



**Ministry of Health  
The Republic of South Sudan**

**South Sudan Essential Medicines List (SSEML)**

**2018**

**\*Final\***

**August 2018**

### **South Sudan Essential Medicines List (SSEML)**

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# Foreword

The *National Health Policy 2016-2026* of the Republic of South Sudan (RSS) states the country's resolve to transition from emergency health systems support to resilient and sustainable health systems development. The Ministry of Health acknowledges the important contribution of the pharmaceutical sector to improving health outcomes in South Sudan.

Underlying the provision of appropriate, equitable and quality healthcare is the consistent availability of essential medicines at every health service delivery point combined with an efficient monitoring and evaluation system. Other contributors are adequate access to good diagnostic services, good prescribing practices in accordance with evidence-based national treatment guidelines, good dispensing practices and patient adherence to the treatment.

The South Sudan Essential Medicines List 2018 (SSEML 2018) is an update to 2007 edition. The last edition (SSEML 2007) was developed before the independence of South Sudan which makes this edition, the first SSEML in the Republic of Sudan Sudan. It reflects the policy of Ministry of Health to ensure appropriate procurement of safe, efficacious and quality essential medicines in public institutions.

The SSEML 2018 was compiled based on recommendations from various categories of health professionals at the Ministry of Health and within the health facilities across different states in South Sudan. The overarching goal was to include all medicines needed to treat common conditions and prescribe the level of care at which they should be available in South Sudan.

It is the hope of the Ministry of Health that the updated essential medicines list will be used by health providers in both the public and private health sectors, to assure the availability and use of quality, safe, efficacious and cost-effective medicines in South Sudan.

I wish to thank all the members from the Ministry of Health, government institutions, health sector partners, health professionals from the referral hospitals, state and county hospitals, primary health care centres and units and the secretariat of the pharmaceutical technical working group (PTWG) for their various inputs, that led to the successful review and update of this policy document.

**Dr. Riek Gai Kok**  
**Minister of Health,**  
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# Preface

The South Sudan Essential Medicines List (SSEML) 2018 is a government-approved selective list of safe, efficacious and cost-effective medicines that satisfy the healthcare needs of the majority of the South Sudanese population.

Adequate access to essential medicines is central to ensuring equitable access to quality healthcare, consistent with the delivery of the Basic Primary Health and Nutrition Services (BPHNS) and universal health coverage.

Given an inelastic budget for health as experienced in South Sudan, judicious use of available resources is an imperative. The SSEML provides a basis for efficient supply chain management, planning and procurement of medicines by government, health sector partners, health facilities and patients. Presence of a restricted list of carefully selected medicines in a complex health system facilitates provision of higher quality health care through increased availability and improved quality of prescribing practices and cost-effective use of health resources through procurement of fewer products in larger quantities. In the future, the SSEML will be the basis for reimbursement schemes and prioritization for local production.

The SSEML 2018 follows the 2007 edition and includes the medicines required for management of common illnesses in South Sudan. The process of review and update involved a desk review of relevant treatment guidelines, consultations with multiple stakeholders, and was based on principles of evidence-based treatment recommendations, comparative cost-effectiveness, current Ministry of Health policies and international recommendations.

The SSEML 2018 is made up of two sections, namely, Section A, an introductory section that describes the structure of the EML and highlights the intersectionality between the SSEML and Boma health initiative (BHI), SSEML and antibiotic resistance (ABR) and SSEML and disease programmes. Section B which presents the essential medicines list. The medicines are categorised by therapeutic groups. The SSEML 2018 has adapted the structure of the World Health Organisation (WHO) model list of essential medicines, 20<sup>th</sup> edition (August 2018). For easier consultation so as



to promote availability of critical life-saving medicines as all levels, the SSEML goes farther to separate the specialist from the general medicines and to state the level of care within the South Sudan health structure at which each medicine should be made available. The “level of care” corresponds to the health infrastructure and competencies available at those levels.

Given the dynamic nature of therapeutics, standard treatment guidelines and essential medicines lists need to be regularly updated so as to maintain their credibility and relevance. Health professionals and users are thus encouraged to submit any recommendations that can improve or update these guidelines to the Ministry of Health.

We hope that all actors in the South Sudan pharmaceutical supply chain and at health facilities will commit to the use of the SSEML 2018, to promote judicious use of available resources, equitable availability, affordability of quality medicines, and also to prevent adverse consequences such as development of antimicrobial resistance.

**Dr. Makur Matur Kariom,  
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The SSEML 2018 was produced by the Ministry of Health with financial and technical assistance from the World Health Organization (WHO).

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We also extend sincere gratitude to all Ministry of Health disease programmes and directorates, the state and county health offices who cooperated extensively to make sure the review and update of SSEML 2007 occurred comprehensively and ensured that the final policy document is in line with national and international policies.

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## Abbreviations and units

|        |                                                        |
|--------|--------------------------------------------------------|
| ACP    | AIDS Control Programme                                 |
| ACTH   | Corticotrophin                                         |
| AZT    | Zidovudine                                             |
| BP     | British Pharmacopoeia                                  |
| CMS    | Central Medical Stores                                 |
| DFCA   | Drug and Food Control Authority                        |
| DMARDS | Disease Modifying Agents for Rheumatoid Disorders      |
| DMPA   | Medroxyprogesterone acetate                            |
| DFID   | Department for International Development               |
| EML    | Essential Medicines List                               |
| EPI    | Expanded Programme on Immunisation                     |
| FDC    | Fixed Dose Combination                                 |
| FSH    | Follicle stimulating hormone                           |
| Ig     | Immunoglobulin                                         |
| IM     | Intramuscular                                          |
| Inf    | Infusion                                               |
| INN    | International Non-proprietary Name                     |
| ISO    | International Organisation for Standardisation         |
| IU     | International Unit                                     |
| IUD    | Intrauterine device                                    |
| IV     | Intravenous                                            |
| K      | Kilo                                                   |
| L      | Litre                                                  |
| LH     | Luteinizing hormone                                    |
| mEq    | Milliequivalent                                        |
| Mg     | Milligram                                              |
| ml     | Milliliter                                             |
| mm     | Millimeter                                             |
| MoH    | Ministry of Health                                     |
| MU     | Mega unit = 1,000,000units                             |
| NaCl   | Sodium Chloride                                        |
| NaDCC  | Sodium Dichloroisocyanurate                            |
| NCD    | Non Communicable Diseases                              |
| NMCP   | National Malaria Control Programme                     |
| NSAID  | Non-steroidal anti-inflammatory medicines              |
| NTLP   | National Tuberculosis and Leprosy Program              |
| SC     | Subcutaneous                                           |
| SR     | Slow-release                                           |
| SSEML  | South Sudan Essential Medicines List                   |
| TB     | Tuberculosis                                           |
| TSH    | Thyroid stimulating hormone                            |
| UN     | United Nations                                         |
| UNFPA  | United Nations Population Fund                         |
| UNICEF | United Nations International Children's Emergency Fund |
| USAID  | United States Agency for International Development     |
| WHO    | World Health Organisation                              |

## **Section A - Introduction**

### **1. The Essential Medicines Concept**

The South Sudan Essential Medicines List 2018 is a compilation of medicines that satisfy the healthcare needs of the majority of the South Sudanese population, these medicines are intended to be the most cost-effective to the patient and community. It is intended that the medicines in this list are made available at all times at carefully decided levels of care in health facilities, in adequate amounts and in appropriate dosage forms.

The SSEML is an application of the WHO essential medicines concept that aims to promote the efficient use of resources by establishing and using a limited list of carefully selected medicines. Selection of these medicines is made with due regard to disease prevalence in South Sudan, evidence of efficacy, safety and comparative cost-effectiveness, and is done in an extensive consultative process with multiple stakeholders at national level. Selecting a few key medicines that satisfy majority needs of the population ensures that health workers are trained better on how to use them, the pharmaceutical supply chain processes are optimised and the purchaser can negotiate for lower prices because of the higher quantities involved. This leads to better healthcare, easier supply, storage and distribution and lower costs.

### **2. Level of care**

Each medicine in the SSEML 2018 has been assigned a level of use within the South Sudanese health structure. It implies the medicine should be made available, can be prescribed and dispensed at this level and all levels above. The designation of each medicine is in line with the diagnostic and clinical knowledge and skills, and health infrastructure expected to be existing at that level.

The stated level of care guides the supply chain planning and procurement of medicines by the Central Medical Stores, health sector partners and health facilities and eventually it influences the supply chain management i.e. the composition of medicine kits for different health facilities.



Below are the levels of care stated in the SSEML 2018 and corresponding highest level professional cadre expected at each level of health facilities.

|      |                                                           |
|------|-----------------------------------------------------------|
| REF  | Teaching or Specialised Hospital (Consultant/Specialist)  |
| HOSP | State and County Hospital (Consultant or Medical Officer) |
| PHCC | Primary Healthcare Centre (Clinical officer)              |
| PHCU | Primary Healthcare Unit (Enrolled Comprehensive Nurse)    |
| BHT  | Boma Health Team (Community Health Worker)                |

### **3. Process of review and update of the SSEML**

The review and update of the 2007 edition of the SSEML has taken longer than it was anticipated, because of interruptions caused by reasons beyond the review process itself. Initial efforts were made by the MoH unit of rational medicine use and training in 2012 with some support from USAID/SIAPS. Later in 2015, the MoH in collaboration with WHO, HPF and UNFPA sent out requests to health facilities in states and counties for suggestions and input into the SSEML review and update process. Finally, with support of the WHO, the MoH obtained a consultant to finalise the process in July 2016, then November 2017, March and August 2018.

### **4. Structure of SSEML 2018**

The SSEML 2018 consists of two sections, A & B.

#### Section A: Introduction

The introductory section provides a summary of the fundamental principles underlying the development or review of the national essential medicines list. These include the essential medicines concept, level of use of each medicine product within the national health structure, the process of the review and update of the SSEML, structure and composition of the current (2018) SSEML, major and minor changes made to the previous edition (2007) of the SSEML.

The introductory section also provides the form for use to submit amendments to the current SSEML and address to a filled request for revision of the SSEML should be sent. The proposed revisions to the SSEML could be additions of new medicines or formulations or deletions of some medicines or formulations.

Lastly, the introductory section also highlights relevant policy interventions that will affect implementation of the SSEML 2018, and hence have been prioritized by the Ministry of Health. These consist of the essential medicines that can be made available, prescribed and dispensed at the level of Boma Health Teams and the new categorisation of antibacterials into three groups of Access, Watch and Reserve groups (AwaRe classification) by WHO.

## Section B: The Essential Medicines List 2018

The SSEML 2018 uses the relevant International Non-proprietary Name (INN) or generic names for each of the medicines. In very rare cases, especially for combination products, where the most suitable descriptive name is not the INN or generic names, other names are used. The medicines are presented by pharmacological or therapeutic groups, adapting a similar structure to the *World Health Organisation (WHO) model list of essential medicines, 20<sup>th</sup> edition (August 2017)*. Also the World Health Organisation (WHO) Model List of Essential Medicines for Children, 6<sup>th</sup> Edition (August 2017) was reviewed so as to include child appropriate medicines and formulations in the SSEML 2018. For each medicine, the preferred dosage form(s) and strength(s) are also stated.

In each therapeutic category, the medicines are further grouped into the **general** and **specialist** sub-lists. The general sub-list are the minimum medicine needs to provide basic primary healthcare while the specialist sub-list are the essential medicines for priority diseases, for which specialized diagnostic expertise, monitoring facilities and specialist training are needed. Good examples of specialist medicines are the antineoplastic and immunosuppressive medicines that will be restricted to cancer treatment centres and peritoneal and haemodialysis solutions.

This section is presented in a table with seven columns named; Medicine, DF = Dosage Form, STR = Strength, and level of care (PHCU = Primary Healthcare Units, PHCC = Primary Healthcare Centre, HOSP = Hospital, REF = Referral). The 2007 edition of the SSEML had six columns; one column "Description of item" in the 2007 edition has been split into two columns, namely "Medicine" and "STR=Strength".

## 5. Composition of the SSEML

It consists of a total of 556 medicines and formulations, 424 for general use and 132 for specialist use.

**Table 1: Medicines in SSEML 2018 by level of care classified into general and specialist medicines**

| Level of Care | Medicines  |            | Total      |
|---------------|------------|------------|------------|
|               | General    | Specialist |            |
| REF           | 62         | 121        | 183        |
| HOSP          | 130        | 11         | 141        |
| PHCC          | 150        | 0          | 150        |
| PHCU          | 62         | 0          | 62         |
| BHT           | 20         | 0          | 20         |
| <b>Total</b>  | <b>424</b> | <b>132</b> | <b>556</b> |

## 6. Changes to the SSEML 2007

The SSEML edition 2018 has a different Ministry of Health logo and layout on the cover page since it is the first EML produced by the Ministry of Health in the Republic of South Sudan. The list of medicines to be made available at the level of the Boma Health Team and the WHO Access, Watch and Reserve (AWaRe) classification of antibiotics have been added as table 3 and 4, respectively. Lastly, 61 essential medicines or formulations have been deleted from the 2007 edition and 349 essential medicines or formulations have been added to the SSEML 2018 edition.

### Essential medicines or formulations deleted from 2007 edition

1. Abacavir oral solution 100mg/5ml
2. Acetylsalicylic acid tablets 500mg
3. Allupurinol tablets 300mg
4. Aluminium hydroxide tablet 500mg
5. Amloride tablet 5%
6. Amoxycillin powder for suspension 125mg/5ml
7. Amoxycillin tablet, scored 250mg
8. Amoxycillin tablet, scored 500mg
9. Atenolol tablet 50mg
10. Ceftriaxone powder for injection 500mg
11. Chloramphenical palmitate oral suspension 150mg/5ml
12. Ciprofloxacin tablets, scored 250mg
13. Clofazimine capsule 100mg
14. Coal tar + Salicylic acid solution (5%+2%)
15. Dapsone tablet 25mg, 100mg
16. Dextromethorphan syrup 10mg/5ml
17. Dextrose parenteral solution 10%, 500ml
18. Diazepam tablet 2mg
19. Didanosine tablet, chewable 25mg, 100mg

20. Diphenhydramine + Codeine phosphate syrup (14mg+15mg)/5ml
21. Diphenhydramine elixir 14mg/5ml
22. DPT vaccine injection
23. Efavirenz oral solution 150mg/5ml
24. Ergometrine injection 200µg
25. Ethambutol tablet 100mg
26. Factor IX complex (coagulation factors II, VII, IX, X) concentrate
27. Glibenclamide tablet 2.5mg
28. Guiphenesin syrup 50mg/5ml
29. Haloperidol tablet 2mg
30. Indinavir tablet 400mg
31. Intraperitoneal dialysis solution (of appropriate composition)
32. Lamivudine oral solution 50mg/5ml
33. Lopinavir + Ritonavir tablet (133.3mg+33.3mg)
34. Mannitol IV infusion 10%
35. Miltefosine capsules 10mg, 50mg
36. Multivitamin tablets
37. Nalidixic acid tablet 500mg
38. Nelfinavir powder for oral suspension 50mg/ml
39. Nelfinavir tablet 250mg
40. Nicotinamide tablets 50mg
41. Paromomycin injection 500mg/ml
42. Potassium chloride tablet 600mg
43. Probenecid injection 100mg/5ml
44. Probenecid tablets 500mg
45. Rifampicin + Isoniazid + Pyrazinamide tablet (150mg+150mg+500mg)
46. Rifampicin + Isoniazid + Pyrazinamide tablet (150mg+75mg+400mg)
47. Rifampicin tablet 300mg
48. Saquinavir + Ritonavir tablets (200mg+33.3mg)
49. Saquinavir tablets 200mg
50. Sodium cromoglycate eye drops
51. Spironolactone tablet 25mg
52. Stavudine + Lamivudine + Nevirapine tablets (30mg+150mg+200mg)
53. Stavudine + Lamivudine + Nevirapine tablets (40mg+150mg+200mg)
54. Stavudine + Lamivudine tablet (30mg+150mg)
55. Stavudine + Lamivudine tablet (40mg+150mg)
56. Stavudine capsules 30mg, 40mg
57. Tuberculin, purified protein derivative (PPD) injection
58. Warfarin Tablet 2mg
59. Zidovudine capsules 250mg
60. Zidovudine oral suspension 50mg/5ml
61. Zinc oxide ointment 15%

### **Essential medicines or formulations added to the 2018 edition**

1. Abacavir + Lamivudine + Zidovudine Tablet (300mg + 300mg + 150mg)
2. Abacavir + Lamivudine tablet (600mg+300mg)
3. Abacavir + Lamivudine tablet, dispersible, scored (120mg+60mg)
4. Abacavir tablet, dispersible 60 mg
5. Acetylcysteine injection 200mg/ml
6. Aciclovir Eye ointment 3% w/w
7. ACTH (corticotrophin) Powder for injection 40 IU
8. Adenosine Injection 3mg/ml
9. Alcohol handrub Solution 75% v/v, 80% v/v
10. Allopurinol Tablet 100mg
11. Amidotrizoate sodium Injection 300mg/mL, 20mL

