

Central Administration for Pharmaceutical Care  
General Administration of Drug Utilization and Pharmacy Practice



# National Egyptian Essential Medicine List 2025

هَيئَةُ الدَّوَاءِ الْمِصْرِيَّة

## Disclaimer

### Core list medications

Serve as the primary treatment choices and must be consistently available in adequate quantities within functional healthcare systems.

These medications are selected based on the strongest evidence for efficacy and safety within their class or subgroup, or as the first licensed option.

If a core list medication is unavailable, designated therapeutic alternatives—considered second-choice options— (**Therapeutic Alternatives**) may be used.

### Therapeutic Alternatives Definition

- These are medicines within a pharmacological class or chemical subgroup, defined at the fourth level of the Anatomical Therapeutic Chemical (ATC) classification, and share comparable clinical effectiveness and safety.
- Therapeutic alternatives are not considered part of the Essential Medicine List. However, if some of the core list medications become unavailable, they may be used after taking the necessary measures. A formal application must be submitted to the relevant committee for review, including the needed strengths and appropriate dosage form, and approval.
- Each listed medication is precisely defined by its scientific name, strength, dosage form, and physical characteristics. Combinations of listed single medications, variations in strength or formulation, or any deviations from the specified criteria are not automatically included in the Egyptian Essential Medicine List.
- In the event that the registration status of some of the medicines (vitamins and minerals) on the list changes, they will be subject to updates from the relevant authorities responsible for their registration.

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هئية الدواء المصرية

## List of Abbreviations

|              |                                           |
|--------------|-------------------------------------------|
| C. difficile | Clostridioides difficile                  |
| C.R.         | Controlled Release                        |
| g/ml         | Gram per mille-liter                      |
| hr           | Hour                                      |
| I.M.         | Intra Muscular                            |
| I.U.         | International Unit                        |
| I.V.         | Intra Venous                              |
| IU/ ml       | International unit per mille-liter        |
| kg           | Kilogram                                  |
| M.I.U        | Million International Unit                |
| mcg          | Microgram                                 |
| mcg/ml       | Microgram per mille-liter                 |
| mg           | Mille-gram                                |
| mg/ml        | Mille-gram per mille-liter                |
| ml           | Mille-liter                               |
| MRSA         | Methicillin-resistant staphylococci       |
| NSAIDs       | Non-Steroidal Anti-Inflammatory Medicines |
| S.R.         | Sustained Release                         |
| U            | Unit                                      |

## Introduction

The **Essential Medicines List (EML)** comprises medications that address the **priority healthcare needs** of a population. These medicines should be **consistently available** within functional health systems, in **sufficient quantities**, appropriate **dosage forms**, and **guaranteed quality**, accompanied by **accurate information**, and offered at an **affordable cost** for individuals and communities.

The **core principles** of essential medicines policies include:

- **Sustainable Financing:** Governments and health systems must allocate sufficient funding to integrate essential medicines into **public sector benefits** and **health insurance schemes**, while minimizing out-of-pocket expenses for patients.
- **Affordability:** Ensuring cost-effective access to essential medicines for all.
- **Quality and Safety:** Maintaining stringent standards for medicine efficacy, safety, and reliability.
- **Rational Medicine Use:** Promoting evidence-based prescribing and dispensing practices.
- **Addressing Gaps:** Supporting research and development for missing essential medicines.

## Selection Criteria for Essential Medicines

Medicines are evaluated based on **disease burden**, **public health impact**, **therapeutic efficacy**, **safety profile**, and **cost-effectiveness** compared to alternatives.

