oral liquid: 100 mg/5 mL  Table: 100 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ANTACID MEDICINES</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium hydroxide</td>
<td>Oral liquid, tablet</td>
</tr>
<tr>
<td>Magnesium trisilicate</td>
<td>Oral liquid: 100 mL, 200 mL  Compound tablet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ANTI-ANAEMIA MEDICINES</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ferric ammonium citrate</td>
<td>Oral liquid: 400 mg/5 mL</td>
</tr>
<tr>
<td>Ferrous salts</td>
<td>Capsule/tablet</td>
</tr>
<tr>
<td>Folic acid</td>
<td>Tablet: 5 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ANTI-DIARRHOEAL MEDICINES</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Low osmolarity oral rehydration salts</td>
<td>Low Osmolarity Oral Rehydration Salts, co-packed with zinc sulphate 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</td>
</tr>
<tr>
<td>Zinc (sulphate) + Low Osmolarity Oral Rehydration Salts</td>
<td>Low Osmolarity Oral Rehydration Salts, co-packed with zinc sulphate 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</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ANTIMALARIALS</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Artesunate + amodiaquine</td>
<td>Oral liquid: 15 mg + 90 mg in 5 mL  Table: 25 mg + 67.5 mg, 50 mg+ 135 mg, 100 mg + 270 mg</td>
</tr>
<tr>
<td>Artemether + lumefantrine</td>
<td>Tablet: 20 mg + 120 mg</td>
</tr>
<tr>
<td>Sulphadoxine + pyrimethamine</td>
<td>500 mg + 25 mg tablet/syrup (per 5ml)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ANTI-EFFECTIVE MEDICINES</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Amoxicillin*</td>
<td>Dispersible tablet: 125mg and 250mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>ANTISEPTIC AND DISINFECTANT SOLUTIONS</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzoin</td>
<td>Compound tincture</td>
</tr>
<tr>
<td>Cetrimide + chlorhexidine</td>
<td>Solution: 15% + 1.5%</td>
</tr>
<tr>
<td>Chlorhexidine gluconate</td>
<td>Solution: 5% for dilution</td>
</tr>
<tr>
<td>Chlorhexidine</td>
<td>Gel: 4% in 25g (umbilical cord care)  Solution: (gluconate), 5% for dilution</td>
</tr>
<tr>
<td>Chloroxylenol</td>
<td>Solution: 5% (for dilution)</td>
</tr>
<tr>
<td>Dichloroxylenol + chlorophenol</td>
<td>Soap, solution</td>
</tr>
<tr>
<td>Methylated spirit</td>
<td>50 mL, 100 mL</td>
</tr>
<tr>
<td>Povidone iodine</td>
<td>Solution: 30 mL, 60 mL</td>
</tr>
<tr>
<td>Sodium hypochlorite</td>
<td>10%, 250 mL, 500 mL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>COLD RELIEF</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Chlorphenamine maleate</td>
<td>Tablet: 4 mg (10s)  Syrup: 2 mg per mL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>CONTRACEPTIVES</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Condoms</td>
<td></td>
</tr>
<tr>
<td>Foaming tablets</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>DERMATOLOGICALS</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-infective Medicines</td>
<td></td>
</tr>
<tr>
<td>Gentian violet</td>
<td>Tincture: 1%</td>
</tr>
<tr>
<td>Silver sulphadiazine</td>
<td>Cream: 1%</td>
</tr>
</tbody>
</table>

*..UNColSC
<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calamine</td>
<td>Lotion</td>
</tr>
<tr>
<td>Calamine + zinc oxide</td>
<td>Lotion, plaster</td>
</tr>
</tbody>
</table>

**Fungicides**

- Benzoic acid plus salicylic acid (Whitfield’s) **Ointment**: (6% + 3%) ration 2:1
- Clotrimazole **Cream, dusting powder, ointment, 1%**
- Selenium sulfide **Shampoo**: 2.5%

**Keratolytic and keratoplastic medicines**

- Coal tar **Solution/ointment USP**
- Salicylic acid **Ointment**: 2.5%, **Solution**: 12% in flexible collodion