12. Amikacin powder for injection, 500mg vial
13. Amikacin sulfate injection 250mg/ml
14. Aminophylline Tablet 100mg
15. Amlodipine Tablet 5mg, 10mg
16. Amoxicillin capsule, 250mg, 500mg
17. Amoxicillin powder for oral liquid 250mg/5ml
18. Amoxicillin tablet, dispersible 250mg
19. Amphotericin B powder for injection 50mg vial
20. Ampicillin + Cloxacillin capsules 250mg+250mg
21. Ampicillin + Cloxacillin powder for injection 250mg + 250mg
22. Anastrozole Tablet 1mg
23. Anthrax vaccine Injection 0.125ml (anthrax antigens)/0.5ml dose
24. Antiscorpion serum Injection mixture of Androctonus, Leiurus and Buthus spp in 10ml vial
25. Antitetanus serum (tetanus antitoxin) Injection 1500 IU
26. Antivenom sera polyvalent (ECHITAB-PLUS-ICP®) Injection
27. Antivenom sera polyvalent (SAIMR®) Injection
28. Artemether Injection 20mg/ml, 60mg/ml, 80mg/ml
29. Artesunate + Amodiaquine Tablet (25mg+67.5mg), (50mg +135mg), (100mg+270mg)
30. Artesunate Injection 30mg/ml 60mg/ml 120mg/ml
31. Atazanavir + (Ritonavir) tablet (300mg+100 mg)
32. Atenolol Tablet 100mg
33. Atorvastatin Tablet 20mg, 40mg
34. Atracurium besylate Injection 10mg/ml
35. Azathioprine Tablet 50 mg
36. Azathioprine Powder for injection 100 mg
37. Azithromycin capsule 500mg
38. Azithromycin oral suspension 200mg/5ml
39. Azithromycin tablet 250mg, 500mg
40. Bedaquiline tablet 100mg
41. Bendroflumethiazide tablet 5mg
42. Benzoylperoxide lotion/cream 5%
43. Benztropine injection 1mg/ml
44. Betamethasone injection 4mg/ml
45. Betamethasone Eye/ear drops 0.10%
46. Bicalutamide Tablet 50mg
47. Bisacodyl Paediatric suppository 5mg
48. Bisacodyl Tablet 5mg
49. Bleomycin Powder for injection 15IU
50. Calcium folinate (folinic acid) Injection 10mg/ml
51. Calcium gluconate Injection 10%
52. Calcium lactate Tablet 300mg
53. Calcium or sodium hypochlorite Solution 5%
54. Capecitabine Tablet 500mg
55. Capreomycin powder for injection 1g vial
56. Carbamazepine tablets, chewable 100mg
57. Carbamazepine Tablet, scored 200mg
58. Carbimazole Tablet 5mg
59. Carboplatin Injection 10 mg/ml
60. Cefalexin capsule 250mg, 500mg
61. Cefixime dry powder for oral suspension 100mg/5ml
62. Cefixime tablet 200mg.
63. Cerebrolysin® Injection 5ml
64. Chlorambucil Tablet 2 mg

65. Chloramphenicol Ophthalmic ointment 1%
66. Chlorhexidine Cream 5%
67. Chlorhexidine Cutaneous solution 2%
68. Chlorhexidine digluconate Gel 7.1% (equivalent to 4% chlorhexidine)
69. Chlorhexidine gluconate Mouthwash 0.20%
70. Chlorhexidine gluconate Solution 20%
71. Chlorhexidine gluconate Solution 5%, 1000ml bottle
72. Chloroquine sulphate or phosphate Tablet 150mg
73. Ciprofloxacin tablet 500mg
74. Ciprofloxacin hydrochloride Ear drops 0.30%
75. Ciprofloxacin Ophthalmic solution 0.30%
76. Ciprofloxacin Solution for IV infusion 2mg/ml
77. Cisplatin Injection 1mg/ml
78. Clindamycin phosphate Injection 150mg/ml
79. Clomiphene citrate Tablet 50mg
80. Clomipramine hydrochloride Capsule 10mg
81. Clopidogrel Tablet 75mg
82. Clotrimazole Solution 1%
83. Cloxacillin capsule 500mg, 250mg
84. Cloxacillin powder for injection 500mg
85. Clozapine Tablet 50mg
86. Coal tar solution 5%
87. Cortisone acetate Tablet 25mg
88. Cotrimoxazole (Sulphamethoxazole + Trimethoprim) tablet 800mg + 160mg
89. Cyclopentolate Eye drops 1%
90. Cyclophosphamide Powder for injection 1g
91. Cyclophosphamide Capsule 100 mg
92. Cycloserine capsule 250mg
93. Cyclosporin Tablet, Capsules 25mg, 100mg
94. Cyclosporin Concentrate for IV infusion 50 mg/ml
95. Cytarabine Injection 20 mg/ml
96. Dacarbazine Powder for injection 200 mg
97. Daclatasvir Tablet, film coated 30mg, 60mg
98. Darrow's solution Injection ½ strength in 5% glucose
99. Darunavir (+Ritonavir) tablet (600mg+100mg)
100. Darunavir + (Ritonavir) tablet (75mg+100mg)
101. Dasabuvir Tablet 250mg
102. Daunorubicin Powder For Injection 20 mg
103. Deferoxamine powder for injection 500mg
104. Dexamethasone tablet 0.5mg
105. Dexamethasone + tobramycin Topical (0.1%+0.3%)
106. Diazepam rectal tube 2mg/ml
107. Diclofenac injection 25mg/ml
108. Digoxin Injection 250µg/ml
109. Digoxin Tablet 250µg
110. Dihydroartemisinin + piperaquine Tablet (40mg+320mg)
111. Dimercaprol injection 50mg/ml
112. Diphtheria-pertussis-tetanus-hepatitis B-haemophilus influenzae B (DPT HepB-Hib) Injection 2-dose vial
113. Docetaxel Infusion 40 mg/ml
114. Docusate sodium Capsule 100mg
115. Dolutegravir Tablet 50 mg
116. Dopamine Concentrate for IV inf 40mg/ml
117. Doxylamine + pyridoxine Tablet (10mg+10mg)
118. Econazole Eye drops 2%

119. Efavirenz tablet 600mg
120. Enalapril Tablet 5mg
121. Enoxaparin Injection 100mg/ml
122. Entecavir Tablet 0.5mg
123. Epinephrine (adrenaline) Injection 1mg/ml
124. Ergocalciferol (vitamin D2) Tablet 250µg (10,000 IU)
125. Ergometrine maleate Injection 500µg/ml
126. Ethambutol + isoniazid tablet (400mg+150mg)
127. Ethanol, denatured Solution 70%
128. Ethinylestradiol + Desogestrel + placebo Tablet (30µg+150µg)
129. Ethinylestradiol + Levonorgestrel + Ferrous fumarate Tablet (30µg+150µg+75mg)
130. Ethinylestradiol + norgestrel Tablet (30µg+300µg)
131. Ethionamide tablet 125mg, 250mg
132. Ethosuximide capsules 250mg
133. Etonogestrel Implant (1 radiopaque rod) 68mg
134. Etoposide Injection 20 mg/ml
135. Fentanyl citrate injection 50µg/ml
136. Ferrous sulphate paediatric Oral solution 25mg iron /ml
137. Ferrous sulphate Tablet 60mg iron
138. Filgrastim Injection 300 µg/ml
139. Fluconazole capsule 50mg, 200mg
140. Fluconazole injection 2mg/ml, 100ml
141. Fluconazole oral suspension 50mg/ml
142. Flucytosine injection 10mg/ml
143. Fluorouracil Injection 50mg/ml
144. Fluoxetine hydrochloride Capsule 20mg
145. Fluoxetine hydrochloride Capsule 20mg
146. Fluphenazine decanoate Injection (oily) 25mg/ml
147. Folic acid Tablet 0.4mg, 1mg,
148. Folinic acid Tablet 15mg
149. Formula 100 Powder (100 kCal + 2.9g protein/100ml)
150. Formula 75 Powder (75 kCal + 0.9g protein/100ml)
151. Fresh frozen plasma
152. Gemcitabine Powder for injection 1g
153. Glibenclamide Tablet 5mg
154. Gliclazide Tablets 30mg, 60mg
155. Glimepiride Tablet 1mg, 2mg
156. Glutaraldehyde Solution 2%
157. Goserelin Implant 3.6 mg
158. Goserelin Injection 10.8 mg
159. Goserelin Injection 3.6 mg
160. Haloperidol decanoate Injection (oily) 100mg/ml
161. Haloperidol Tablet 5mg, 10mg
162. Human papilloma virus vaccine (type 16 + type 18 capsid protein) Injection 40µg/ml + 40µ/ml
163. Hydrocortisone + oxytetracycline + polymyxin B Eye drops (1.5%+0.5%+10,000IU/ml)
164. Hydrocortisone Eye ointment 0.50%
165. Hydrogen peroxide Solution 6%
166. Hydroxocobalamin (vitamin B12) Injection 1mg/ml
167. Hydroxocobalamin (vitamin B12) Injection 1mg/ml
168. Hydroxycarbamide (hydroxyurea) Capsule 500 mg
169. Hyoscine Injection 20mg/ml
170. Hyoscine Tablet 20mg
171. Ibuprofen oral liquid 200mg/ml

- 172. Ibuprofen tablets 400mg
- 173. Ifosfamide-Mesna Powder for injection 1g
- 174. Imipramine Tablet 25mg
- 175. Iodine (I) + potassium iodide (Lugol's) Oral solution (5%+10%, 130mg total iodine/ml)
- 176. Iohexol, non-ionic Injection 350mg/mL, 100ml
- 177. Iohexol, non-ionic Injection 350mg/mL, 50ml
- 178. Ipratropium bromide Aerosol inhalation 20µg/metered dose
- 179. Irinotecan Infusion 20 mg/ml
- 180. Isoflurane liquid for inhalation 99.9%
- 181. Isoniazid + pyridoxine + sulfamethoxazole + trimethoprim tablet, scored (300mg+25mg+800mg+160mg)
- 182. Isoniazid tablet, dispersible, 100mg
- 183. Isosorbide dinitrate Tablet 10mg
- 184. Isosorbide dinitrate Tablet, sublingual 5mg
- 185. Itraconazole capsule 100mg
- 186. Kanamycin powder for injection 1g vial
- 187. Lactulose Solution 3.1-3.7g/5ml
- 188. Lamotrigine tablet 25mg
- 189. L-asparaginase Injection 10,000 IU
- 190. Ledipasvir + Sofosbuvir Tablet, film coated (90 mg + 400mg)
- 191. Levofloxacin tablet 250mg
- 192. Levonorgestrel releasing intrauterine system IUD 52mg
- 193. Levonorgestrel Tablet 30µg
- 194. Levonorgestrel (Emergency contraception Tablet 1.5mg
- 195. Levonorgestrel Implant (2 silicone rods) 75mg
- 196. Levothyroxine (Thyroxine) Tablet 100µg
- 197. Linezolid tablet 600mg
- 198. Liposomal Amphotericin B powder for injection 50 mg vial
- 199. Liquid concentrate for haemodialysis Liquid (32mEq/L bicarbonate + 5mEq/L acetate)
- 200. Liquid concentrate for haemodialysis (bicarbonate + acetate) Liquid (33mEq/l+4mEq/l)
- 201. Liquid paraffin Oral emulsion
- 202. Lisinopril Tablet 5mg, 10mg
- 203. Lithium carbonate Tablet 300mg
- 204. Lopinavir (+ ritonavir) tablet (100mg+25mg)
- 205. Lopinavir (+ Ritonavir) pellets/capsule (40mg+10mg/ml)
- 206. Lopinavir (+ Ritonavir) tablet (200mg+50mg)
- 207. Loratadine tablets 10mg
- 208. Losartan Tablet 50mg
- 209. Magnesium trisilicate compound, BP Tablet 375mg
- 210. Mannitol IV infusion 20%
- 211. Mannitol IV infusion 20%
- 212. Mebendazole tablet 100mg
- 213. Medroxyprogesterone acetate (Depot) (DMPA-SC) Subcutaneous injection 104mg/ml
- 214. Medroxyprogesterone acetate Tablet 5mg
- 215. Mefloquine tablet 250mg
- 216. Mercaptopurine Tablet 50 mg
- 217. Meropenem powder for injection 500mg
- 218. Metformin hydrochloride Tablet 850mg
- 219. Methadone hydrochloride Oral liquid 5mg/5ml
- 220. Methotrexate Injection 50mg/ml
- 221. Methotrexate Tablet 2.5mg



- 222. Methyl testosterone Tablet 5mg
- 223. Methyl dopa Tablet 250mg
- 224. Methylprednisolone Powder for injection 500mg
- 225. Methylrosanilinium chloride (gentian violet) Paint 0.50%
- 226. Methylthioninium chloride (methylene blue) injection 10mg/ml
- 227. Metoclopramide Injection 5mg/ml
- 228. Metoclopramide Tablet 10mg
- 229. Metronidazole benzoate Oral suspension 200mg/5ml
- 230. Metronidazole Tablet 250mg,
- 231. Miconazole Cream 2%
- 232. Misoprostol Tablet 200µg
- 233. Misoprostol Vaginal tablet 25µg
- 234. Mitomycin Powder for injection 20mg
- 235. Moxifloxacin tablet 400mg
- 236. Mustine Powder for injection 10 mg
- 237. Neostigmine metilsulfate Injection 2.5mg/ml
- 238. Nevirapine tablet 50mg
- 239. Niclosamide tablet 500mg
- 240. Nicotine replacement therapy Gum 2mg
- 241. Nifedipine Capsule or sublingual tablet (immediate release) 10mg
- 242. Nifurtimox tablet 120mg
- 243. Nitrofurantion tablet 100mg
- 244. Nitrous oxide inhalation 99.9%
- 245. Norethisterone enanthate Oily solution 200mg in 1ml
- 246. Norethisterone enanthate + Estradiol valerate Oily solution 5mg in ml
- 247. Normal immunoglobulin, human Injection 16%
- 248. Nystatin pessary 100,000IU
- 249. Nystatin Cream/ointment 100,000IU/g
- 250. Omeprazole Injection 40mg
- 251. Omeprazole Tablet 20mg
- 252. Ondansetron Tablet 4mg
- 253. Ondansetron Injection 2mg/ml
- 254. Oral cholera vaccine Oral suspension *Vibrio cholerae* O1
- 255. Oral rehydration salts Powder for 1L WHO formula
- 256. Oseltamivir capsule 45mg, 75mg
- 257. Oxaliplatin Injection 5 mg/ml
- 258. Paclitaxel Powder for injection 100 mg
- 259. p-aminosalicylic acid tablet 500mg
- 260. Pancuronium bromide Injection 2mg/ml
- 261. Paracetamol suppository 125mg
- 262. Paracetamol tablet, dispersible 100mg
- 263. Penicillamine tablets 250mg
- 264. Peritoneal dialysis solution Solution 2.5% (glucose)
- 265. Peritoneal dialysis solution Solution 4.25% (glucose)
- 266. Peritoneal dialysis solution Solution 1.5% (glucose)
- 267. Permethrin cream 5%
- 268. Phenobarbital injection 200mg/ml
- 269. Phenoxymethylpenicillin tablet 250mg
- 270. Phenylephrine Eye drops 10%
- 271. Phenytoin injection 50mg/ml
- 272. Phenytoin tablets 50mg
- 273. Physostigmine Eye drops 0.25%
- 274. Phytomenadione (vitamin K1) Injection 1mg/ml
- 275. Piracetam Tablet 800mg
- 276. Platelets