هتنة الدواء المصيرية

## Egyptian Essential Medicine List 2025

| No.                                                                           |                                             |                                                                                                                                                            |
|-------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. Anesthetics, Preoperative Medicines and Medical Gases</b>               |                                             |                                                                                                                                                            |
| <b>1.1 General anesthetics and oxygen</b>                                     |                                             |                                                                                                                                                            |
| <b>1.1.1 Inhalational medicines</b>                                           |                                             |                                                                                                                                                            |
| 1                                                                             | Isoflurane                                  | • Inhalation                                                                                                                                               |
| 2                                                                             | Nitrous Oxide                               | • Inhalation                                                                                                                                               |
| 3                                                                             | Sevoflurane                                 | • Inhalation                                                                                                                                               |
| <b>1.1.2 Injectable medicines</b>                                             |                                             |                                                                                                                                                            |
| 4                                                                             | Ketamine                                    | • Injection: 50 mg/ml (as hydrochloride) in 10 ml vial                                                                                                     |
| 5                                                                             | Propofol<br>Alternative (thiopental sodium) | • Injection: 10 mg/ml; 20 mg/ml                                                                                                                            |
| <b>1.2 Local anesthetics</b>                                                  |                                             |                                                                                                                                                            |
| 6                                                                             | Bupivacaine                                 | • Injection: 0.5%<br>• Injection for spinal anesthesia: 0.5% (hydrochloride)                                                                               |
| 7                                                                             | Lidocaine                                   | • Injection: 1%; 2%<br>• Topical forms: 2% to 4% (hydrochloride)                                                                                           |
| 8                                                                             | Lidocaine + Epinephrine<br>(Adrenaline)     | • Injection: Lidocaine hydrochloride 200mg/10ml; epinephrine 0.1mg/10ml<br>• Lidocaine hydrochloride 100mg/10ml; epinephrine 0.1 mg/10ml                   |
| 9                                                                             | Ephedrine                                   | • Injection: 30 mg/ml (hydrochloride) in 1 ml ampoule<br>(For use in spinal anesthesia during delivery, to prevent hypotension)                            |
| <b>1.3 Preoperative medication and sedation for short-term procedures</b>     |                                             |                                                                                                                                                            |
| 10                                                                            | Atropine                                    | • Injection: 1 mg (sulfate) in 1 ml ampoule                                                                                                                |
| 11                                                                            | Midazolam                                   | • Injection: 5 mg/ml                                                                                                                                       |
| 12                                                                            | Morphine                                    | • Injection: 10 mg (sulfate or hydrochloride) in 1 ml ampoule                                                                                              |
| 13                                                                            | Pethidine                                   | • Injection: 100 mg/ 2 ml                                                                                                                                  |
| <b>2. Medicines for Pain and Palliative Care</b>                              |                                             |                                                                                                                                                            |
| <b>2.1 Non-Opioids and Non-Steroidal Anti-Inflammatory Medicines (NSAIDs)</b> |                                             |                                                                                                                                                            |
| 14                                                                            | Acetylsalicylic Acid                        | • Tablet: 100 mg to 500 mg                                                                                                                                 |
| 15                                                                            | Ibuprofen                                   | • Oral liquid: 100 mg/5 ml<br>• Tablet: 200 mg; 400 mg<br>• Suppository: 300 mg                                                                            |
| 16                                                                            | Paracetamol                                 | • Oral liquid: 120 mg/5 ml, 250mg/ml<br>• Suppository: 300mg<br>• Solid oral dosage form: 250 mg to 500 mg<br>• Injection: 10 mg/ml                        |
| 17                                                                            | Diclofenac sodium                           | • Injection: 75 mg /3 ml<br>• Tablet: 50 mg                                                                                                                |
| 18                                                                            | Ketoprofen                                  | • Solid oral dosage forms: 25 mg, 50 mg<br>• Injection: 100 mg/2 ml                                                                                        |
| <b>2.2 Opioid analgesics</b>                                                  |                                             |                                                                                                                                                            |
| 19                                                                            | Oxycodone                                   | • Tablet: 5 mg, 10 mg                                                                                                                                      |
| 20                                                                            | Fentanyl                                    | • Transdermal patch: 12 micrograms/hr.; 25 micrograms/hr.; 50 micrograms/hr.; 75 micrograms/hr.; 100 micrograms/hr.<br>• For the management of cancer pain |
| 21                                                                            | Morphine                                    | • Injection: 5mg / ml, 10 mg / ml                                                                                                                          |