**Scabicides and pediculicides**

- Benzyl benzoate **Emulsion**: 25%
- Monosulfiram **Solution/soap**: 25%

**DRESSINGS AND MEDICAL DEVICES**

- Absorbent gauze
- Cotton/crepe bandages
- Cotton wool
- Elastic plaster dressings
- Dusting powder **Zinc, starch and talc dusting powder with or without menthol**
- Clinical Thermometer

**MOUTHWASH**

- Hexetidine solution 0.1%

**NON-SPECIFIC (GENERAL) ANTIDOTES**

- Charcoal, activated **Powder/granules**: 5 g, sachet **Tablet**: 1 g

**RUBEFACIENTS AND INHALERS**

- Methyl salicylate compound preparations **Balm, cream, embrocation, liniment, rubs, ointment, oil and inhaler**

**PURGATIVE MEDICINES**

- Magnesium hydroxide **Oral liquid**: 8% hydrated magnesium oxide
- Magnesium sulphate **Granules**: sachets, 5 g **Oral liquid**: 4 g in 10 mL
- Senna **Granules, tablets**

**THROAT ANTISEPTIC PREPARATIONS**

- Dequalinium hydrochloride **Lozenges**: 250 mg
- Domiphen bromide **Lozenges**: 1.5 mg
- Hexetidine **Mouthwash/gargle**: 0.1%
- Menthol + ascorbic acid + hydrous citric acid **Lozenges**: (0.09% + 2.9412% + 0.8332% respectively)
- Menthol + eucalyptus oil + camphor + thymol **Lozenges**: (0.207% + 0.069% + 0.0007% + 0.0007% respectively)

**VITAMINS, MINERALS AND NUTRITIONALS**

- Ascorbic acid (Vitamin C) **Oral liquid**: 100 mg in 5 mL **Tablets**: 100 mg
- Calcium salts **Tablets**: (gluconate), 600 mg **Tablets**: (lactate), 300 mg
- Cod liver oil **Capsules, oral liquid**
- Folic acid **Tablet**: 5 mg
- Glucose **Powder for oral use**
- Multivitamins **Capsule, drop, oral liquid, tablet**
- Vitamin B complex **Oral liquid, tablet**

**DIAGNOSTIC AGENT**

- Rapid Diagnostic Tests **Various kits for malaria**
## APPENDIX 1: APPROVED DOSES FOR VITAMINS

<table>
<thead>
<tr>
<th>Vitamin</th>
<th>Age Group/Physiological State</th>
<th>Daily Dosage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biotin</td>
<td>Adults</td>
<td>100 - 300 mg</td>
</tr>
<tr>
<td>Folic acid</td>
<td>Children</td>
<td>40 - 200 micrograms</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>200 - 5000 micrograms</td>
</tr>
<tr>
<td>Nicotinamide</td>
<td>Adults</td>
<td>15 - 30 mg (prophylaxis)</td>
</tr>
<tr>
<td></td>
<td>Deficiency:</td>
<td>50 - 250 mg (therapeutic)</td>
</tr>
<tr>
<td>Pantothenic acid</td>
<td>Children</td>
<td>0.5 - 3.5 mg</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>1 - 7 mg</td>
</tr>
<tr>
<td>Vitamin A</td>
<td>Children</td>
<td>1,500 - 5,000 units</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>5,000 - 10,000 units</td>
</tr>
<tr>
<td></td>
<td>Pregnancy</td>
<td>5,000 - 6,000 units</td>
</tr>
<tr>
<td></td>
<td>Lactation</td>
<td>5,000 - 10,000 units</td>
</tr>
<tr>
<td></td>
<td>Deficiency:</td>
<td>25,000 - 50,000 units</td>
</tr>
<tr>
<td>Vitamin B₁ (thiamine)</td>
<td>Children</td>
<td>0.3 - 1 mg</td>
</tr>
<tr>
<td></td>
<td>Adult</td>
<td>1 - 1.3 mg</td>
</tr>
<tr>
<td></td>
<td>Deficiency:</td>
<td>5 - 50 mg</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>200 - 300 mg</td>
</tr>
<tr>
<td>Vitamin B₂ (riboflavin)</td>
<td>Children</td>
<td>1 - 1.8 mg</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>0.3 - 1 mg</td>
</tr>
<tr>
<td></td>
<td>Deficiency:</td>
<td>5 - 30 mg</td>
</tr>
<tr>
<td>Vitamin B₆ (pyridoxine hydrochloride)</td>
<td>Children</td>
<td>0.3 - 0.6 mg</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>1 - 2 mg</td>
</tr>
<tr>
<td></td>
<td>Deficiency:</td>
<td>20 - 50 mg</td>
</tr>
<tr>
<td></td>
<td>Children</td>
<td>50 - 400 mg</td>
</tr>
<tr>
<td>Vitamin B₁₂ (cyanocobalamin)</td>
<td>Children</td>
<td>0.3 - 2 micrograms</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>2 - 3 micrograms</td>
</tr>
<tr>
<td></td>
<td>Deficiency:</td>
<td>50 - 1,000 micrograms</td>
</tr>
<tr>
<td>Vitamin C (ascorbic acid)</td>
<td>Children</td>
<td>50 - 200 mg</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>250 - 1,000 mg</td>
</tr>
<tr>
<td>Vitamin D (cholecalciferol)</td>
<td>Children</td>
<td>2.5 - 5 micrograms</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>25 - 50 micrograms</td>
</tr>
<tr>
<td>Vitamin E</td>
<td>Children</td>
<td>3 - 15 mg</td>
</tr>
<tr>
<td></td>
<td>Adults</td>
<td>50 - 200 mg</td>
</tr>
<tr>
<td></td>
<td>Deficiency:</td>
<td>1000 - 2000 mg</td>
</tr>
</tbody>
</table>