- 277. Pneumococcal polysaccharide conjugate vaccine (adsorbed) Injection  
0.5ml/dose in 2 dose vial
- 278. Poliomyelitis vaccine, inactivated Injection 0.5ml
- 279. Potassium permanganate aqueous solution 0.005%
- 280. Povidone Eye drops 5%
- 281. Pralidoxime powder for injection 1g
- 282. Primaquine diphosphate Tablet 7.5mg, 15mg
- 283. Procarbazine Capsule 50 mg
- 284. Propofol powder for injection 10mg/ml
- 285. Propranolol tablet 20mg
- 286. Propranolol Tablet 40mg
- 287. Propranolol Tablet 40mg
- 288. Protamine Injection 10mg/ml
- 289. Pyrimethamine Tablet 25 mg
- 290. Rabeprazole Injection 20mg
- 291. Raltegravir Tablet (chewable) 100 mg
- 292. Raltegravir tablet 400 mg
- 293. Ranitidine Injection 25mg/ml
- 294. Ready to use therapeutic-feeds (RUTF) Paste (30% full fat milk, 28% sugar, 15% vegetable oil, 15% peanut butter, 1.6% mineral vitamin mix)
- 295. Red blood cells
- 296. Ribavirin IV injection 800mg in 10ml phosphate buffer solution
- 297. Rifabutin capsule 150mg
- 298. Rifampicin + clofazimine + dapsone tablet, blister (600mg + 300mg + 100mg)
- 299. Rifampicin + clofazimine + dapsone tablet, blister (450mg + 150mg + 50mg)  
Rifampicin + dapsone tablet, blister (600mg + 100mg) Rifampicin + dapsone tablet, blister (450mg + 50mg)
- 300. Rifampicin + isoniazid + ethambutol tablet (150mg+75mg+275mg)
- 301. Rifampicin + isoniazid + pyrazinamide tablet, dispersible (75mg+50mg+150mg)
- 302. Rifampicin + isoniazid tablet, dispersible (75mg+50mg)
- 303. Rifampicin + isoniazid tablet (300mg+150mg)
- 304. Risperidone Tablet 5mg
- 305. Ritonavir tablet 25mg,
- 306. Rituximab Concentrate for IV inf 10 mg/ml
- 307. Rose bengal Eye drops 1%
- 308. Rotavirus vaccine, live attenuated Oral suspension 1.5ml prefilled oral syringe
- 309. Salbutamol Respirator solution for use in nebulisers 5mg/ml
- 310. Simeprevir Capsule 150mg
- 311. Sodium hydrogen bicarbonate IV injection 8.4%
- 312. Sodium nitrite injection 30mg/ml
- 313. Sodium thiosulphate injection 250mg/ml
- 314. Sofosbuvir Tablet 400mg
- 315. Spironolactone tablet 50mg
- 316. Stilboestrol Tablet 5 mg
- 317. Stilboestrol Tablet 5mg
- 318. Sulfadiazine Tablet 500 mg
- 319. Sulphur + salicylic acid Cream/ointment (2% + 2%)
- 320. Suramin sodium Powder for injection 1g vial
- 321. Temozolamide Capsule 250 mg
- 322. Tenofovir (TDF) Tablet 300mg
- 323. Tenofovir + Lamivudine + Dolutegravir Tablet (300mg + 300mg + 50mg)
- 324. Tenofovir + Lamivudine + Efavirenz Tablet (300 mg + 300 mg + 600 mg)
- 325. Tenofovir + Lamivudine Tablet (300 mg + 300 mg)
- 326. Tenofovir tablet 300 mg
- 327. Terbinafine Cream/Ointment 1%

- 328. Testosterone enanthate Injection (oily) 200mg/ml
- 329. Tetanus + Diphtheria (Td) Injection adsorbed, reduced antigen content
- 330. Thalidomide Capsule 50mg, 100mg
- 331. Thioguanine Tablet 40mg
- 332. Timolol maleate Eye drops 0.25%, 0.5%
- 333. Triamcinolone Injection 40mg/ml
- 334. Valproate tablet, crushable 100mg
- 335. Valproate tablet, enteric coated 500mg
- 336. Valproic acid (Sodium valproate) Tablet (enteric coated) 500mg
- 337. Vancomycin hydrochloride Powder for injection 250mg vial
- 338. Vecuronium bromide Powder For Injection 10mg
- 339. Vinblastine sulfate Powder for injection 2mg, 10mg
- 340. Vitamin B compound (strong) (B5+B6+B2+B1) Tablet (20mg+2mg+2mg+5mg)
- 341. Vitamin K Injection 1mg/ml
- 342. Warfarin Tablet 1mg
- 343. Whole blood
- 344. Xylometazoline Paediatric nasal drops 0.05%
- 345. Zidovudine + Lamivudine + Nevirapine Tablet (300 mg + 150 mg + 200 mg)
- 346. Zidovudine + Lamivudine + Nevirapine Tablet (60 mg + 30 mg + 50 mg)
- 347. Zidovudine + Lamivudine Tablet (300 mg + 150 mg)
- 348. Zidovudine + Lamivudine Tablet (60 mg + 30 mg)
- 349. Zidovudine tablet 100mg, 300mg

## 7. Amendments

Proposals for amendments to the SSEML 2018 with relevant support explanations and reference literature should be sent to:

Directorate of Pharmaceutical and Medical Supplies  
Ministry of Health, Ministerial Complex, Juba, South Sudan  
PO Box 88, Juba  
Telephone:  
Email:

**Proposal for inclusion, change or deletion of a product in the SSEML should be made by filling in and submitting the Essential Medicines List Revision Request Form**

**Table 2 Essential Medicines List Revision Request Form**

| Essential Medicines List Revision Request Form                                                                                   |                                              |
|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Requestor (Health Professional/Health Facility/Institution)                                                                      |                                              |
| Type of Request<br><input type="checkbox"/> Addition<br><input type="checkbox"/> Deletion<br><input type="checkbox"/> Change     | Generic name<br><br>Dosage form and strength |
| Product name(s) and manufacturer(s) details                                                                                      |                                              |
| For additions, what similar acting medicines are on current edition of the SSEML?                                                |                                              |
| Explain the advantage of the medicine(s) proposed for addition over similar products listed on the current edition of the SSEML. |                                              |
| State reasons for deletion or change of the item on the SSEML.                                                                   |                                              |

## 8. Essential medicines for the Boma Health Teams

A Boma Health Team consists of three people who live in a Boma (smallest geographical and administrative unit in South Sudan), selected by their community and recruited by the Ministry of Health to provide community health services. Table 3 shows the medicines that will be made available at the level of BHTs. Availability of these medicines with Boma Health Teams will follow the phased approach proposed in the Boma Health Initiative policy.

**Table 3 Essential medicines to be made available at BHTs**

| Medicines for Boma Health Team (BHT)                                                    | DF                             | STR                                              |
|-----------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------|
| <b>Integrated community case management (iCCM) intervention for childhood illnesses</b> |                                |                                                  |
| Artesunate + Amodiaquine                                                                | Tablet                         | 25mg+67.5mg<br>50mg+135mg                        |
| Artesunate                                                                              | Suppository                    | 50mg                                             |
| Sulphadoxine + pyrimethamine                                                            | Tablet                         | 500mg+25mg                                       |
| Amoxicillin                                                                             | Tablet, dispersible            | 250mg<br>125mg                                   |
| Oral Rehydration Salts (ORS)                                                            | Oral powder for solution       | WHO formulation                                  |
| Zinc sulphate                                                                           | Tablet, dispersible            | 20mg                                             |
| <b>Neglected Tropical Diseases</b>                                                      |                                |                                                  |
| Albendazole                                                                             | Tablet, chewable               | 400mg                                            |
| Mebendazole                                                                             | Tablet                         | 100mg                                            |
| Diethylcarbamazine citrate                                                              | Tablet                         | 50mg                                             |
| Ivermectin                                                                              | Tablet                         | 6mg                                              |
| Praziquantel                                                                            | Tablet                         | 600mg                                            |
| <b>Reproductive, Maternal and Neonatal Health Commodities</b>                           |                                |                                                  |
| Condoms (male)                                                                          | Latex                          | -                                                |
| Condoms (female)                                                                        | Polyurethane, latex or nitrile | -                                                |
| Ethinylestradiol + levonorgestrel                                                       | Tablet                         | 30µg + 150µg                                     |
| Levonorgestrel (emergency contraception)                                                | Tablet                         | 1.5mg                                            |
| Misoprostol                                                                             | Tablet                         | 200µg                                            |
|                                                                                         | Vaginal tablet                 | 25µg                                             |
| Ferrous sulphate + Folic acid                                                           | Tablet, coated                 | 200mg (60mg iron)+0.4mg                          |
| Chlorhexidine digluconate                                                               | Gel                            | 7.1% (equivalent to 4% chlorhexidine), 10ml tube |
| Tetracycline                                                                            | Eye ointment                   | 1%                                               |

## 9. Antimicrobial stewardship; Access, Watch, Reserve (AWaRe) classification

The Ministry of Health, South Sudan has adopted the recommendation by the WHO "Expert Committee on Selection and Use of Essential Medicines" and hereby pledges implement the Access, Watch and Reserve (AWaRe) categorization of antibiotics in efforts to slow antimicrobial resistance (AMR). "Access" antibiotics should be widely available, affordable and quality-assured as their regular and prolonged shortages of is a threat to responsible antibiotic use, forcing clinicians to use broader-spectrum antibiotics that are sometimes less efficacious and more toxic for patients. The "Watch" and "Reserve" groups will be focus for close monitoring of their consumption, development of guidelines and other educational activities. Table 4 below shows the antibiotics in their AWaRe classes and provides guidance on empirical treatment choices for clinical infection syndromes, stating first and second choice antibiotics. Application of this guidance will take in account local resistance patterns, patient features and clinical judgement.

**Table 4 WHO Access, Watch, Reserve (AWaRe) classification of antibiotics and choices for clinical infection syndromes**

| Antibiotic name, DF & STR                                                  | First choice                                                                                                                                                                                                                                                                                                                                                                                                                          | Second choice                                                                                                                                                           |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Access group</b>                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                         |
| Beta lactam antibiotics                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                         |
| Amoxicillin,<br>Dispersible<br>tablet 250mg<br>Capsule,<br>250mg,<br>500mg | <ul style="list-style-type: none"> <li>• Mild to moderate community acquired pneumonia</li> <li>• Exacerbations of COPD</li> <li>• Lower urinary tract infections</li> <li>• Otitis media</li> <li>• Pharyngitis</li> <li>• Sinusitis</li> <li>• Severe community acquired pneumonia in children</li> <li>• Uncomplicated and complicated severe acute malnutrition in children</li> <li>• Sepsis in neonates and children</li> </ul> | <ul style="list-style-type: none"> <li>• Acute bacterial meningitis</li> </ul>                                                                                          |
| Amoxicillin +<br>clavulanic acid<br>Tablet,<br>500mg +<br>125mg            | <ul style="list-style-type: none"> <li>• Severe community acquired pneumonia in children</li> <li>• Mild to moderate complicated intra-abdominal infections</li> <li>• Exacerbations of COPD</li> <li>• Hospital acquired pneumonia</li> <li>• Low-risk febrile neutropenia</li> <li>• Lower urinary tract infections</li> <li>• Sinusitis</li> <li>• Skin and soft tissue infections</li> </ul>                                      | <ul style="list-style-type: none"> <li>• Bone and joint infections</li> <li>• Mild, moderate and severe community acquired pneumonia</li> <li>• Otitis media</li> </ul> |
| Ampicillin<br><br>Powder of<br>injection,<br>500mg                         | <ul style="list-style-type: none"> <li>• Severe community acquired pneumonia in children</li> <li>• Complicated severe acute malnutrition in children</li> <li>• Sepsis in neonates and children</li> </ul>                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>• Acute bacterial meningitis</li> </ul>                                                                                          |
| Benzathine<br>benzylpenicillin                                             | <ul style="list-style-type: none"> <li>• Syphilis</li> </ul>                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                         |

| Antibiotic name, DF & STR                                                      | First choice                                                                                                                                                                                                            | Second choice                                                                                                                                               |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Powder for injection, 1.2MU, 2.4MU                                             |                                                                                                                                                                                                                         |                                                                                                                                                             |
| Benzyloxyphenylpenicillin<br>Powder for injection, 600mg                       | <ul style="list-style-type: none"> <li>Severe community acquired pneumonia in children</li> <li>Complicated severe acute malnutrition in children</li> <li>Sepsis in neonates and children</li> <li>Syphilis</li> </ul> | <ul style="list-style-type: none"> <li>In children</li> <li>Acute bacterial meningitis</li> </ul>                                                           |
| Cefalexin<br>Capsules, 250mg                                                   | <ul style="list-style-type: none"> <li></li> </ul>                                                                                                                                                                      | <ul style="list-style-type: none"> <li>Exacerbations of COPD</li> <li>Pharyngitis</li> <li>Skin and soft tissue infections</li> </ul>                       |
| Cloxacillin<br>Capsule, 500mg<br>Powder for injection, 500mg                   | <ul style="list-style-type: none"> <li>Bone and joint infections</li> <li>Skin and soft tissue infections</li> </ul>                                                                                                    | <ul style="list-style-type: none"> <li>Sepsis in neonates and children</li> </ul>                                                                           |
| Phenoxymethylpenicillin<br>Tablet, 250mg                                       | <ul style="list-style-type: none"> <li>Mild to moderate community acquired pneumonia</li> </ul>                                                                                                                         |                                                                                                                                                             |
| Procaine benzylpenicillin<br>Powder for injection, 4MU                         | <ul style="list-style-type: none"> <li>Syphilis</li> </ul>                                                                                                                                                              | <ul style="list-style-type: none"> <li>Syphilis</li> </ul>                                                                                                  |
| <b>Other antibacterial medicines</b>                                           |                                                                                                                                                                                                                         |                                                                                                                                                             |
| Chloramphenicol<br>Capsule 250mg,<br>Powder for injection 1g                   |                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Acute bacterial meningitis</li> </ul>                                                                                |
| Cotrimoxazole (Sulfamethoxazole + trimethoprim)<br>Tablet, 120mg, 480mg, 960mg | <ul style="list-style-type: none"> <li>Lower urinary tract infections</li> </ul>                                                                                                                                        | <ul style="list-style-type: none"> <li>Acute invasive diarrhea/bacterial dysentery</li> </ul>                                                               |
| Doxycycline<br>Tablet 100mg                                                    | <ul style="list-style-type: none"> <li>Chlamydia trachomatis</li> <li>Cholera</li> </ul>                                                                                                                                | <ul style="list-style-type: none"> <li>Cholera in children</li> <li>Mild to moderate community acquired pneumonia</li> <li>Exacerbations of COPD</li> </ul> |
| Gentamicin<br>Injection 40mg/ml                                                | <ul style="list-style-type: none"> <li>Severe community acquired pneumonia in children</li> <li>Complicated severe acute malnutrition in children</li> </ul>                                                            | <ul style="list-style-type: none"> <li>Neisseria gonorrhoeae</li> </ul>                                                                                     |

| Antibiotic name, DF & STR                                                              | First choice                                                                                                                                                                                                                                                                                                          | Second choice                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                        | <ul style="list-style-type: none"> <li>Sepsis in neonates and children</li> </ul>                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                   |
| Metronidazole<br>IV infusion,<br>5mg/ml<br>Tablet<br>200mg<br>Oral liquid<br>200mg/5ml | <ul style="list-style-type: none"> <li>Clostridium difficile infection</li> <li>Mild, moderate and severe complicated intra-abdominal infections</li> <li>Trichomonas vaginalis</li> </ul>                                                                                                                            | <ul style="list-style-type: none"> <li>Mild to moderate complicated intra-abdominal infections</li> </ul>                                                                                                                         |
| Nitrofurantoin<br>Tablet<br>100mg                                                      | <ul style="list-style-type: none"> <li>Lower urinary tract infections</li> </ul>                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li></li> </ul>                                                                                                                                                                                |
| Amikacin<br>Injection<br>250mg/ml                                                      | <ul style="list-style-type: none"> <li>Severe pyelonephritis or prostatitis</li> </ul>                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>High-risk febrile neutropenia'</li> <li>Sepsis in neonates and children</li> </ul>                                                                                                         |
| Clindamycin<br>Injection<br>150mg/ml                                                   | <ul style="list-style-type: none"> <li></li> </ul>                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>Bone and joint infections</li> </ul>                                                                                                                                                       |
| <b>Watch group</b>                                                                     |                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                   |
| Azithromycin<br>Capsule,<br>250mg<br>Oral<br>suspension20<br>0mg/5ml                   | <ul style="list-style-type: none"> <li>Chlamydia trachomatis</li> <li>Neisseria gonorrhoeae</li> <li>Cholera in children</li> </ul>                                                                                                                                                                                   | <ul style="list-style-type: none"> <li>Acute invasive bacterial diarrhea/dysentery</li> </ul>                                                                                                                                     |
| Cefixime<br>Powder for<br>oral solution,<br>100mg/5ml                                  | <ul style="list-style-type: none"> <li></li> </ul>                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>Acute invasive bacterial diarrhea/dysentery</li> <li>Neisseria gonorrhoeae</li> </ul>                                                                                                      |
| Ceftriaxone<br>Powder for<br>injection, 1g                                             | <ul style="list-style-type: none"> <li>Acute bacterial meningitis</li> <li>Severe community acquired pneumonia</li> <li>Mild, moderate and severe complicated intra-abdominal infections</li> <li>Hospital acquired pneumonia</li> <li>Neisseria gonorrhoeae</li> <li>Severe pyelonephritis or prostatitis</li> </ul> | <ul style="list-style-type: none"> <li>Acute invasive bacterial diarrhea/dysentery</li> <li>Bone and joint infections</li> <li>Mild to moderate pyelonephritis or prostatitis</li> <li>Sepsis in neonates and children</li> </ul> |
| Ciprofloxacin<br>Tablet<br>500mg<br>Solution for IV<br>infusion                        | <ul style="list-style-type: none"> <li>Acute invasive bacterial diarrhea/dysentery</li> <li>Low-risk febrile neutropenia</li> <li>Mild to moderate pyelonephritis or prostatitis</li> </ul>                                                                                                                           | <ul style="list-style-type: none"> <li>Cholera</li> <li>Mild to moderate complicated intra-abdominal infections</li> </ul>                                                                                                        |
| Erythromycin<br>Tablet,<br>scored<br>250mg                                             | <ul style="list-style-type: none"> <li>Severe community acquired pneumonia</li> </ul>                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>Pharyngitis</li> </ul>                                                                                                                                                                     |
| Meropenem<br>Powder for<br>injection,<br>500mg                                         |                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"> <li>Acute bacterial meningitis in neonates</li> <li>Severe complicated intra-abdominal infections</li> <li>High risk febrile</li> </ul>                                                        |



| Antibiotic name, DF & STR                   | First choice | Second choice                                                                                                                |
|---------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------|
|                                             |              | neutropenia                                                                                                                  |
| Vancomycin<br>Powder for injection<br>250mg |              | <ul style="list-style-type: none"> <li>• Clostridium difficile infection</li> <li>• High risk febrile neutropenia</li> </ul> |
| Levofloxacin<br>Tablet<br>250mg             |              | <ul style="list-style-type: none"> <li>• Second-line drugs for the treatment of multi-drug resistant tuberculosis</li> </ul> |
| Moxifloxacin<br>Tablet<br>400mg             |              | <ul style="list-style-type: none"> <li>• Second-line drugs for the treatment of multi-drug resistant tuberculosis</li> </ul> |
| <b>Reserve group</b>                        |              |                                                                                                                              |
| Linezolid<br>Tablet<br>600mg                |              | <ul style="list-style-type: none"> <li>• Second-line drugs for the treatment of multi-drug resistant tuberculosis</li> </ul> |