|                                                                   |                                                                                                       |                                                                                                                              |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|                                                                   |                                                                                                       | • Tablet: 20mg                                                                                                               |
| 22                                                                | Methadone                                                                                             | • Oral solution: 1 mg/ml, 5 mg/ml<br>• Concentrate for oral solution: 10 mg/ml                                               |
| 23                                                                | Pethidine                                                                                             | • Injection: 100 mg/ 2 ml                                                                                                    |
| 24                                                                | Tramadol                                                                                              | • Injection: 50 mg /ml<br>• Tablet: 50 mg                                                                                    |
| 25                                                                | Nalbuphine                                                                                            | • Injection: 20 mg / ml                                                                                                      |
| <b>2.3 Medicines for other common symptoms in palliative care</b> |                                                                                                       |                                                                                                                              |
| 26                                                                | Amitriptyline                                                                                         | • Tablet: 10 mg; 25 mg                                                                                                       |
| 27                                                                | Cyclizine                                                                                             | • Injection: 50 mg/ml                                                                                                        |
| 28                                                                | Diazepam                                                                                              | • Injection: 5 mg/ml<br>• Tablet: 5 mg; 10 mg                                                                                |
| 29                                                                | Loperamide                                                                                            | • Solid oral dosage form: 2 mg                                                                                               |
| 30                                                                | Metoclopramide                                                                                        | • Injection: 5 mg/ml (hydrochloride) in 2 ml ampoule<br>• Oral liquid: 5 mg/5 ml<br>• Solid oral form: 10 mg (hydrochloride) |
| 31                                                                | Midazolam                                                                                             | • Solid oral dosage form: 7.5 mg<br>• Injection: 5 mg/ ml                                                                    |
| 32                                                                | Ondansetron<br>Therapeutic alternatives:<br>Dolasetron, granisetron,<br>palonosetron, and tropisetron | • Injection: 2 mg /ml<br>• Tablets: 4 mg; 8 mg<br>• Oral solution: 4 mg/5mL<br>• For ages > 1 month                          |
| <b>3. Antiallergies and Medicines Used in Anaphylaxis</b>         |                                                                                                       |                                                                                                                              |
| 33                                                                | Chlorpheniramine                                                                                      | • Tablet: 4 mg                                                                                                               |
| 34                                                                | Dexamethasone                                                                                         | • 4 mg/ml in 1 ml ampoule<br>• Tablets: 0.5mg, 0.75, 8 mg<br>• Oral syrup: 0.25mg/5ml, 10 mg/100ml                           |
| 35                                                                | Prednisolone<br>Therapeutic alternatives:<br>Prednisone                                               | • Tablet: 5 mg, 20 mg                                                                                                        |
| 36                                                                | Hydrocortisone                                                                                        | • Injection: 100 mg; 250 mg                                                                                                  |
| 37                                                                | Epinephrine (adrenaline)                                                                              | • Injection: 1 mg/ml ampoule                                                                                                 |
| 38                                                                | Loratadine<br>Therapeutic alternatives:<br>Cetirizine - fexofenadine                                  | • Oral liquid: 1 mg/ml<br>• Tablet: 10 mg                                                                                    |
| <b>4. Antidotes and Other Substances Used in Poisonings</b>       |                                                                                                       |                                                                                                                              |
| <b>4.1 Non-specific</b>                                           |                                                                                                       |                                                                                                                              |
| 39                                                                | Charcoal; activated powder                                                                            | • Powder: 25g                                                                                                                |
| <b>4.2 Specific</b>                                               |                                                                                                       |                                                                                                                              |
| 40                                                                | Acetylcysteine                                                                                        | • Injection: 200 mg/ml in 10 ml ampoule<br>• Oral liquid: 20%<br>• Sachets: 200 mg; 600 mg                                   |
| 41                                                                | Methylthioninium chloride<br>(methylene blue)                                                         | • Injection: 10 mg/ml in 10 ml ampoule                                                                                       |
| 42                                                                | Potassium ferric hexacyano-<br>ferrate (II) -2H <sub>2</sub> O (Prussian<br>blue)                     | • Powder for oral administration                                                                                             |
| 43                                                                | Sodium nitrite                                                                                        | • Injection: 30 mg/ml in 10 ml ampoule                                                                                       |
| 44                                                                | Sodium thiosulfate                                                                                    | • Injection: 250 mg/ml in 50 ml ampoule                                                                                      |