* Formulations containing various specified amounts of vitamins are accepted provided the formulations satisfy the vitamin requirements of the age and the physiological state of the intended user.
### APPENDIX 2: RESTRICTED MEDICINES LIST

#### 2.4 Non-steroidal anti-inflammatory, gout and rheumatoid medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Etanercept</td>
<td>Injection: 25 mg, 50 mg prefilled syringes</td>
</tr>
<tr>
<td>Leflunomide</td>
<td>Tablets: 10 mg, 20 mg, 100 mg</td>
</tr>
<tr>
<td>Rituximab</td>
<td>Injection: 10 mg/mL in 10-mL vials</td>
</tr>
<tr>
<td>Sulfasalazine</td>
<td>Tablet: 500 mg</td>
</tr>
<tr>
<td>Sulfipyrazone</td>
<td>Capsules/tablets: 100 mg, 200 mg</td>
</tr>
</tbody>
</table>

#### 5.1 Amoebicide

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diloxanide</td>
<td>Tablet: (furoate), 500 mg</td>
</tr>
</tbody>
</table>

#### 5.2.2 Antifilarials

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylcarbarmazine</td>
<td>Tablet: (citrate) 50 mg</td>
</tr>
</tbody>
</table>

#### 5.2.3 Antischistosomal and other antitrematode medicines

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eflornithine</td>
<td>Injection: (hydrochloride), 200 mg/mL in 100-mL bottle</td>
</tr>
<tr>
<td>Nifortimox</td>
<td>Tablet: 30 mg, 120 mg, 250 mg</td>
</tr>
</tbody>
</table>

#### 5.3 Antibacterial Medicine

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloramphenicol</td>
<td>Capsule: 250 mg</td>
</tr>
<tr>
<td>Offloxacin</td>
<td>Capsule/tablet: 200 mg</td>
</tr>
<tr>
<td></td>
<td>Injection: 100 mg in 50 mL, 200 mg in 100 mL</td>
</tr>
</tbody>
</table>

#### 5.7 Antimalarial medicine

##### 5.7.1 Prophylaxis

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atovaquone/Proguanil combination</td>
<td>Tablet: 250 mg atovaquone plus 100 mg proguanil (hydrochloride) for adult; 62 mg atovaquone plus 25 mg proguanil for children</td>
</tr>
<tr>
<td>Hydroxychloroquine</td>
<td>Tablet: 200 mg</td>
</tr>
<tr>
<td>Mefloquine</td>
<td>Tablet: (hydrochloride), 250 mg</td>
</tr>
<tr>
<td>Proguanil</td>
<td>Tablet: (hydrochloride), 100 mg</td>
</tr>
</tbody>
</table>