## Section B - Essential Medicines List 2018

| MEDICINE                                                       | DOSAGE FORM           | STRENGTH                                           | PHCU     | PHCC     | HOSP     | REF      |
|----------------------------------------------------------------|-----------------------|----------------------------------------------------|----------|----------|----------|----------|
| <b>1. ANAESTHETICS</b>                                         |                       |                                                    |          |          |          |          |
| <b>1.1 General anaesthetics and oxygen</b>                     |                       |                                                    |          |          |          |          |
| <b>1.1.1 Inhalational medicines</b>                            |                       |                                                    |          |          |          |          |
| Halothane                                                      | Liquid for inhalation | 100%                                               |          |          | <b>X</b> | <b>X</b> |
| Isoflurane                                                     | Liquid for inhalation | 99.9%                                              |          |          |          | <b>X</b> |
| Oxygen                                                         | Medical gas           |                                                    |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                    |                       |                                                    |          |          |          |          |
| Nitrous oxide                                                  | Inhalation            | 99.9%                                              |          |          |          | <b>X</b> |
| <b>1.1.2 Injectable medicines</b>                              |                       |                                                    |          |          |          |          |
| Ketamine hydrochloride                                         | Injection             | 50mg/ml                                            |          |          | <b>X</b> | <b>X</b> |
| Propofol                                                       | Injection             | 10mg/ml                                            |          |          | <b>X</b> | <b>X</b> |
| Thiopental                                                     | Powder for injection  | 500mg                                              |          |          | <b>X</b> | <b>X</b> |
| <b>1.2 Local anaesthetics</b>                                  |                       |                                                    |          |          |          |          |
| Bupivacaine hydrochloride                                      | Injection             | 0.5%                                               |          |          | <b>X</b> | <b>X</b> |
| Lidocaine (Lignocaine)                                         | Injection             | 1% in 20ml vial<br>2% in vial<br>5% in 2ml ampoule |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Lidocaine + adrenaline                                         | Injection             | 1% + 1:200,000                                     |          |          |          | <b>X</b> |
| <b>1.3 Preoperative and sedation for short-term procedures</b> |                       |                                                    |          |          |          |          |
| Atropine                                                       | Injection             | 1mg/ml                                             |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Diazepam                                                       | Rectal tube           | 2mg/ml                                             | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Diazepam                                                       | Injection             | 5 mg/ml                                            |          | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                                      | DOSAGE FORM            | STRENGTH              | PHCU     | PHCC     | HOSP     | REF      |
|-------------------------------------------------------------------------------|------------------------|-----------------------|----------|----------|----------|----------|
| Morphine sulfate or hydrochloride                                             | Injection              | 10mg in 1ml ampoule   |          |          |          | <b>X</b> |
| Fentanyl citrate                                                              | Injection              | 50 µg/ml, 2ml ampoule |          |          | <b>X</b> | <b>X</b> |
| <b>2. MEDICINES FOR PAIN AND PALLIATIVE CARE</b>                              |                        |                       |          |          |          |          |
| <b>2.1 Non-opioids and non-steroidal anti-inflammatory medicines (NSAIMS)</b> |                        |                       |          |          |          |          |
| Diclofenac                                                                    | Tablet, Enteric coated | 25mg, 50mg            |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Diclofenac                                                                    | Injection              | 25mg/ml               |          |          | <b>X</b> | <b>X</b> |
| Ibuprofen                                                                     | Tablet                 | 200mg, 400mg          |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Ibuprofen                                                                     | Oral liquid            | 200mg/5 ml            |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Paracetamol                                                                   | Tablet, dispersible    | 100mg                 | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Paracetamol                                                                   | Tablet                 | 500mg, 125mg          | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Paracetamol                                                                   | Oral liquid            | 125mg/5 ml            | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Paracetamol                                                                   | Suppository            | 125mg                 | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>2.2 Opioid analgesics</b>                                                  |                        |                       |          |          |          |          |
| Codeine phosphate                                                             | Tablet                 | 30mg                  |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Morphine                                                                      | Oral solution          | 10mg/5ml              |          |          | <b>X</b> | <b>X</b> |
| Pethidine                                                                     | Injection              | 50mg/ml               |          |          | <b>X</b> | <b>X</b> |
| Tramadol                                                                      | Capsules               | 50mg                  |          |          | <b>X</b> | <b>X</b> |
| Tramadol                                                                      | Injection              | 50mg/ml               |          |          | <b>X</b> | <b>X</b> |
|                                                                               |                        |                       |          |          |          |          |

| MEDICINE                                                   | DOSAGE FORM          | STRENGTH | PHCU     | PHCC     | HOSP     | REF      |
|------------------------------------------------------------|----------------------|----------|----------|----------|----------|----------|
| <b>3. ANTI-ALLERGICS AND MEDICINES USED IN ANAPHYLAXIS</b> |                      |          |          |          |          |          |
| Chlorphenamine maleate                                     | Tablet               | 4mg      | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Dexamethasone                                              | Tablet               | 4mg      |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Dexamethasone                                              | Injection            | 4mg/ml   |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Epinephrine (adrenaline)                                   | Injection            | 1mg/ml   |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Hydrocortisone sodium succinate                            | Powder for injection | 100mg    |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Loratadine                                                 | Tablet               | 10mg     |          |          | <b>X</b> | <b>X</b> |
| Prednisolone                                               | Tablet               | 5mg      |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>4. ANTIDOTES</b>                                        |                      |          |          |          |          |          |
| <b>4.1 Non-specific antidotes</b>                          |                      |          |          |          |          |          |
| Charcoal, activated                                        | Tablet               | 250mg    | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>4.1 Specific antidotes</b>                              |                      |          |          |          |          |          |
| Acetylcysteine                                             | Injection            | 200mg/ml |          |          | <b>X</b> | <b>X</b> |
| Atropine                                                   | Injection            | 1mg/ml   |          |          | <b>X</b> | <b>X</b> |
| Calcium gluconate                                          | Injection            | 100mg/ml |          |          | <b>X</b> | <b>X</b> |
| Naloxone                                                   | Injection            | 400µg/ml |          |          | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                |                      |          |          |          |          |          |
| Deferoxamine                                               | Powder for injection | 500mg    |          |          |          | <b>X</b> |
| Dimercaprol                                                | Injection            | 50mg/ml  |          |          |          | <b>X</b> |
| Methylthioninium chloride (methylene blue)                 | Injection            | 10mg/ml  |          |          | <b>X</b> | <b>X</b> |
| Penicillamine                                              | Tablet               | 250mg    |          |          |          | <b>X</b> |

| MEDICINE                                     | DOSAGE FORM            | STRENGTH     | PHCU     | PHCC     | HOSP     | REF      |
|----------------------------------------------|------------------------|--------------|----------|----------|----------|----------|
| Pralidoxime                                  | Powder for injection   | 1g           |          |          |          | <b>X</b> |
| Sodium nitrite                               | Injection              | 30mg/ml      |          |          |          | <b>X</b> |
| Sodium thiosulfate                           | Injection              | 250mg/ml     |          |          |          | <b>X</b> |
| <b>5. ANTIEPILEPTICS AND ANTICONVULSANTS</b> |                        |              |          |          |          |          |
| Carbamazepine                                | Tablet, scored         | 200mg        |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Carbamazepine                                | Tablet, chewable       | 100mg        |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Diazepam                                     | Rectal tube            | 2mg/ml       | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Diazepam                                     | Injection              | 5mg/ml       |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Ethosuximide                                 | Capsules               | 250mg        |          |          | <b>X</b> | <b>X</b> |
| Magnesium sulphate                           | Injection              | 500mg/ml     |          |          | <b>X</b> | <b>X</b> |
| Phenobarbital                                | Tablet                 | 30mg         |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Phenobarbital                                | Injection              | 200mg/ml     |          |          | <b>X</b> | <b>X</b> |
| Phenytoin                                    | Injection              | 50mg/ml      |          |          |          | <b>X</b> |
| Phenytoin                                    | Tablet                 | 50mg         |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Phenytoin                                    | Tablet                 | 100mg        |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Valproate                                    | Tablet, enteric coated | 200mg, 500mg |          |          |          | <b>X</b> |
| Valproate                                    | Tablet, Crushable      | 100mg        |          |          | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                  |                        |              |          |          |          |          |
| Lamotrigine                                  | Tablet                 | 25mg         |          |          |          | <b>X</b> |
| <b>6. ANTI-INFECTIVE MEDICINES</b>           |                        |              |          |          |          |          |
| <b>6.1 Anthelmintics</b>                     |                        |              |          |          |          |          |
| <b>6.1.1 Intestinal anthelmintics</b>        |                        |              |          |          |          |          |

| MEDICINE                           | DOSAGE FORM            | STRENGTH                       | PHCU     | PHCC     | HOSP     | REF      |
|------------------------------------|------------------------|--------------------------------|----------|----------|----------|----------|
| Albendazole                        | Tablet (Chewable)      | 400mg                          | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Albendazole                        | Oral suspension        | 400mg/5 ml                     | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Mebendazole                        | Tablet                 | 100mg, 500mg                   | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Niclosamide                        | Tablet                 | 500mg                          |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>6.1.2 Antifilarials</b>         |                        |                                |          |          |          |          |
| Diethylcarbamazine citrate         | Tablet                 | 50mg                           |          |          | <b>X</b> | <b>X</b> |
| Ivermectin                         | Tablet                 | 6mg                            |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>6.1.3 Antischistosomes</b>      |                        |                                |          |          |          |          |
| Praziquantel                       | Tablet                 | 600mg                          |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>6.2 Antibacterials</b>          |                        |                                |          |          |          |          |
| <b>6.2.1 Beta-lactam medicines</b> |                        |                                |          |          |          |          |
| Amoxicillin                        | Powder for oral liquid | 250mg/5 ml                     |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Amoxicillin                        | Tablet (Dispersible)   | 250mg                          | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Amoxicillin                        | Capsule                | 250mg, 500mg                   | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Amoxicillin + clavulanic acid      | Tablet                 | 500mg + 125mg                  |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Amoxicillin + clavulanic acid      | Powder for oral liquid | 125mg + 31.25mg                |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Ampicillin                         | Powder for injection   | 500mg, 1g                      |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Benzathine benzylpenicillin        | Powder for injection   | 1.2million IU<br>2.4million IU |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Benzylpenicillin                   | Powder for injection   | 600mg, 3g                      |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Cefalexin                          | Capsules               | 250mg, 500mg                   |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Cefixime                           | Tablet                 | 200mg, 400mg                   |          | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                         | DOSAGE FORM                    | STRENGTH                                | PHCU     | PHCC     | HOSP     | REF      |
|--------------------------------------------------|--------------------------------|-----------------------------------------|----------|----------|----------|----------|
| Cefixime                                         | Dry powder for oral suspension | 100mg/5 ml                              |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Ceftriaxone                                      | Powder for injection           | 250mg, 1g                               |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Cloxacillin                                      | Capsule                        | 250mg, 500mg                            |          |          | <b>X</b> | <b>X</b> |
| Cloxacillin                                      | Powder for injection           | 500mg                                   |          |          | <b>X</b> | <b>X</b> |
| Ampicillin + Cloxacillin                         | Capsules                       | 250mg + 250mg                           |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Phenoxymethylpenicillin                          | Tablet                         | 250mg                                   |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Procaine benzylpenicillin forte                  | Powder for injection           | 1g, 3g                                  |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>6.2.2 Other antibacterial medicines</b>       |                                |                                         |          |          |          |          |
| Azithromycin                                     | Capsule, Tablet                | 250mg, 500mg                            |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Azithromycin                                     | Oral suspension                | 200mg/5 ml                              |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Chloramphenicol                                  | Powder for injection           | 1g                                      |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Chloramphenicol                                  | Capsule                        | 250mg                                   |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Ciprofloxacin                                    | Tablet                         | 250mg, 500mg                            |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Cotrimoxazole (Sulphamethoxazole + trimethoprim) | Tablet                         | 100mg+20mg<br>400mg+80mg<br>800mg+160mg | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Cotrimoxazole (Sulphamethoxazole + trimethoprim) | Oral liquid                    | (200mg+40mg)/5ml                        | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Doxycycline                                      | Capsules                       | 100mg                                   |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Erythromycin                                     | Tablet (scored)                | 250mg                                   |          |          | <b>X</b> | <b>X</b> |

| MEDICINE                                                        | DOSAGE FORM              | STRENGTH              | PHCU | PHCC | HOSP | REF |
|-----------------------------------------------------------------|--------------------------|-----------------------|------|------|------|-----|
| Erythromycin                                                    | Oral suspension          | 125mg/5 ml            |      |      | X    | X   |
| Gentamicin                                                      | Injection                | 40mg/ml, 10mg/ml      |      | X    | X    | X   |
| Metronidazole                                                   | IV infusion              | 5mg/ml                |      | X    | X    | X   |
| Metronidazole                                                   | Tablet                   | 200mg, 250mg          | X    | X    | X    | X   |
| Metronidazole                                                   | Oral liquid              | 200mg/5ml             | X    | X    | X    | X   |
| Nitrofurantoin                                                  | Tablet                   | 100mg                 |      | X    | X    | X   |
| <b>Specialist medicines</b>                                     |                          |                       |      |      |      |     |
| Amikacin sulfate                                                | Injection                | 250mg/ml              |      |      |      | X   |
| Ampicillin + Cloxacillin                                        | Powder for injection     | 250mg + 250mg         |      |      | X    | X   |
| Ciprofloxacin                                                   | Solution for IV infusion | 2mg/ml                |      |      | X    | X   |
| Clindamycin phosphate                                           | Injection                | 150mg/ml              |      |      |      | X   |
| Meropenem                                                       | Powder for injection     | 500mg                 |      |      |      | X   |
| Vancomycin hydrochloride                                        | Powder for injection     | 250mg vial            |      |      |      | X   |
| <b>6.2.3 ANTILEPROSY MEDICINES (ALWAYS USED IN COMBINATION)</b> |                          |                       |      |      |      |     |
| Rifampicin + clofazimine + dapsone                              | Tablet, Blister          | 600mg + 300mg + 100mg |      | X    | X    | X   |
| Rifampicin + clofazimine + dapsone                              | Tablet, Blister          | 450mg + 150mg + 50mg  |      | X    | X    | X   |
| Rifampicin + dapsone                                            | Tablet, Blister          | 600mg + 100mg         |      | X    | X    | X   |
| Rifampicin + dapsone                                            | Tablet, Blister          | 450mg + 50mg          |      | X    | X    | X   |
| <b>Specialist medicines</b>                                     |                          |                       |      |      |      |     |
| Clofazimine                                                     | Tablet                   | 50mg                  |      |      |      | X   |



| MEDICINE                                                             | DOSAGE FORM          | STRENGTH                     | PHCU | PHCC     | HOSP     | REF      |
|----------------------------------------------------------------------|----------------------|------------------------------|------|----------|----------|----------|
| Dapsone                                                              | Tablet               | 50mg,<br>100mg               |      |          |          | <b>X</b> |
| Rifampicin                                                           | Tablet               | 150mg                        |      |          |          | <b>X</b> |
| <b>6.2.4 Antituberculosis medicines (Always used in combination)</b> |                      |                              |      |          |          |          |
| Ethambutol + isoniazid                                               | Tablet               | 400mg + 150mg                |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Rifampicin + isoniazid                                               | Tablet, dispersible  | 75mg + 50mg                  |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Rifampicin + isoniazid                                               | Tablet               | 150mg + 75mg                 |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Rifampicin + isoniazid                                               | Tablet               | 300mg + 150mg                |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Rifampicin + isoniazid + pyrazinamide                                | Tablet, dispersible  | 75mg + 50mg + 150mg          |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Rifampicin + isoniazid + ethambutol                                  | Tablet               | 150mg+ 75mg+ 275mg           |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Rifampicin + isoniazid + pyrazinamide + ethambutol                   | Tablet               | 150mg + 75mg + 400mg + 275mg |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                          |                      |                              |      |          |          |          |
| Amikacin                                                             | Powder for injection | 500mg vial                   |      |          | <b>X</b> | <b>X</b> |
| Bedaquiline                                                          | Tablet               | 100mg                        |      |          | <b>X</b> | <b>X</b> |
| Capreomycin                                                          | Powder for injection | 1g vial                      |      |          | <b>X</b> | <b>X</b> |
| Cycloserine                                                          | Capsule              | 250mg                        |      |          | <b>X</b> | <b>X</b> |
| Ethambutol                                                           | Tablet               | 400mg                        |      |          | <b>X</b> | <b>X</b> |
| Ethionamide                                                          | Tablet               | 125mg, 250mg                 |      |          | <b>X</b> | <b>X</b> |
| Isoniazid                                                            | Tablet               | 300mg                        |      |          | <b>X</b> | <b>X</b> |
| Isoniazid                                                            | Tablet, dispersible  | 100mg                        |      |          | <b>X</b> | <b>X</b> |