|    |                        |                                                                                    |
|----|------------------------|------------------------------------------------------------------------------------|
| 45 | Deferoxamine           | • Powder for injection: 500 mg in vial                                             |
| 46 | Dimercaprol            | • Injection in oil: 50 mg/ml in 2 ml ampoule                                       |
| 47 | Sodium calcium edetate | • Injection: 200 mg/ml in 5 ml ampoule                                             |
| 48 | Succimer (DMSA)        | • Solid oral dosage form: 100 mg                                                   |
| 49 | Fomepizole             | • Injection: 5 mg/ml (sulfate) in 20 ml ampoule or 1 g/ml (base) in 1.5 ml ampoule |
| 50 | Atropine               | • Injection: 1 mg (sulfate) in 1 ml ampoule                                        |
| 51 | Calcium gluconate      | • Injection: 100 mg/ml in 10 ml ampoule                                            |
| 52 | Penicillamine          | • Solid oral dosage form: 250 mg                                                   |
| 53 | DL Methionine          | • Tablet: 250 mg                                                                   |
| 54 | Hydroxocobalamine      | • Injection: 1 mg/ml                                                               |
| 55 | Pralidoxime            | • Injection: 1000 mg/vial                                                          |
| 56 | Flumazenil             | • Injection: 0.1 mg / ml                                                           |

## 5. Medicines for Diseases of the Nervous System

### 5.1 Antiseizure medicines

|    |                                    |                                                                                                                                                                                                                                                                                                                                                         |
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| 57 | Carbamazepine                      | • Oral liquid: 100 mg/5 ml<br>• Tablet: 100 mg, 200 mg, 400mg                                                                                                                                                                                                                                                                                           |
| 58 | Diazepam                           | • Injection: 10 mg /2ml<br>• Rectal suppository: 10 mg                                                                                                                                                                                                                                                                                                  |
| 59 | Levetiracetam                      | • Oral solution: 100 mg/ml<br>• Tablet: 250 mg; 500 mg; 750 mg; 1000 mg                                                                                                                                                                                                                                                                                 |
| 60 | Lamotrigine                        | • Tablet: 25 mg; 50 mg; 100 mg; 200 mg<br>• Tablet (chewable; dispersible): 2 mg; 5 mg; 25 mg; 50 mg; 100 mg; 200 mg<br>*For use as adjunctive therapy for treatment-resistant partial or generalized seizures.                                                                                                                                         |
| 61 | Magnesium sulfate                  | • Injection: 10%<br>*For use in eclampsia and severe pre-eclampsia and not for other convulsant disorders.                                                                                                                                                                                                                                              |
| 62 | Gabapentin                         | • Capsule: 100 mg; 300 mg; 400 mg; 600 mg; 800 mg<br>• Solution: 250 mg/5ml                                                                                                                                                                                                                                                                             |
| 63 | Midazolam*                         | • Injection: 5 mg/ml<br>*Injection can be used also for buccal administration when solution for oro-mucosal administration is not available.                                                                                                                                                                                                            |
| 64 | Valproic acid (sodium valproate) * | • Oral liquid: 40 mg /ml; 50 mg/ml<br>• Solid oral dosage forms: 200 mg; 250 mg; 500 mg<br>*Avoid use in pregnancy and in women and girls of childbearing potential, unless alternative treatments are ineffective or not tolerated because of the high risk of birth defects and developmental disorders in children exposed to valproate in the womb. |
| 65 | Phenobarbital                      | • Oral liquid: 15 mg/5ml<br>• Injection: 40 mg/ml<br>• Tablets: 15 mg, 60 mg, 100 mg                                                                                                                                                                                                                                                                    |
| 66 | Phenytoin                          | • Injection: 50 mg/ml<br>• Oral liquid: 30 mg/5 ml<br>• Capsule: 50 mg; 100 mg                                                                                                                                                                                                                                                                          |
| 67 | Ethosuximide                       | • Oral liquid: 250 mg/5 ml                                                                                                                                                                                                                                                                                                                              |
| 68 | Topiramate                         | • Solid oral dosage forms: 25 mg; 50 mg                                                                                                                                                                                                                                                                                                                 |