##### 5.7.2 Treatment

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloroquine</td>
<td>Tablet: (sulfate or phosphate) 200 mg base</td>
</tr>
</tbody>
</table>

#### 5.9 Anti-tuberculosis medicines (Programme Medicines)*

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kanamycin (Km)</td>
<td></td>
</tr>
<tr>
<td>Amikacin (Am)</td>
<td></td>
</tr>
<tr>
<td>Capreomycin (Cm)</td>
<td></td>
</tr>
<tr>
<td>Streptomycin (S)</td>
<td></td>
</tr>
<tr>
<td>Levofloxacin (Lfx)</td>
<td></td>
</tr>
<tr>
<td>Moxifloxacin (MX)</td>
<td></td>
</tr>
<tr>
<td>Gatifloxacin (Gfx)</td>
<td></td>
</tr>
<tr>
<td>Ethionamide (Eto)</td>
<td></td>
</tr>
<tr>
<td>Prothionamide (Pto)</td>
<td></td>
</tr>
<tr>
<td>Cycloserine (Cs)</td>
<td></td>
</tr>
<tr>
<td>Terizidone (Trd)</td>
<td></td>
</tr>
<tr>
<td>P-aminosalicylic acid (PAS)</td>
<td></td>
</tr>
<tr>
<td>Clofazidine (Cfz)</td>
<td></td>
</tr>
<tr>
<td>Linezolid (Lzd)</td>
<td></td>
</tr>
<tr>
<td>Thiacetazone (Th)</td>
<td></td>
</tr>
<tr>
<td>Imipenem/Cilastatin (Ipm/Cln)</td>
<td></td>
</tr>
<tr>
<td>Bedaquiline (Bdq)</td>
<td></td>
</tr>
<tr>
<td>Delamanid (Dim)</td>
<td></td>
</tr>
</tbody>
</table>

#### 7. ANTI-NEOPLASTIC AND IMMUNOSUPPRESSIVE MEDICINES

<table>
<thead>
<tr>
<th>Medicine</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bicalutamide</td>
<td>Tablet: 50 mg</td>
</tr>
<tr>
<td>Buserelin</td>
<td>Injection: (acetate), 1 mg/mL in 5.5 mL vial</td>
</tr>
<tr>
<td></td>
<td>Nasal spray: (acetate), 150 micrograms / metered spray</td>
</tr>
<tr>
<td>Degarelix</td>
<td>Injection powder: (acetate), 80 mg, 120 mg vials</td>
</tr>
<tr>
<td>Docetaxel</td>
<td>Injection: 10 mg/mL</td>
</tr>
<tr>
<td></td>
<td>Injection powder: 20 mg, 80 mg</td>
</tr>
<tr>
<td>Flutamide</td>
<td>Tablet: 250 mg</td>
</tr>
<tr>
<td>Goserelin</td>
<td>Injection: (acetate), 3.6 mg in prefilled syringe</td>
</tr>
<tr>
<td>Medication</td>
<td>Formulation</td>
</tr>
<tr>
<td>------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Leuprolide</td>
<td>Injection: (acetate), 1 mg/0.2 mL</td>
</tr>
<tr>
<td>Mechlorethamine</td>
<td>Injection powder: 10 mg vial</td>
</tr>
<tr>
<td>Zolendronic acid</td>
<td>Injection: 5 mg/100 mL</td>
</tr>
</tbody>
</table>

### 10.4 Medicines used in heart failure

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carvedilol</td>
<td>Tablet: 12.5 mg, 25 mg</td>
</tr>
</tbody>
</table>

### 5.10 Antiviral medicines

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pegylated Interferonalpha-2b</td>
<td>Injection powder: 3,000,000 to 9,000,000 units</td>
</tr>
<tr>
<td>Ribavirin</td>
<td>Capsule/tablet: 200 mg, 400 mg</td>
</tr>
<tr>
<td>Oral liquid: 200 mg/5 mL</td>
<td></td>
</tr>
</tbody>
</table>