| MEDICINE                          | DOSAGE FORM          | STRENGTH           | PHCU     | PHCC     | HOSP     | REF      |
|-----------------------------------|----------------------|--------------------|----------|----------|----------|----------|
| Kanamycin                         | Powder for injection | 1g vial            |          |          | <b>X</b> | <b>X</b> |
| Levofloxacin                      | Tablet               | 250mg              |          |          | <b>X</b> | <b>X</b> |
| Linezolid                         | Tablet               | 600mg              |          |          | <b>X</b> | <b>X</b> |
| Moxifloxacin                      | Tablet               | 400mg              |          |          | <b>X</b> | <b>X</b> |
| p-aminosalicylic acid             | Tablet               | 500mg              |          |          | <b>X</b> | <b>X</b> |
| Pyrazinamide                      | Tablet               | 400mg              |          |          | <b>X</b> | <b>X</b> |
| Rifabutin                         | Capsule              | 150mg              |          |          | <b>X</b> | <b>X</b> |
| Streptomycin                      | Powder for injection | 1g                 |          |          | <b>X</b> | <b>X</b> |
| <b>6.3 Antifungal medicines</b>   |                      |                    |          |          |          |          |
| Clotrimazole                      | Pessary              | 200mg, 500mg       | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Fluconazole                       | Capsule, Tablet      | 50mg, 100mg, 200mg |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Griseofulvin                      | Tablet               | 125mg 500mg        |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Nystatin                          | Pessary              | 100,000IU          | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Nystatin                          | Oral suspension      | 100,000 IU/ml      | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Nystatin                          | Tablet               | 100,000IU          | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>       |                      |                    |          |          |          |          |
| Amphotericin B                    | Powder for injection | 50mg vial          |          |          | <b>X</b> | <b>X</b> |
| Fluconazole                       | Injection            | 2mg/ml, 100ml      |          |          |          | <b>X</b> |
| Flucytosine                       | Injection            | 10mg/ml            |          |          |          | <b>X</b> |
| Itraconazole                      | Capsule              | 100mg              |          |          |          | <b>X</b> |
| <b>6.4 Antiviral medicines</b>    |                      |                    |          |          |          |          |
| <b>6.4.1 Antiherpes medicines</b> |                      |                    |          |          |          |          |

| MEDICINE                                                              | DOSAGE FORM            | STRENGTH                  | PHCU | PHCC     | HOSP     | REF      |
|-----------------------------------------------------------------------|------------------------|---------------------------|------|----------|----------|----------|
| Aciclovir                                                             | Tablet                 | 200mg                     |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>6.4.2 Antiretrovirals</b>                                          |                        |                           |      |          |          |          |
| <b>6.4.2.1 Nucleoside/Nucleotide reverse transcriptase inhibitors</b> |                        |                           |      |          |          |          |
| Abacavir sulfate                                                      | Tablet                 | 300 mg                    |      |          |          | <b>X</b> |
| Abacavir                                                              | Tablet,<br>Dispersible | 60 mg                     |      |          |          | <b>X</b> |
| Lamivudine                                                            | Tablet                 | 150 mg                    |      |          |          | <b>X</b> |
| Tenofovir                                                             | Tablet                 | 300 mg                    |      |          |          | <b>X</b> |
| Zidovudine                                                            | Tablet                 | 100mg,<br>300 mg          |      |          |          | <b>X</b> |
| <b>6.4.2.2 Non-nucleoside reverse transcriptase inhibitors</b>        |                        |                           |      |          |          |          |
| Efavirenz                                                             | Tablet,<br>Capsule     | 600 mg,<br>200mg,<br>50mg |      |          |          | <b>X</b> |
| Nevirapine                                                            | Suspension             | 10 mg/ml                  |      |          |          | <b>X</b> |
| Nevirapine                                                            | Tablet                 | 50 mg                     |      |          |          | <b>X</b> |
| Nevirapine                                                            | Tablet                 | 200 mg                    |      |          |          | <b>X</b> |
| <b>6.4.2.3 Protease inhibitors</b>                                    |                        |                           |      |          |          |          |
| Atazanavir +<br>(Ritonavir)                                           | Tablet                 | 300 mg +<br>(100 mg)      |      |          |          | <b>X</b> |
| Darunavir +<br>(Ritonavir)                                            | Tablet                 | 75 mg +<br>(100 mg)       |      |          |          | <b>X</b> |
| Darunavir<br>(+Ritonavir)                                             | Tablet                 | 600 mg +<br>(100 mg)      |      |          |          | <b>X</b> |
| Lopinavir<br>(+ Ritonavir)                                            | Pellets<br>/Capsule    | 40 mg +<br>10 mg/ml       |      |          |          | <b>X</b> |
| Lopinavir<br>(+ ritonavir)                                            | Tablet                 | 100 mg +<br>25 mg         |      |          |          | <b>X</b> |
| Lopinavir<br>(+ Ritonavir)                                            | Tablet                 | 200 mg +<br>50 mg         |      |          |          | <b>X</b> |

| MEDICINE                                    | DOSAGE FORM                       | STRENGTH                       | PHCU | PHCC     | HOSP     | REF      |
|---------------------------------------------|-----------------------------------|--------------------------------|------|----------|----------|----------|
| <b>Specialist medicines</b>                 |                                   |                                |      |          |          |          |
| Ritonavir                                   | Tablet                            | 25mg,<br>100 mg                |      |          |          | <b>X</b> |
| <b>6.4.2.4 Integrase inhibitors</b>         |                                   |                                |      |          |          |          |
| Dolutegravir                                | Tablet                            | 50 mg                          |      |          |          | <b>X</b> |
| Raltegravir                                 | Tablet<br>(chewable)              | 100 mg                         |      |          |          | <b>X</b> |
| Raltegravir                                 | tablet                            | 400 mg                         |      |          |          | <b>X</b> |
| <b>FIXED-DOSE COMBINATIONS (FDC)</b>        |                                   |                                |      |          |          |          |
| Abacavir +<br>Lamivudine                    | Tablet,<br>dispersible,<br>scored | 120 mg +<br>60 mg              |      |          | <b>X</b> | <b>X</b> |
| Abacavir +<br>Lamivudine                    | Tablet                            | 600 mg +<br>300 mg             |      |          | <b>X</b> | <b>X</b> |
| Abacavir +<br>Lamivudine +<br>Zidovudine    | Tablet                            | 300mg +<br>300mg +<br>150mg    |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Tenofovir +<br>Lamivudine                   | Tablet                            | 300 mg +<br>300 mg             |      |          | <b>X</b> | <b>X</b> |
| Tenofovir +<br>Lamivudine +<br>Dolutegravir | Tablet                            | 300mg +<br>300mg +<br>50mg     |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Tenofovir +<br>Lamivudine +<br>Efavirenz    | Tablet                            | 300 mg +<br>300 mg +<br>600 mg |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Zidovudine +<br>Lamivudine                  | Tablet                            | 300 mg +<br>150 mg             |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Zidovudine +<br>Lamivudine                  | Tablet                            | 60 mg +<br>30 mg               |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Zidovudine +<br>Lamivudine +<br>Nevirapine  | Tablet                            | 300 mg +<br>150 mg +<br>200 mg |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Zidovudine +<br>Lamivudine +<br>Nevirapine  | Tablet                            | 60 mg +<br>30 mg +<br>50 mg    |      | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                                        | DOSAGE FORM                   | STRENGTH                                | PHCU | PHCC     | HOSP     | REF      |
|---------------------------------------------------------------------------------|-------------------------------|-----------------------------------------|------|----------|----------|----------|
| <b>6.4.2.5 Medicines for prevention of HIV-related opportunistic infections</b> |                               |                                         |      |          |          |          |
| Isoniazid + pyridoxine + sulfamethoxazole + trimethoprim                        | Tablet, scored                | 300mg + 25mg + 800mg + 160mg            |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>6.4.3 Other antivirals</b>                                                   |                               |                                         |      |          |          |          |
| <b>Specialist medicines</b>                                                     |                               |                                         |      |          |          |          |
| Oseltamivir                                                                     | Capsule                       | 45mg, 75mg                              |      |          |          | <b>X</b> |
| <b>6.4.4 Antihepatitis medicines</b>                                            |                               |                                         |      |          |          |          |
| <b>6.4.4.1 Medicines for hepatitis B</b>                                        |                               |                                         |      |          |          |          |
| <b>6.4.4.1.1 Nucleoside/Nucleotide reverse transcriptase inhibitors</b>         |                               |                                         |      |          |          |          |
| Entecavir                                                                       | Tablet                        | 0.5mg                                   |      |          | <b>X</b> | <b>X</b> |
| Tenofovir (TDF)                                                                 | Tablet                        | 300mg                                   |      |          | <b>X</b> | <b>X</b> |
| <b>6.4.4.2 Medicines for hepatitis C</b>                                        |                               |                                         |      |          |          |          |
| Daclatasvir                                                                     | Tablet, film coated           | 30mg, 60mg                              |      |          | <b>X</b> | <b>X</b> |
| Sofosbuvir                                                                      | Tablet, film coated           | 400mg                                   |      |          | <b>X</b> | <b>X</b> |
| Sofosbuvir + Velpatasvir                                                        | Tablet                        | 400mg + 100mg                           |      |          | <b>X</b> | <b>X</b> |
| Sofosbuvir + Ledipasvir                                                         | Tablet, film coated           | 400mg + 90mg                            |      |          | <b>X</b> | <b>X</b> |
| Ribavirin                                                                       | Tablet, film coated, Capsules | 200mg, 400mg, 600mg                     |      |          | <b>X</b> | <b>X</b> |
| Ribavirin                                                                       | IV injection                  | 800mg in 10ml phosphate buffer solution |      |          | <b>X</b> | <b>X</b> |

| MEDICINE                                               | DOSAGE FORM          | STRENGTH                                         | PHCU     | PHCC     | HOSP     | REF      |
|--------------------------------------------------------|----------------------|--------------------------------------------------|----------|----------|----------|----------|
| Simeprevir                                             | Capsule              | 150mg                                            |          |          | <b>X</b> | <b>X</b> |
| <b>6.5 Antiprotozoal medicines</b>                     |                      |                                                  |          |          |          |          |
| <b>6.5.1 Antiamoebic and anti giardiasis medicines</b> |                      |                                                  |          |          |          |          |
| Metronidazole                                          | Tablet               | 200mg<br>250mg,                                  | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Metronidazole benzoate                                 | Oral suspension      | 200mg/5 ml                                       | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Tinidazole                                             | Tablet               | 500mg                                            |          |          | <b>X</b> | <b>X</b> |
| <b>6.5.2 Antileishmaniasis medicines</b>               |                      |                                                  |          |          |          |          |
| <b>Specialist medicines</b>                            |                      |                                                  |          |          |          |          |
| Liposomal Amphotericin B                               | Powder for injection | 50 mg vial                                       |          |          | <b>X</b> | <b>X</b> |
| Sodium stibogluconate                                  | Injection            | 100 mg/ml                                        |          |          | <b>X</b> | <b>X</b> |
| Paromomycin                                            | Injection            | 500mg/ml in 2ml vial                             |          |          | <b>X</b> | <b>X</b> |
| <b>6.5.3 Antimalarial medicines</b>                    |                      |                                                  |          |          |          |          |
| <b>6.5.3.1 For curative treatment</b>                  |                      |                                                  |          |          |          |          |
| Artemether                                             | Injection            | 20mg/ml<br>60mg/ml<br>80mg/ml                    |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Artemether + lumefantrine                              | Tablet               | 20mg + 120mg                                     |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Artesunate                                             | Injection            | 30mg/ml<br>60mg/ml<br>120mg/ml                   |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Artesunate                                             | Suppository          | 50mg<br>100mg                                    | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Artesunate + Amodiaquine                               | Tablet               | 25mg + 67.5mg,<br>50mg + 135mg,<br>100mg + 270mg | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                                               | DOSAGE FORM          | STRENGTH                                    | PHCU     | PHCC     | HOSP     | REF      |
|----------------------------------------------------------------------------------------|----------------------|---------------------------------------------|----------|----------|----------|----------|
| Dihydroartemisinin + piperazine                                                        | Tablet               | 40 mg + 320 mg                              |          |          | <b>X</b> | <b>X</b> |
| Primaquine diphosphate                                                                 | Tablet               | 7.5mg, 15mg                                 |          |          | <b>X</b> | <b>X</b> |
| Quinine                                                                                | Tablet               | 300mg                                       |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Quinine                                                                                | Injection            | 300mg/ml                                    |          |          | <b>X</b> | <b>X</b> |
| <b>6.5.3.1 For prophylaxis</b>                                                         |                      |                                             |          |          |          |          |
| Sulphadoxine + pyrimethamine                                                           | Tablet               | 500 mg + 25 mg                              | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Mefloquine                                                                             | Tablet               | 250 mg                                      |          |          |          | <b>X</b> |
| <b>6.5.4 Antipneumocystosis and antitoxoplasmosis medicines</b>                        |                      |                                             |          |          |          |          |
| Cotrimoxazole (Sulfamethoxazole + trimethoprim)                                        | Tablet               | 100mg + 20mg, 400 mg + 80mg, 800mg + 160 mg |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Dapsone                                                                                | Tablet               | 100 mg                                      |          |          | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                                            |                      |                                             |          |          |          |          |
| Pentamidine isethionate                                                                | Powder for injection | 300 mg                                      |          |          |          | <b>X</b> |
| Pyrimethamine                                                                          | Tablet               | 25 mg                                       |          |          | <b>X</b> | <b>X</b> |
| Sulfadiazine                                                                           | Tablet               | 500 mg                                      |          |          | <b>X</b> | <b>X</b> |
| <b>6.5.5 Antitrypanosomal medicines (African trypanosomiasis)</b>                      |                      |                                             |          |          |          |          |
| <b>6.5.5.1 Medicines for treatment of 1<sup>st</sup> stage African trypanosomiasis</b> |                      |                                             |          |          |          |          |
| <b>Specialist medicines</b>                                                            |                      |                                             |          |          |          |          |
| Pentamidine isethionate                                                                | Powder for injection | 200mg vial                                  |          |          |          | <b>X</b> |
| <b>6.5.5.2 Treatment of 2<sup>nd</sup> stage African trypanosomiasis</b>               |                      |                                             |          |          |          |          |

| MEDICINE                                                 | DOSAGE FORM                        | STRENGTH                            | PHCU | PHCC | HOSP     | REF      |
|----------------------------------------------------------|------------------------------------|-------------------------------------|------|------|----------|----------|
| <b>Specialist medicines</b>                              |                                    |                                     |      |      |          |          |
| Eflornithine                                             | Injection                          | 200mg/<br>ml,<br>100ml              |      |      |          | <b>X</b> |
| Melarsoprol                                              | Injection                          | 3.6%<br>solution,<br>5ml<br>ampoule |      |      |          | <b>X</b> |
| Nifurtimox                                               | Tablet                             | 120mg                               |      |      |          | <b>X</b> |
| <b>7. ANTIMIGRAINE MEDICINES</b>                         |                                    |                                     |      |      |          |          |
| <b>7.1 Treatment of acute attacks</b>                    |                                    |                                     |      |      |          |          |
| Acetylsalicylic acid                                     | Tablet                             | 300mg                               |      |      | <b>X</b> | <b>X</b> |
| Ergotamine                                               | Tablet                             | 1mg                                 |      |      | <b>X</b> | <b>X</b> |
| <b>7.2 Prophylaxis</b>                                   |                                    |                                     |      |      |          |          |
| Propranolol                                              | Tablet                             | 20mg                                |      |      | <b>X</b> | <b>X</b> |
| <b>8. ANTINEOPLASTIC AND IMMUNOSUPPRESSIVE MEDICINES</b> |                                    |                                     |      |      |          |          |
| <b>8.1 Immunosuppressive medicines</b>                   |                                    |                                     |      |      |          |          |
| <b>Specialist medicines</b>                              |                                    |                                     |      |      |          |          |
| Azathioprine                                             | Powder for<br>injection            | 100 mg                              |      |      |          | <b>X</b> |
| Azathioprine                                             | Tablet                             | 50 mg                               |      |      |          | <b>X</b> |
| Cyclosporin                                              | Tablet,<br>Capsules                | 25mg,<br>100mg                      |      |      |          | <b>X</b> |
| Cyclosporin                                              | Concentrat<br>e for IV<br>infusion | 50 mg/ml                            |      |      |          | <b>X</b> |
| <b>8.2 Cytotoxic and adjuvant medicines</b>              |                                    |                                     |      |      |          |          |
| <b>Specialist medicines</b>                              |                                    |                                     |      |      |          |          |
| Anastrozole                                              | Tablet                             | 1mg                                 |      |      |          | <b>X</b> |



| MEDICINE                        | DOSAGE FORM          | STRENGTH         | PHCU | PHCC | HOSP | REF      |
|---------------------------------|----------------------|------------------|------|------|------|----------|
| Bicalutamide                    | Tablet               | 50mg             |      |      |      | <b>X</b> |
| Bleomycin                       | Powder for injection | 15IU             |      |      |      | <b>X</b> |
| Calcium folinate (folinic acid) | Tablet               | 15mg             |      |      |      | <b>X</b> |
| Capecitabine                    | Tablet               | 500mg            |      |      |      | <b>X</b> |
| Calcium folinate (folinic acid) | Injection            | 10mg/ml          |      |      |      | <b>X</b> |
| Carboplatin                     | Injection            | 10 mg/ml         |      |      |      | <b>X</b> |
| Chlorambucil                    | Tablet               | 2 mg             |      |      |      | <b>X</b> |
| Cisplatin                       | Injection            | 1 mg/ml          |      |      |      | <b>X</b> |
| Cyclophosphamide                | Powder for injection | 200mg, 500mg, 1g |      |      |      | <b>X</b> |
| Cyclophosphamide                | Capsule              | 50mg, 100mg      |      |      |      | <b>X</b> |
| Cytarabine                      | Injection            | 20 mg/ml         |      |      |      | <b>X</b> |
| Dacarbazine                     | Powder for injection | 200 mg           |      |      |      | <b>X</b> |
| Dactinomycin                    | Powder For Injection | 500 µg           |      |      |      | <b>X</b> |
| Daunorubicin                    | Powder For Injection | 20 mg            |      |      |      | <b>X</b> |
| Docetaxel                       | Infusion             | 40 mg/ml         |      |      |      | <b>X</b> |
| Doxorubicin (adriamycin)        | Powder for injection | 50 mg            |      |      |      | <b>X</b> |
| Etoposide                       | Injection            | 20 mg/ml         |      |      |      | <b>X</b> |
| Filgrastim                      | Injection            | 300 µg/ml        |      |      |      | <b>X</b> |
| Fluorouracil                    | Injection            | 50 mg/ml         |      |      |      | <b>X</b> |

| MEDICINE                       | DOSAGE FORM            | STRENGTH          | PHCU | PHCC | HOSP | REF      |
|--------------------------------|------------------------|-------------------|------|------|------|----------|
| Gemcitabine                    | Powder for injection   | 1 g               |      |      |      | <b>X</b> |
| Goserelin                      | Injection              | 3.6mg,<br>10.8 mg |      |      |      | <b>X</b> |
| Goserelin                      | Implant                | 3.6 mg            |      |      |      | <b>X</b> |
| Hydroxycarbamide (hydroxyurea) | Capsule                | 500 mg            |      |      |      | <b>X</b> |
| Ifosfamide-Mesna               | Powder for injection   | 1 g               |      |      |      | <b>X</b> |
| Imatinib                       | Film-coated tablet     | 400mg             |      |      |      | <b>X</b> |
| L-asparaginase                 | Injection              | 10,000 IU         |      |      |      | <b>X</b> |
| Irinotecan                     | Infusion               | 20 mg/ml          |      |      |      | <b>X</b> |
| Mercaptopurine                 | Tablet                 | 50 mg             |      |      |      | <b>X</b> |
| Mustine                        | Powder for injection   | 10 mg             |      |      |      | <b>X</b> |
| Oxaliplatin                    | Injection              | 5 mg/ml           |      |      |      | <b>X</b> |
| Paclitaxel                     | Powder for injection   | 100 mg            |      |      |      | <b>X</b> |
| Procarbazine                   | Capsule                | 50 mg             |      |      |      | <b>X</b> |
| Rituximab                      | Concentrate for IV inf | 10 mg/ml          |      |      |      | <b>X</b> |
| Stilboestrol                   | Tablet                 | 5 mg              |      |      |      | <b>X</b> |
| Thalidomide                    | Capsule                | 50mg,<br>100mg    |      |      |      | <b>X</b> |
| Temozolamide                   | Capsule                | 250 mg            |      |      |      | <b>X</b> |
| Thioguanine                    | Tablet                 | 40 mg             |      |      |      | <b>X</b> |
| Vinblastine sulfate            | Powder for injection   | 2 mg              |      |      |      | <b>X</b> |
| Vinblastine sulfate            | Powder for injection   | 10 mg             |      |      |      | <b>X</b> |

| MEDICINE                             | DOSAGE FORM          | STRENGTH       | PHCU | PHCC     | HOSP     | REF      |
|--------------------------------------|----------------------|----------------|------|----------|----------|----------|
| <i>Vincristine</i>                   | <i>Injection</i>     | <i>1 mg/ml</i> |      |          |          | <b>X</b> |
|                                      |                      |                |      |          |          |          |
| <b>8.3 Hormones and antihormones</b> |                      |                |      |          |          |          |
| Betamethasone                        | Injection            | 4mg/ml         |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Dexamethasone                        | Injection            | 4mg            |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Hydrocortisone sodium succinate      | Powder for injection | 100mg          |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Prednisolone                         | Tablet               | 5mg            |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <i>Tamoxifen</i>                     | <i>Tablet</i>        | <i>20mg</i>    |      |          |          | <b>X</b> |

| MEDICINE                                         | DOSAGE FORM   | STRENGTH          | PHCU     | PHCC     | HOSP     | REF      |
|--------------------------------------------------|---------------|-------------------|----------|----------|----------|----------|
| <b>9. ANTI-PARKINSONISM MEDICINES</b>            |               |                   |          |          |          |          |
| Biperidine (Benzhexol)                           | Tablet        | 2mg               |          |          | <b>X</b> | <b>X</b> |
| Benztropine                                      | Injection     | 1mg/ml            |          |          | <b>X</b> | <b>X</b> |
| Levodopa + carbodopa                             | Tablet        | 100mg + 25mg      |          |          | <b>X</b> | <b>X</b> |
| <b>10. MEDICINES AFFECTING THE BLOOD</b>         |               |                   |          |          |          |          |
| <b>10.1 Antianaemia medicines</b>                |               |                   |          |          |          |          |
| Ferrous sulphate                                 | Tablet        | 60mg iron         |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Ferrous sulphate + folic acid                    | Tablet        | 60mg iron + 400µg | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Ferrous sulphate paediatric                      | Oral solution | 25mg iron /ml     |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Folic acid                                       | Tablet        | 0.4mg, 1mg, 5mg   |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Hydroxocobalamin (vitamin B12)                   | Injection     | 1mg/ml            |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>10.2 Anticoagulants and antagonists</b>       |               |                   |          |          |          |          |
| <b>Specialist medicines</b>                      |               |                   |          |          |          |          |
| Enoxaparin                                       | Injection     | 100mg/ml          |          |          |          | <b>X</b> |
| Heparin                                          | Injection     | 5000IU/ml         |          |          | <b>X</b> | <b>X</b> |
| Phytomenadione (vitamin K <sub>1</sub> )         | Injection     | 1mg/ml, 10mg/ml   |          |          | <b>X</b> | <b>X</b> |
| Protamine                                        | Injection     | 10mg/ml           |          |          |          | <b>X</b> |
| Warfarin                                         | Tablet        | 1mg, 5mg          |          |          | <b>X</b> | <b>X</b> |
| <b>11. BLOOD PRODUCTS AND PLASMA SUBSTITUTES</b> |               |                   |          |          |          |          |
| <b>11.1 Blood and blood components</b>           |               |                   |          |          |          |          |
| Fresh frozen plasma                              |               |                   |          |          | <b>X</b> | <b>X</b> |

| MEDICINE                               | DOSAGE FORM          | STRENGTH   | PHCU | PHCC     | HOSP     | REF      |
|----------------------------------------|----------------------|------------|------|----------|----------|----------|
| Platelets                              |                      |            |      |          | <b>X</b> | <b>X</b> |
| Red blood cells                        |                      |            |      |          | <b>X</b> | <b>X</b> |
| Whole blood                            |                      |            |      |          | <b>X</b> | <b>X</b> |
| <b>11.2 Plasma expanders</b>           |                      |            |      |          |          |          |
| Dextran 70                             | IV infusion          | 6%         |      |          | <b>X</b> | <b>X</b> |
| <b>12. CARDIOVASCULAR MEDICINES</b>    |                      |            |      |          |          |          |
| <b>12.1 Angianguinal medicines</b>     |                      |            |      |          |          |          |
| Acetylsalicylic acid                   | Tablet               | 100mg      |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Atenolol                               | Tablet               | 100mg      |      |          | <b>X</b> | <b>X</b> |
| Glyceryl trinitrate                    | Tablet (sublingual)  | 500µg      |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Isorbide dinitrate                     | Tablet               | 10mg       |      |          | <b>X</b> | <b>X</b> |
| Isorbide dinitrate                     | Tablet, Sublingual   | 5mg        |      |          | <b>X</b> | <b>X</b> |
| Nifedipine                             | Tablet               | 10mg, 20mg |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>12.2 Antidysrhythmic medicines</b>  |                      |            |      |          |          |          |
| Adenosine                              | Injection            | 3mg/ml     |      |          |          | <b>X</b> |
| Propranolol                            | Tablet               | 40mg       |      |          |          | <b>X</b> |
| <b>12.3 Antihypertensive medicines</b> |                      |            |      |          |          |          |
| Atenolol                               | Tablet               | 100mg      |      |          | <b>X</b> | <b>X</b> |
| Amlodipine                             | Tablet               | 5mg, 10mg  |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Enalapril                              | Tablet               | 5mg        |      |          |          | <b>X</b> |
| Hydralazine                            | Tablet               | 25mg       |      |          | <b>X</b> | <b>X</b> |
| Hydralazine                            | Powder for injection | 20mg       |      |          | <b>X</b> | <b>X</b> |

| MEDICINE                                    | DOSAGE FORM | STRENGTH         | PHCU | PHCC     | HOSP     | REF      |
|---------------------------------------------|-------------|------------------|------|----------|----------|----------|
| Lisinopril                                  | Tablet      | 5mg,<br>10mg     |      |          | <b>X</b> | <b>X</b> |
| Losartan                                    | Tablet      | 50mg             |      |          |          | <b>X</b> |
| Methyldopa                                  | Tablet      | 250mg            |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Nifedipine                                  | Tablet      | 10mg,<br>20mg    |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Propranolol                                 | Tablet      | 40mg             |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>12.4 Medicines used in heart failure</b> |             |                  |      |          |          |          |
| <b>12.4.1 Cardiac glycosides</b>            |             |                  |      |          |          |          |
| Digoxin                                     | Tablet      | 62.5µg,<br>250µg |      |          | <b>X</b> | <b>X</b> |
| Digoxin                                     | Injection   | 250µg/ml         |      |          |          | <b>X</b> |

| MEDICINE                                            | DOSAGE FORM                | STRENGTH        | PHCU     | PHCC     | HOSP     | REF      |
|-----------------------------------------------------|----------------------------|-----------------|----------|----------|----------|----------|
| <b>12.4.2 Medicines used in vascular shock</b>      |                            |                 |          |          |          |          |
| Dopamine                                            | Concentrat<br>e for IV inf | 40mg/ml         |          |          | <b>X</b> | <b>X</b> |
| Hydrocortisone<br>sodium succinate                  | Powder for<br>injection    | 100mg           |          |          | <b>X</b> | <b>X</b> |
| <b>12.5 Antithrombotic medicines</b>                |                            |                 |          |          |          |          |
| <b>12.5.1 Anti-platelet medicines</b>               |                            |                 |          |          |          |          |
| Acetylsalicylic<br>acid                             | Tablet                     | 100mg           |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicine</b>                          |                            |                 |          |          |          |          |
| Clopidogrel                                         | Tablet                     | 75mg            |          |          | <b>X</b> | <b>X</b> |
| <b>12.6 Lipid-lowering medicines</b>                |                            |                 |          |          |          |          |
| Atorvastatin                                        | Tablet                     | 20mg,<br>40mg   |          |          | <b>X</b> | <b>X</b> |
| <b>13. DERMATOLOGICAL MEDICINES</b>                 |                            |                 |          |          |          |          |
| <b>13.1 Topical Antifungals</b>                     |                            |                 |          |          |          |          |
| Benzoic acid +<br>salicylic acid                    | Ointment                   | 6% + 3%         | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Clotrimazole                                        | Cream                      | 1%              |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Terbinafine                                         | Cream/Oint<br>ment         | 1%              |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Miconazole                                          | Cream                      | 2%              |          |          | <b>X</b> | <b>X</b> |
| Nystatin                                            | Cream/oint<br>ment         | 100,000IU<br>/g | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Sulphur + salicylic<br>acid                         | Cream/oint<br>ment         | 2% + 2%         |          |          |          | <b>X</b> |
| <b>13.2 Topical Antiinfectives</b>                  |                            |                 |          |          |          |          |
| Chlorhexidine                                       | Cream                      | 5%              |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Chlorhexidine                                       | Cutaneous<br>solution      | 2%              | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Methylrosaniliniu<br>m chloride<br>(gentian violet) | Paint                      | 0.50%           | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                               | DOSAGE FORM      | STRENGTH         | PHCU     | PHCC     | HOSP     | REF      |
|------------------------------------------------------------------------|------------------|------------------|----------|----------|----------|----------|
| Potassium permanganate                                                 | Aqueous solution | 0.01% (1:10,000) | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Silver sulphadiazine                                                   | Cream            | 1%               | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>13.3 Topical Anti-inflammatory medicines</b>                        |                  |                  |          |          |          |          |
| Betamethasone                                                          | Cream/ointment   | 0.10%            |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Calamine                                                               | Lotion           | 15%              | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Hydrocortisone                                                         | Cream/ointment   | 1%               |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>13.4 Medicines affecting skin differentiation and proliferation</b> |                  |                  |          |          |          |          |
| Benzoylperoxide                                                        | Lotion/cream     | 5%               |          |          | <b>X</b> | <b>X</b> |
| Coal tar                                                               | Solution         | 5%               |          |          | <b>X</b> | <b>X</b> |
| Podophyllum resin                                                      | Solution         | 15%              |          |          | <b>X</b> | <b>X</b> |
| Salicylic acid                                                         | Ointment         | 2%               |          |          | <b>X</b> | <b>X</b> |
| <b>13.5 Scabicides and pediculicides</b>                               |                  |                  |          |          |          |          |
| Benzyl benzoate                                                        | Lotion           | 25%              | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Potassium permanganate                                                 | Aqueous solution | 0.05%            | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Permethrin                                                             | Solution, Cream  | 1%<br>5%         |          |          | <b>X</b> | <b>X</b> |
| <b>14. DIAGNOSTIC MEDICINES</b>                                        |                  |                  |          |          |          |          |
| <b>14.1 Ophthalmic diagnostic medicines</b>                            |                  |                  |          |          |          |          |
| Fluorescein sodium                                                     | Eye drops        | 1%               |          |          | <b>X</b> | <b>X</b> |
| Tropicamide                                                            | Eye drops        | 0.5%             |          |          | <b>X</b> | <b>X</b> |
| Physostigmine                                                          | Eye drops        | 0.25%            |          |          |          | <b>X</b> |
| Rose bengal                                                            | Eye drops        | 1%               |          |          |          | <b>X</b> |
| <b>14.2 Radiocontrast media (only specialist treatment)</b>            |                  |                  |          |          |          |          |