### 5.11 Systemic antifungal medicines

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terbinafine</td>
<td>Tablet: (hydrochloride), 250 mg</td>
</tr>
</tbody>
</table>

### 10.4 Medicines used in heart failure

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dobutamine</td>
<td>Injection: (hydrochloride), 5 mg/mL in 50-mL vial</td>
</tr>
<tr>
<td>Dopamine</td>
<td>Injection: (hydrochloride), 40 mg/mL in 5-mL vial</td>
</tr>
</tbody>
</table>

### 11.2 Local anaesthetics

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prilocaine</td>
<td>Injection: 3% with felypressin 0.03 units / mL</td>
</tr>
</tbody>
</table>

### 12.4 Anti-inflammatory and antipruritic Medicines

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clobetasol</td>
<td>Cream, ointment: (propionate), 0.05%</td>
</tr>
<tr>
<td>Doxepin</td>
<td>Capsule: (hydrochloride), 10 mg, 25 mg, 50 mg, 75 mg</td>
</tr>
<tr>
<td>Fluocinolone</td>
<td>Cream, ointment: (acetonide), 0.025%</td>
</tr>
<tr>
<td>Ketotifen</td>
<td>Tablet: 1 mg</td>
</tr>
</tbody>
</table>

### 12.1 Anti-acne medicines

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tretinoin</td>
<td>Cream: 0.025%, 0.05%</td>
</tr>
</tbody>
</table>

### 12.7 Psoriasis and vitiligo medicines

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-Methylpsoralen</td>
<td>Capsule: 10 mg</td>
</tr>
<tr>
<td>Lotion: 10 mg/mL</td>
<td></td>
</tr>
<tr>
<td>Tacrolimus</td>
<td>Capsule: 0.5 mg, 1 mg, 3 mg, 5 mg</td>
</tr>
<tr>
<td>Tazarotene</td>
<td>Cream/gel: 0.05%, 0.1%</td>
</tr>
</tbody>
</table>

### 12.8 Scabicides and pediculicides

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crotamiton</td>
<td></td>
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</tbody>
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### 12.9 Sunscreen agents

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
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<tbody>
<tr>
<td>Aminobenzoic acid</td>
<td>Cream: 5%</td>
</tr>
<tr>
<td>Lotion: 5%</td>
<td></td>
</tr>
<tr>
<td>Paste: 5%</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>Cream: 20 - 25%</td>
</tr>
<tr>
<td>Paste: 20 - 25%</td>
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</table>

### 16.1 Anti-anæmia Medicines

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
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<tbody>
<tr>
<td>Iron dextran</td>
<td>Injection: equivalent to 50 mg iron / mL, in 2-mL ampoule</td>
</tr>
</tbody>
</table>

### 18.2 Antihistamines

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cinnarizine</td>
<td>Tablet: 15 mg</td>
</tr>
</tbody>
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### 20.2 Anti-emetic medicines

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyclizine</td>
<td>Tablet: 25 mg</td>
</tr>
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</table>

### 21.1 Adrenal hormones and synthetic substitutes

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
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<tbody>
<tr>
<td>Fludrocortisone</td>
<td>Tablet: 0.1 mg</td>
</tr>
<tr>
<td>Methylprednisolone</td>
<td>Injection: (acetate), 40 mg / mL in 1-mL, 2-mL</td>
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</tbody>
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### 21.4 Androgens

<table>
<thead>
<tr>
<th>Medication</th>
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<tr>
<td>Mesterolon</td>
<td>Tablet: 25 mg</td>
</tr>
<tr>
<td>Testosterone</td>
<td>Injection: (enantate) 200 mg in 1-mL ampoule</td>
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</table>

### 21.5 Estrogens

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylstilboestrol</td>
<td>Tablet: 0.5 mg, 1 mg, 5 mg, 25 mg</td>
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</tbody>
</table>

### 21.5 Medicines acting on pituitary-ovarian axis

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chorionic gonadotropin</td>
<td>Injection powder: 500 units, 1000 units, ampoule</td>
</tr>
<tr>
<td>Danazol</td>
<td>Capsules: 100 mg, 200 mg</td>
</tr>
<tr>
<td>Epimestrol</td>
<td>Tablet: 5 mg</td>
</tr>
<tr>
<td>Follicle-stimulating hormone (FSH) + luteinizing hormone (LH)</td>
<td>Injection powder: 75 units + 75 units</td>
</tr>
</tbody>
</table>