| MEDICINE                                            | DOSAGE FORM     | STRENGTH                                | PHCU     | PHCC     | HOSP     | REF      |
|-----------------------------------------------------|-----------------|-----------------------------------------|----------|----------|----------|----------|
| <b>Specialist medicines</b>                         |                 |                                         |          |          |          |          |
| Barium sulphate                                     | Powder in water | 75%                                     |          |          |          | <b>X</b> |
| Iohexol, non-ionic                                  | Injection       | 350mg/mL, 50ml                          |          |          |          | <b>X</b> |
| Iohexol, non-ionic                                  | Injection       | 350mg/mL, 100ml                         |          |          |          | <b>X</b> |
| Amidotrizoate sodium                                | Injection       | 300mg/mL, 20mL                          |          |          |          | <b>X</b> |
| <b>15. DISINFECTANTS AND ANTISEPTICS</b>            |                 |                                         |          |          |          |          |
| <b>15.1 Antiseptics</b>                             |                 |                                         |          |          |          |          |
| Cetrimide + chlorhexidine                           | Solution        | 15%+1.5%<br>,<br>30%+0.3%               | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Chlorhexidine gluconate                             | Solution        | 5%,<br>1000ml bottle                    | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Chlorhexidine gluconate                             | Solution        | 20%                                     | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Chlorhexidine gluconate                             | Mouthwash       | 0.20%                                   | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Hydrogen peroxide                                   | Solution        | 6%                                      | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Povidone iodine (Polyvidone iodine or iodopovidone) | Solution        | 10% (equiv. 1% iodine),<br>200ml bottle | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Ethanol, denatured                                  | Solution        | 70%                                     | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>15.2 Disinfectants</b>                           |                 |                                         |          |          |          |          |
| Alcohol hand rub                                    | Solution        | 75% v/v<br>80% v/v                      | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Calcium or sodium hypochlorite                      | Solution        | 5%                                      | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Glutaraldehyde                                      | Solution        | 2%                                      | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                      | DOSAGE FORM    | STRENGTH    | PHCU     | PHCC     | HOSP     | REF      |
|---------------------------------------------------------------|----------------|-------------|----------|----------|----------|----------|
| Water purification tablet (Sodium Dichloroisocyanurate-NaDCC) | Tablet         | 1.67gm      | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>16. DIURETICS</b>                                          |                |             |          |          |          |          |
| Bendroflumethiazide                                           | Tablet         | 5mg         |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Furosemide                                                    | Injection      | 10mg/ml     |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Furosemide                                                    | Tablet         | 40mg        |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Hydrochlorothiazide                                           | Tablet, scored | 25mg        |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Spironolactone                                                | Tablet         | 50mg        |          |          | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                   |                |             |          |          |          |          |
| Mannitol                                                      | IV infusion    | 20%         |          |          |          | <b>X</b> |
| <b>17. GASTROINTESTINAL MEDICINES</b>                         |                |             |          |          |          |          |
| <b>17.1 Antacids and other antiulcer medicines</b>            |                |             |          |          |          |          |
| Magnesium trisilicate compound, BP                            | Tablet         | 375mg       | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Omeprazole                                                    | Tablet         | 20mg        |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Ranitidine                                                    | Tablet         | 150mg       |          |          | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                   |                |             |          |          |          |          |
| Ranitidine                                                    | Injection      | 25mg/ml     |          |          |          | <b>X</b> |
| Omeprazole                                                    | Injection      | 40mg        |          |          |          | <b>X</b> |
| <b>17.2 Antiemetics</b>                                       |                |             |          |          |          |          |
| Doxylamine + pyridoxine                                       | Tablet         | 10mg + 10mg |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Metoclopramide                                                | Tablet         | 10mg        |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Metoclopramide                                                | Injection      | 5mg/ml      |          |          | <b>X</b> | <b>X</b> |

| MEDICINE                               | DOSAGE FORM              | STRENGTH         | PHCU     | PHCC     | HOSP     | REF      |
|----------------------------------------|--------------------------|------------------|----------|----------|----------|----------|
| Promethazine                           | Tablet                   | 25mg             |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Promethazine                           | Injection                | 25mg/ml          |          |          | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>            |                          |                  |          |          |          |          |
| Ondansetron                            | Injection                | 2mg/ml           |          |          |          | <b>X</b> |
| Ondanseron                             | Tablet                   | 4mg              |          |          |          | <b>X</b> |
| <b>17.3 Antispasmodics</b>             |                          |                  |          |          |          |          |
| Hyoscine                               | Tablet                   | 20mg             |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Hyoscine                               | Injection                | 20mg/ml          |          |          |          | <b>X</b> |
| <b>17.4 Laxatives and purgatives</b>   |                          |                  |          |          |          |          |
| Bisacodyl                              | Tablet                   | 5mg              |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Bisacodyl                              | Paediatric suppository   | 5mg              |          |          | <b>X</b> | <b>X</b> |
| Docusate sodium                        | Capsule                  | 100mg            |          |          | <b>X</b> | <b>X</b> |
| Lactulose                              | Solution                 | 3.1-3.7g/5ml     |          |          |          | <b>X</b> |
| Liquid paraffin                        | Oral emulsion            |                  |          |          | <b>X</b> | <b>X</b> |
| Senna                                  | Tablet                   | 7.5mg            |          |          | <b>X</b> | <b>X</b> |
| <b>17.5 Medicines used in diarrhea</b> |                          |                  |          |          |          |          |
| <b>17.5.1 Oral rehydration</b>         |                          |                  |          |          |          |          |
| Oral rehydration salts                 | Oral powder for solution | WHO formula-tion | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>17.5.2 Medicines for diarrhea</b>   |                          |                  |          |          |          |          |
| Zinc sulphate                          | Tablet (dispersible)     | 20mg             | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Loperamide                             | Capsules                 | 2mg              |          | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                          | DOSAGE FORM          | STRENGTH            | PHCU     | PHCC     | HOSP     | REF      |
|-------------------------------------------------------------------|----------------------|---------------------|----------|----------|----------|----------|
| <b>18. HORMONES, OTHER ENDOCRINE MEDICINES AND CONTRACEPTIVES</b> |                      |                     |          |          |          |          |
| <b>18.1 Adrenal hormones and synthetic substitutes</b>            |                      |                     |          |          |          |          |
| Dexamethasone                                                     | Tablet               | 0.5mg               |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Dexamethasone                                                     | Injection            | 4mg/ml              |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Hydrocortisone sodium succinate                                   | Powder for injection | 100mg               |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Prednisolone                                                      | Tablet               | 5mg                 |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                       |                      |                     |          |          |          |          |
| ACTH (corticotrophin)                                             | Powder for injection | 40 IU               |          |          |          | <b>X</b> |
| Cortisone acetate                                                 | Tablet               | 25mg                |          |          |          | <b>X</b> |
| Methylprednisolone                                                | Powder for injection | 500mg               |          |          |          | <b>X</b> |
| Triamcinolone                                                     | Injection            | 40mg/ml             |          |          |          | <b>X</b> |
| <b>18.2 Androgens</b>                                             |                      |                     |          |          |          |          |
| <b>Specialist medicines</b>                                       |                      |                     |          |          |          |          |
| Methyl testosterone                                               | Tablet               | 5mg                 |          |          |          | <b>X</b> |
| Testosterone enanthate                                            | Injection (oily)     | 200mg/ml            |          |          |          | <b>X</b> |
| <b>18.3 Hormonal Contraceptives</b>                               |                      |                     |          |          |          |          |
| <b>18.3.1 Oral hormonal contraceptives</b>                        |                      |                     |          |          |          |          |
| Ethinylestradiol + Levonorgestrel                                 | Tablet               | 30µg + 150µg        | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Ethinylestradiol + Desogestrel + placebo                          | Tablet               | 30µg + 150µg        | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Ethinylestradiol + Levonorgestrel + Ferrous fumarate              | Tablet               | 30µg + 150µg + 75mg | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Ethinylestradiol + Norethisterone                                 | Tablet               | 35µg + 1mg          |          | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                          | DOSAGE FORM                    | STRENGTH           | PHCU     | PHCC     | HOSP     | REF      |
|---------------------------------------------------|--------------------------------|--------------------|----------|----------|----------|----------|
| Levonorgestrel (Emergency contraception)          | Tablet                         | 750µg, 1.5mg       | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Ethinylestradiol + norgestrel                     | Tablet                         | 30µg + 300µg       |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Levonorgestrel                                    | Tablet                         | 30µg               |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Norethindrone                                     | Tablet                         | 350mg              |          |          | <b>X</b> | <b>X</b> |
| Lynestrenol                                       | Tablet                         | 0.5mg              |          |          | <b>X</b> | <b>X</b> |
| <b>18.3.2 Injectable hormonal contraceptives</b>  |                                |                    |          |          |          |          |
| Medroxyprogesterone acetate (DMPA-IM)             | Injection (aqueous suspension) | 150mg/ml, 1ml vial |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Medroxyprogesterone acetate (Depot) (DMPA-SC)     | Subcutaneous injection         | 104mg/ml           | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Norethisterone enanthate                          | Oily solution                  | 200mg in 1ml       |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Norethisterone enanthate + Estradiol valerate     | Oily solution                  | 5mg in ml          |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>18.3.3 Implantable hormonal contraceptives</b> |                                |                    |          |          |          |          |
| Etonogestrel                                      | Implant (1 radiopaque rod)     | 68mg               |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Levonorgestrel                                    | Implant (2 silicone rods)      | 75mg               |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>18.3.4 Intrauterine devices</b>                |                                |                    |          |          |          |          |
| TCu380A Intrauterine Contraceptive Device (IUD)   | IUD                            | -                  |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                       |                                |                    |          |          |          |          |
| Levonorgestrel releasing intrauterine system      | IUD                            | 52mg               |          | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                   | DOSAGE FORM                    | STRENGTH              | PHCU     | PHCC     | HOSP     | REF      |
|------------------------------------------------------------|--------------------------------|-----------------------|----------|----------|----------|----------|
| <b>18.3.5 Barrier methods</b>                              |                                |                       |          |          |          |          |
| Condoms (male)                                             | Latex                          | -                     | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Condoms (female)                                           | Polyurethane, latex or nitrile | -                     | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>18.4 Oestrogens</b>                                     |                                |                       |          |          |          |          |
| <b>Specialist medicines</b>                                |                                |                       |          |          |          |          |
| Stilboestrol                                               | Tablet                         | 5mg                   |          |          |          | <b>X</b> |
| <b>18.5 Insulins and other medicines used for diabetes</b> |                                |                       |          |          |          |          |
| Biphasic isophane insulin (soluble + isophane insulin)     | Injection                      | 30% + 70% in 100IU/ml |          |          | <b>X</b> | <b>X</b> |
| Gliclazide                                                 | Tablets                        | 30mg, 60mg            |          |          | <b>X</b> | <b>X</b> |
| Glibenclamide                                              | Tablet                         | 5mg                   |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Glimepiride                                                | Tablet                         | 1mg, 2mg              |          |          | <b>X</b> | <b>X</b> |
| Insulin isophane                                           | Injection                      | 100IU/ml              |          |          | <b>X</b> | <b>X</b> |
| Insulin zinc suspension                                    | Injection                      | 100IU/ml              |          |          | <b>X</b> | <b>X</b> |
| Metformin hydrochloride                                    | Tablet                         | 500mg, 850mg          |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Soluble insulin                                            | Injection                      | 100IU/ml              |          |          | <b>X</b> | <b>X</b> |
| <b>18.6 Ovulation inducers</b>                             |                                |                       |          |          |          |          |
| <b>Specialist medicines</b>                                |                                |                       |          |          |          |          |
| Clomiphene citrate                                         | Tablet                         | 50mg                  |          |          | <b>X</b> | <b>X</b> |
| <b>18.7 Progestogens</b>                                   |                                |                       |          |          |          |          |

| MEDICINE                                               | DOSAGE FORM   | STRENGTH                        | PHCU | PHCC | HOSP     | REF      |
|--------------------------------------------------------|---------------|---------------------------------|------|------|----------|----------|
| <b>Specialist medicines</b>                            |               |                                 |      |      |          |          |
| Medroxyprogesterone acetate                            | Tablet        | 5mg                             |      |      | <b>X</b> | <b>X</b> |
| Norethisterone                                         | Tablet        | 5mg                             |      |      | <b>X</b> | <b>X</b> |
| <b>18.8 Thyroid hormones and antithyroid medicines</b> |               |                                 |      |      |          |          |
| Carbimazole                                            | Tablet        | 5mg                             |      |      | <b>X</b> | <b>X</b> |
| Levothyroxine (thyroxine)                              | Tablet        | 50µg, 100µg                     |      |      | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                            |               |                                 |      |      |          |          |
| Iodine (I) + potassium iodide (Lugol's)                | Oral solution | 5% + 10%, 130mg total iodine/ml |      |      |          | <b>X</b> |

| MEDICINE                                        | DOSAGE FORM | STRENGTH                                                                          | PHCU | PHCC     | HOSP     | REF      |
|-------------------------------------------------|-------------|-----------------------------------------------------------------------------------|------|----------|----------|----------|
| <b>19. IMMUNOLOGICALS</b>                       |             |                                                                                   |      |          |          |          |
| <b>19.2 Sera and immunoglobulins</b>            |             |                                                                                   |      |          |          |          |
| Anti-D immunoglobulin, human                    | Injection   | 250µg/ml                                                                          |      |          | <b>X</b> | <b>X</b> |
| Antirabies immunoglobulin, human                | Injection   | 150IU/ml                                                                          |      |          | <b>X</b> | <b>X</b> |
| Antitetanus immunoglobulin, human               | Injection   | 500 IU                                                                            |      |          | <b>X</b> | <b>X</b> |
| Antitetanus serum (tetanus antitoxin)           | Injection   | 1500 IU                                                                           |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Antivenom sera polyvalent (SAIMR®)              | Injection   | -                                                                                 |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Antivenom sera polyvalent (ECHITAB-PLUS-ICP®)   | Injection   | -                                                                                 |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                     |             |                                                                                   |      |          |          |          |
| Normal immunoglobulin, human                    | Injection   | 16%                                                                               |      |          | <b>X</b> | <b>X</b> |
| Antiscorpion serum                              | Injection   | mixture of <i>Androctonus</i> , <i>Leiurus</i> and <i>Buthus</i> spp in 10ml vial |      |          | <b>X</b> | <b>X</b> |
| <b>19.3 Vaccines</b>                            |             |                                                                                   |      |          |          |          |
| <b>19.3.1 Vaccines for routine immunisation</b> |             |                                                                                   |      |          |          |          |
| BCG vaccine (freeze dried)                      | Injection   | 1.5mg vial with 1.5ml diluents                                                    |      | <b>X</b> | <b>X</b> | <b>X</b> |



| MEDICINE                                                                                 | DOSAGE FORM          | STRENGTH                               | PHCU | PHCC     | HOSP     | REF      |
|------------------------------------------------------------------------------------------|----------------------|----------------------------------------|------|----------|----------|----------|
| Antirabies vaccine, human diploid                                                        | Injection            | ≥2.5 IU/0.5 ml                         |      |          | <b>X</b> | <b>X</b> |
| Diphtheria-pertussis-tetanus-hepatitis B- <i>haemophilus influenzae</i> B (DPT HepB-Hib) | Injection            | 10-dose vial                           |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Measles vaccine, live attenuated                                                         | Powder for injection | 10 x 0.5ml dose vial + diluent         |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Pneumococcal polysaccharide conjugate vaccine (adsorbed)                                 | Injection            | 0.5ml/dose in 2 dose vial              |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Poliomyelitis vaccine, live attenuated                                                   | Oral solution        | 20-dose vial (2ml)                     |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Poliomyelitis vaccine, inactivated                                                       | Injection            | 0.5ml                                  |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Rotavirus vaccine, live attenuated                                                       | Oral suspension      | 1.5ml prefilled oral syringe           |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Tetanus toxoid                                                                           | Injection            | ≥40 IU/0.5ml                           |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Tetanus + Diphtheria (Td)                                                                | Injection            | adsorbed , reduced antigen content     |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>19.3.2 Vaccines for specific groups of individuals</b>                                |                      |                                        |      |          |          |          |
| Anthrax vaccine                                                                          | Injection            | 0.125ml (anthrax antigens) /0.5ml dose |      |          |          | <b>X</b> |

| MEDICINE                                                         | DOSAGE FORM           | STRENGTH                  | PHCU | PHCC     | HOSP     | REF      |
|------------------------------------------------------------------|-----------------------|---------------------------|------|----------|----------|----------|
| Oral cholera vaccine                                             | Oral suspension       | <i>Vibrio cholerae</i> O1 |      |          | <b>X</b> | <b>X</b> |
| Hepatitis B vaccine                                              | Intradermal injection | Single-dose vial          |      |          | <b>X</b> | <b>X</b> |
| Human papilloma virus vaccine (type 16 + type 18 capsid protein) | Injection             | 40µg/ml + 40µ/ml          |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Meningococcal vaccine conjugate                                  | Injection             | 0.5ml-vial                |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Yellow fever vaccine, live                                       | Injection             | 1,000 LD50 units/0.5 ml   |      |          | <b>X</b> | <b>X</b> |
| <b>20. MUSCLE RELAXANTS AND CHOLINESTERASE INHIBITORS</b>        |                       |                           |      |          |          |          |
| Atracurium besylate                                              | Injection             | 10mg/ml                   |      |          | <b>X</b> | <b>X</b> |
| Suxamethonium chloride                                           | Injection             | 50mg/ml                   |      |          | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                      |                       |                           |      |          |          |          |
| Neostigmine metilsulfate                                         | Injection             | 2.5mg/ml                  |      |          | <b>X</b> | <b>X</b> |
| Pancuronium bromide                                              | Injection             | 2mg/ml                    |      |          |          | <b>X</b> |
| Vecuronium bromide                                               | Powder For Injection  | 10mg                      |      |          |          | <b>X</b> |
| <b>21. OPHTHALMOLOGICAL PREPARATIONS</b>                         |                       |                           |      |          |          |          |
| <b>21.1 Antiinfective medicines</b>                              |                       |                           |      |          |          |          |
| Chloramphenicol                                                  | Ophthalmic ointment   | 1%                        |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Ciprofloxacin                                                    | Ophthalmic solution   | 0.30%                     |      |          | <b>X</b> | <b>X</b> |
| Gentamicin                                                       | Drops (for eye/ear)   | 0.30%                     |      |          | <b>X</b> | <b>X</b> |
| Povidone                                                         | Eye drops             | 5%                        |      | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                   | DOSAGE FORM  | STRENGTH                  | PHCU     | PHCC     | HOSP     | REF      |
|------------------------------------------------------------|--------------|---------------------------|----------|----------|----------|----------|
| Tetracycline                                               | Eye ointment | 1%                        | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>21.2 Anti-infective and anti-inflammatory medicines</b> |              |                           |          |          |          |          |
| Dexamethasone + tobramycin                                 | Topical      | 0.1% + 0.3%               |          |          |          | <b>X</b> |
| Hydrocortisone + oxytetracycline + polymyxin B             | Eye drops    | 1.5% + 0.5% + 10,000IU/ml |          |          |          | <b>X</b> |
| <b>21.3 Anti-inflammatory medicines</b>                    |              |                           |          |          |          |          |
| Hydrocortisone                                             | Eye ointment | 0.50%                     |          |          | <b>X</b> | <b>X</b> |
| Prednisolone                                               | Eye drops    | 0.50%                     |          |          | <b>X</b> | <b>X</b> |
| <b>21.4 Antifungal medicines</b>                           |              |                           |          |          |          |          |
| Econazole                                                  | Eye drops    | 2%                        |          |          | <b>X</b> | <b>X</b> |
| <b>21.5 Antiviral medicines</b>                            |              |                           |          |          |          |          |
| Aciclovir                                                  | Eye ointment | 3% w/w                    |          |          | <b>X</b> | <b>X</b> |
| <b>21.6 Local anaesthetics</b>                             |              |                           |          |          |          |          |
| Tetracaine (amethocaine)                                   | Eye drops    | 0.50%                     |          |          | <b>X</b> | <b>X</b> |
| <b>21.7 Miotics and antiglaucoma medicines</b>             |              |                           |          |          |          |          |
| Acetazolamide                                              | Tablet       | 250mg                     |          |          | <b>X</b> | <b>X</b> |
| Pilocarpine                                                | Eye drops    | 2%, 4%                    |          |          | <b>X</b> | <b>X</b> |
| Timolol maleate                                            | Eye drops    | 0.25%, 0.5%               |          |          | <b>X</b> | <b>X</b> |
| <b>21.8 Mydriatics</b>                                     |              |                           |          |          |          |          |
| Atropine                                                   | Eye drops    | 1%                        |          |          | <b>X</b> | <b>X</b> |
| Cyclopentolate                                             | Eye drops    | 1%                        |          |          | <b>X</b> | <b>X</b> |
| Phenylephrine                                              | Eye drops    | 10%                       |          |          | <b>X</b> | <b>X</b> |
| <b>21.9 Anti-metabolites</b>                               |              |                           |          |          |          |          |
| Fluorouracil                                               | Injection    | 50mg/ml                   |          |          |          | <b>X</b> |

| MEDICINE                                                     | DOSAGE FORM                                      | STRENGTH                             | PHCU     | PHCC     | HOSP     | REF      |
|--------------------------------------------------------------|--------------------------------------------------|--------------------------------------|----------|----------|----------|----------|
| Mitomycin                                                    | Powder for injection                             | 20mg                                 |          |          |          | <b>X</b> |
| <b>22. OXYTICS AND ANTI-OXYTICS</b>                          |                                                  |                                      |          |          |          |          |
| <b>22.1 Oxytics</b>                                          |                                                  |                                      |          |          |          |          |
| Ergometrine maleate                                          | Injection                                        | 500µg/ml                             |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Misoprostol                                                  | Tablet                                           | 200µg                                | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Misoprostol                                                  | Vaginal tablet                                   | 25µg                                 | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Oxytocin                                                     | Injection                                        | 10 IU/ml in 1ml ampoule              |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>22.2 Anti-oxytics (tocolytics)</b>                        |                                                  |                                      |          |          |          |          |
| Nifedipine                                                   | Capsule or sublingual tablet (immediate release) | 5mg, 10mg                            |          |          | <b>X</b> | <b>X</b> |
| <b>23. PERITONEAL AND HAEMODIALYSIS SOLUTIONS</b>            |                                                  |                                      |          |          |          |          |
| Liquid concentrate for haemodialysis                         | Liquid                                           | 32mEq/L bicarbonate + 5mEq/L acetate |          |          |          | <b>X</b> |
| Peritoneal dialysis solution                                 | Solution                                         | 2.5% (glucose)                       |          |          |          | <b>X</b> |
| Peritoneal dialysis solution                                 | Solution                                         | 4.25% (glucose)                      |          |          |          | <b>X</b> |
| <b>Specialist medicines</b>                                  |                                                  |                                      |          |          |          |          |
| Peritoneal dialysis solution                                 | Solution                                         | 1.5% (glucose)                       |          |          |          | <b>X</b> |
| Liquid concentrate for haemodialysis (bicarbonate + acetate) | Liquid                                           | 33mEq/l + 4mEq/l                     |          |          |          | <b>X</b> |

| MEDICINE                                                  | DOSAGE FORM             | STRENGTH    | PHCU | PHCC     | HOSP     | REF      |
|-----------------------------------------------------------|-------------------------|-------------|------|----------|----------|----------|
| <b>24. MEDICINES FOR MENTAL AND BEHAVIOURAL DISORDERS</b> |                         |             |      |          |          |          |
| <b>24.1 Medicines used in psychotic disorders</b>         |                         |             |      |          |          |          |
| Benzhexol                                                 | Tablet                  | 2mg         |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Chlorpromazine hydrochloride                              | Tablet                  | 25mg, 100mg |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Chlorpromazine hydrochloride                              | Injection               | 25mg/ml     |      |          | <b>X</b> | <b>X</b> |
| Fluphenazine decanoate                                    | Injection (oily)        | 25mg/ml     |      |          | <b>X</b> | <b>X</b> |
| Haloperidol                                               | Tablet                  | 5mg, 10mg   |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Haloperidol                                               | Injection               | 5mg/ml      |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                               |                         |             |      |          |          |          |
| Risperidone                                               | Tablet                  | 5mg         |      |          |          | <b>X</b> |
| Haloperidol decanoate                                     | Injection (oily)        | 100mg/ml    |      |          |          | <b>X</b> |
| Clozapine                                                 | Tablet                  | 50mg        |      |          |          | <b>X</b> |
| <b>24.2 Medicines used in mood disorders</b>              |                         |             |      |          |          |          |
| <b>24.2.1 Medicines used in depressive disorders</b>      |                         |             |      |          |          |          |
| Amitriptyline hydrochloride                               | Tablet                  | 25mg        |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Fluoxetine hydrochloride                                  | Capsule                 | 20mg, 40mg  |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Imipramine                                                | Tablet                  | 25mg        |      |          | <b>X</b> | <b>X</b> |
| <b>24.2.2 Medicines used in bipolar disorders</b>         |                         |             |      |          |          |          |
| Carbamazepine                                             | Tablet (scored)         | 200mg       |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                               |                         |             |      |          |          |          |
| Lithium carbonate                                         | Tablet                  | 300mg       |      |          |          | <b>X</b> |
| Valproic acid (Sodium valproate)                          | Tablet (enteric coated) | 500mg       |      |          |          | <b>X</b> |
| <b>24.3 Medicines for anxiety disorders</b>               |                         |             |      |          |          |          |

| MEDICINE                                                                          | DOSAGE FORM                               | STRENGTH                     | PHCU | PHCC     | HOSP     | REF      |
|-----------------------------------------------------------------------------------|-------------------------------------------|------------------------------|------|----------|----------|----------|
| Diazepam                                                                          | Tablet (scored)                           | 5mg                          |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Fluoxetine hydrochloride                                                          | Capsule                                   | 20mg, 40mg                   |      | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>24.4 Medicines used for obsessive compulsive disorders</b>                     |                                           |                              |      |          |          |          |
| Clomipramine hydrochloride                                                        | Capsule                                   | 10mg                         |      |          | <b>X</b> | <b>X</b> |
| <b>24.5 Medicines for disorders due to psychoactive substance use</b>             |                                           |                              |      |          |          |          |
| <b>Specialist medicines</b>                                                       |                                           |                              |      |          |          |          |
| Nicotine replacement therapy                                                      | Gum                                       | 2mg                          |      |          |          | <b>X</b> |
| Methadone hydrochloride                                                           | Oral liquid                               | 5mg/5ml                      |      |          |          | <b>X</b> |
| <b>25. MEDICINES ACTING ON THE RESPIRATORY TRACT</b>                              |                                           |                              |      |          |          |          |
| <b>25.1 Antiasthmatic and medicines for chronic obstructive pulmonary disease</b> |                                           |                              |      |          |          |          |
| Aminophylline                                                                     | Tablet                                    | 100mg                        |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Aminophylline                                                                     | Injection                                 | 25mg/ml                      |      |          | <b>X</b> | <b>X</b> |
| Beclomethasone                                                                    | Aerosol inhalation                        | 50µg/metered dose inhalation |      |          | <b>X</b> | <b>X</b> |
| Epinephrine (adrenaline)                                                          | Injection                                 | 1mg/ml                       |      |          | <b>X</b> | <b>X</b> |
| Prednisolone                                                                      | Tablet                                    | 5mg                          |      | <b>X</b> | <b>X</b> | <b>X</b> |
| Salbutamol                                                                        | Respirator solution for use in nebulisers | 5mg/ml                       |      |          | <b>X</b> | <b>X</b> |
| Salbutamol                                                                        | Aerosol inhalation                        | 100µg/metered inhalation     |      |          | <b>X</b> | <b>X</b> |
| Salbutamol                                                                        | Tablet                                    | 4mg                          |      | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                                      | DOSAGE FORM        | STRENGTH                 | PHCU     | PHCC     | HOSP     | REF      |
|-------------------------------------------------------------------------------|--------------------|--------------------------|----------|----------|----------|----------|
| Ipratropium bromide                                                           | Aerosol inhalation | 20µg/metered dose        |          |          | <b>X</b> | <b>X</b> |
| <b>26. SOLUTIONS CORRECTING WATER, ELECTROLYTE AND ACID-BASE DISTURBANCES</b> |                    |                          |          |          |          |          |
| <b>26.1 For oral rehydration</b>                                              |                    |                          |          |          |          |          |
| Oral rehydration salts                                                        | Powder for 1L      | WHO formula              | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>26.2 Parenterals</b>                                                       |                    |                          |          |          |          |          |
| Calcium gluconate                                                             | Injection          | 10%                      |          |          |          | <b>X</b> |
| Darrow's solution                                                             | Injection          | ½ strength in 5% glucose |          |          | <b>X</b> | <b>X</b> |
| Glucose                                                                       | IV infusion        | 5%                       |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Glucose                                                                       | IV infusion        | 50%                      |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Potassium chloride                                                            | Injection          | 100mg/ml, 10ml ampoule   |          |          | <b>X</b> | <b>X</b> |
| Sodium hydrogen bicarbonate                                                   | IV injection       | 8.4%                     |          |          |          | <b>X</b> |
| Sodium chloride                                                               | IV infusion        | 0.9%                     |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Sodium lactate compound solution (Hartmann's and Ringer's lactate solution)   | IV infusion        | BP formula               |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>26.3 Miscellaneous</b>                                                     |                    |                          |          |          |          |          |
| Water for injection                                                           | Injection          | 2ml, 5ml, 10 ml          |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>27. VITAMINS AND MINERALS</b>                                              |                    |                          |          |          |          |          |
| Ascorbic acid                                                                 | Tablet             | 50mg                     | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                                                                      | DOSAGE FORM            | STRENGTH                              | PHCU     | PHCC     | HOSP     | REF      |
|-----------------------------------------------------------------------------------------------|------------------------|---------------------------------------|----------|----------|----------|----------|
| Calcium lactate                                                                               | Tablet                 | 300mg                                 |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Pyridoxine (vitamin B <sub>6</sub> )                                                          | Tablet                 | 50mg                                  |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Retinol (vitamin A)                                                                           | Capsule                | 100,000IU, 200,000IU                  | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Thiamine                                                                                      | Tablet                 | 100mg                                 |          |          | <b>X</b> | <b>X</b> |
| Vitamin B compound (strong) (B <sub>5</sub> +B <sub>6</sub> +B <sub>2</sub> +B <sub>1</sub> ) | Tablet                 | 20mg + 2mg + 2mg + 5mg                |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                                                   |                        |                                       |          |          |          |          |
| Ergocalciferol (vitamin D <sub>2</sub> )                                                      | Tablet                 | 250µg (10,000 IU)                     |          |          |          | <b>X</b> |
| Hydroxocobalamin (vitamin B <sub>12</sub> )                                                   | Injection              | 1mg/ml                                |          |          | <b>X</b> | <b>X</b> |
| <b>28. EAR, NOSE AND THROAT MEDICINES</b>                                                     |                        |                                       |          |          |          |          |
| <b>28.1 Ear preparations</b>                                                                  |                        |                                       |          |          |          |          |
| Betamethasone                                                                                 | Eye/ear drops          | 0.10%                                 |          | <b>X</b> | <b>X</b> | <b>X</b> |
| Clotrimazole                                                                                  | Solution               | 1%                                    |          |          | <b>X</b> | <b>X</b> |
| Ciprofloxacin hydrochloride                                                                   | Ear drops              | 0.30%                                 |          |          | <b>X</b> | <b>X</b> |
| <b>28.2 Nasal preparations</b>                                                                |                        |                                       |          |          |          |          |
| Xylometazoline                                                                                | Paediatric nasal drops | 0.05%                                 |          |          | <b>X</b> | <b>X</b> |
| <b>29. SPECIFIC MEDICINES FOR NEONATAL CARE</b>                                               |                        |                                       |          |          |          |          |
| <b>29.1 Medicines administered to the neonate</b>                                             |                        |                                       |          |          |          |          |
| Chlorhexidine digluconate                                                                     | Gel                    | 7.1% (equivalent to 4% chlorhexidine) | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Tetracycline                                                                                  | Eye ointment           | 1%                                    | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |



| MEDICINE                                                                   | DOSAGE FORM | STRENGTH                             | PHCU     | PHCC     | HOSP     | REF      |
|----------------------------------------------------------------------------|-------------|--------------------------------------|----------|----------|----------|----------|
| Vitamin K                                                                  | Injection   | 1mg/ml                               |          | <b>X</b> | <b>X</b> | <b>X</b> |
| <b>29.2 Medicines administered to the mother</b>                           |             |                                      |          |          |          |          |
| Dexamethasone phosphate                                                    | Injection   | 4mg/ml                               |          |          | <b>X</b> | <b>X</b> |
| <b>30. MEDICINES FOR DISEASES OF JOINTS</b>                                |             |                                      |          |          |          |          |
| <b>30.1 Medicines used to treat gout</b>                                   |             |                                      |          |          |          |          |
| Allopurinol                                                                | Tablet      | 100mg                                |          |          | <b>X</b> | <b>X</b> |
| Colchicine                                                                 | Tablet      | 500µg                                |          |          | <b>X</b> | <b>X</b> |
| <b>30.2 Disease-modifying agents used in rheumatoid disorders (DMARDS)</b> |             |                                      |          |          |          |          |
| Chloroquine sulphate or phosphate                                          | Tablet      | 150mg                                |          |          | <b>X</b> | <b>X</b> |
| <b>Specialist medicines</b>                                                |             |                                      |          |          |          |          |
| Methotrexate                                                               | Tablet      | 2.5mg                                |          |          |          | <b>X</b> |
| Methotrexate                                                               | Injection   | 50mg/ml                              |          |          |          | <b>X</b> |
| <b>31. MEDICINES FOR NEUROSURGICAL USE</b>                                 |             |                                      |          |          |          |          |
| <b>32. NUTRITION</b>                                                       |             |                                      |          |          |          |          |
| Formula 75                                                                 | Powder      | 75 kCal + 0.9g protein/100ml         | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Formula 100                                                                | Powder      | 100 kCal + 2.9g protein/100ml        | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Fortified blended foods (FBF) (Super cereal plus - CSB++)                  | Packets     | Energy 787Kcal, Protein 33g, Fat 20g | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |

| MEDICINE                                     | DOSAGE FORM         | STRENGTH                                                                                     | PHCU     | PHCC     | HOSP     | REF      |
|----------------------------------------------|---------------------|----------------------------------------------------------------------------------------------|----------|----------|----------|----------|
| Lipid based nutrient supplement (LNS) (RUSF) | Sachets             | 500Kcal Energy, Protein 13g, Fat 31g                                                         | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| Ready to use therapeutic-feeds (RUTF)        | Paste 500Kcal (92g) | 30% full fat milk, 28% sugar, 15% vegetable oil, 15% peanut butter, 1.6% mineral vitamin mix | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |
| ReSoMal                                      | Sachet              | 42mg sachet/1 Litre                                                                          | <b>X</b> | <b>X</b> | <b>X</b> | <b>X</b> |

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