### 21.7.2 Thyroid hormone

<table>
<thead>
<tr>
<th>Medication</th>
<th>Formulation</th>
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</thead>
<tbody>
<tr>
<td>Triiodothyronine</td>
<td>Tablet: 5 micrograms, 10 micrograms, 25 micrograms</td>
</tr>
</tbody>
</table>

### 21.8 Anti-diuretic hormones
### Desmopressin

- **Injection:** 4 micrograms / mL
- **Intranasal solution:** 100 micrograms / mL
- **Nasal spray:** 10 micrograms/metered spray

### Octreotide

- **Injection:** (acetate), 50 micrograms/mL, 100 micrograms/mL in 1-mL ampoules

### Vasopressin

- **Injection:** 20 units / mL in 1-mL ampoule

### Other hormone inhibitor

- **Aminoglutethimide**
  - Tablet: 250 mg
- **Mifepristone**
  - Tablet: 300 mg

### Diagnostic agents for endocrine disorders

- **Luteinizing hormone-releasing hormone (LH-RH)**
  - **Injection:** 0.1 mg / mL in 1-mL ampoule
- **Metyrapone**
  - Capsule/tablet: 250 mg
- **Thyrotropin releasing hormone (TRH)**
  - **Injection:** 0.2 mg / mL and 5-mL vials/
- **Triamcinolone**
  - **Injection:** (acetone), 10 mg / mL, 40 mg

### Diagnostic agents for gastric function

- **Histamine phosphate**
  - **Injection:** 1 mg / mL, ampoule
- **Pentagastrin**
  - **Injection:** 0.25 mg / mL ampoule
- **Tetraacosactide**
  - **Injection:** (acetate) 1 mg / mL

### Diagnostic agent for myasthenia gravis

- **Edrophonium**
  - **Injection:** (chloride), 10 mg / mL

### Anti-infective medicines

- **Ofloxacin**
  - Tablet: 200 mg, 400 mg

### Anti-inflammatory and anti-allergic medicines

- **Ketotifen**
  - Eye drops: 0.035%
- **Olopatadine**
  - Eye drops: 0.1%, 0.2%

### Topical antiglaucoma medicines

- **Dipivefrin**
  - Eye drops: 0.1%

### Medicines used in bipolar disorders

- **Lithium carbonate**
  - Capsule, tablet: 300 mg
- **Pimozide**
  - Tablet: 4 mg, 10 mg

### Medicines used in substance dependence programmes

- **Buprenorphine**
  - Tablet: 150 micrograms, 300 micrograms, 400 micrograms, 600 micrograms
- **Hydromorphone**
  - Table: (hydrochloride), 2 mg, 4 mg
- **Methadone**
  - **Injection:** 10 mg/mL in 1-mL ampoule
  - **Tablet:** (hydrochloride), 5 mg
- **Naltrexone**
  - **Tablet:** 50 mg
- **Oxycodone**
  - **Injection:** (hydrochloride), 10 mg/mL in 1-mL ampoule
  - **Tablet:** (hydrochloride), 5 mg, 7.5 mg
  - **Tablet:** (extended release), 10 mg, 20 mg, 40 mg

### Management of incomplete abortion and miscarriage

- **Misoprostol**
  - Tablet: 200 micrograms
  - Pessary: 25 micrograms

### Urinary and erectile dysfunction

- **Alfuzosin**
  - Tablet: 10 mg
- **Bethanechol**
  - Tablet: 10 mg, 25 mg
- **Finasteride**
  - Tablet: 5 mg
- **Sildenafil**
  - Tablet: 25 mg, 50 mg, 100 mg

* Doses and combinations of medicines used by programmes often vary
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<td>Domiphen bromide</td>
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<td>Edrophonium</td>
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<td>Ferrous salts</td>
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<td>Fludarabine</td>
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<td>Flumetasone + cloquinol</td>
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<td>Lamivudine + nevirapine + zidovudine</td>
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<td>Lamivudine + zidovudine</td>
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