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| <b>5.2 Medicines for multiple sclerosis</b> |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 69                                          | Cladribine                                           | • Tablet: 10 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 70                                          | Glatiramer acetate                                   | • Injection (subcutaneous): 20 mg/ml in pre-filled syringe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 71                                          | Rituximab*<br>*Including quality-assured biosimilars | • Injection (intravenous): 500 mg/50 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>5.3 Medicines for parkinsonism</b>       |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 72                                          | Levodopa + carbidopa                                 | • Tablets: 250 mg +25 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 73                                          | Benzotropine Mesylate                                | • Tablet: 2 mg<br>• Injection: 1mg / ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>6. Anti-Infective Medicines</b>          |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>6.1 Anthelmintics</b>                    |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>6.1.1 Intestinal Anthelmintics</b>       |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 74                                          | Albendazole                                          | • Tablets: 200 mg; 400 mg<br>• Syrup: 20 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 75                                          | Mebendazole                                          | • Tablet: 100 mg; 500 mg<br>• Suspension: 100 mg/5 ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 76                                          | Niclosamide                                          | • Tablet (chewable): 500 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 77                                          | Praziquantel                                         | • Tablet (scored): 600 mg<br>• Tablet: 600 mg<br>• Syrup: 120 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 78                                          | Ivermectin                                           | • Tablet: 3 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>6.1.2 Antifilarials</b>                  |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 79                                          | Albendazole                                          | • Tablet: 200 mg; 400 mg<br>• Syrup: 20 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 80                                          | Ivermectin                                           | • Tablet: 3 mg; 6 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 81                                          | Praziquantel                                         | • Tablets, scored tablets: 600 mg<br>• Syrup: 120 mg/ ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 82                                          | Triclabendazole                                      | • Tablet: 250 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>6.1.3 Cysticidal medicines</b>           |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 83                                          | Albendazole                                          | • Tablet: 200 mg; Tablet: 400 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 84                                          | Mebendazole                                          | • Tablet: 100 mg; 500 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 85                                          | Praziquantel                                         | • Tablet (scored): 600 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>6.2 Antibacterial</b>                    |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>6.2.1 Access group antibiotics</b>       |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 86                                          | Amoxicillin                                          | <ul style="list-style-type: none"> <li>• Suspension: 125/5ml; 250/5ml</li> <li>• Capsule: 250 mg; 500 mg; 1g</li> <li>• Powder for injection: 250 mg; 500 mg; 1g</li> </ul> <p><b>• First Choice</b><br/>Community acquired pneumonia (mild to moderate) - community acquired pneumonia (severe) - complicated severe acute malnutrition - exacerbations of COPD - otitis media - pharyngitis - progressive apical dental abscess - sepsis in neonates and children - sinusitis - uncomplicated severe acute malnutrition – H. Pylori infection</p> <p><b>• Second Choice</b><br/>Acute bacterial meningitis</p> |
| 87                                          | Amoxicillin + clavulanic acid                        | <ul style="list-style-type: none"> <li>• Oral liquid: 156 mg/5 ml; 312 mg/5 ml; 228/5ml; 457/5ml; 642.9 /5ml</li> <li>• Tablet (dispersible): 375 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|    |                             | <ul style="list-style-type: none"> <li>• Tablet: 625 mg; 1gm</li> <li>• Injection: 600 mg; 1.2g</li> <li>• <b>First Choice</b><br/>Community acquired pneumonia (severe) - complicated intraabdominal infections (mild to moderate) - exacerbations of COPD - hospital acquired pneumonia - low-risk febrile neutropenia - lower urinary tract infections - sinusitis - skin and soft tissue infections</li> <li>• <b>Second Choice</b><br/>Bone and joint infections - community-acquired pneumonia (mild to moderate) - community acquired pneumonia (severe) - otitis media - surgical prophylaxis</li> </ul> |
| 88 | Ampicillin                  | <ul style="list-style-type: none"> <li>• Injection: 250 mg; 500 mg; 1g</li> <li>• <b>First Choice</b><br/>Community acquired pneumonia (severe) - sepsis in neonates and children</li> <li>• <b>Second Choice</b><br/>Acute bacterial meningitis</li> </ul>                                                                                                                                                                                                                                                                                                                                                      |
| 89 | Benzathine benzylpenicillin | <ul style="list-style-type: none"> <li>• Powder for injection: 1.2 M.I.U.</li> <li>• <b>First Choice</b><br/>Syphilis</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 90 | Benzylnicillin              | <ul style="list-style-type: none"> <li>• Powder for solution for injection: 1 M.I.U.</li> <li>• <b>First Choice</b><br/>Community acquired pneumonia (severe) - complicated severe acute malnutrition - sepsis in neonates and children- syphilis</li> <li>• <b>Second Choice</b><br/>Acute bacterial meningitis</li> </ul>                                                                                                                                                                                                                                                                                      |
| 91 | Cefalexin                   | <ul style="list-style-type: none"> <li>• Powder for reconstitution with water: 250 mg/5 ml</li> <li>• Solid oral dosage form: 500 mg</li> <li>• <b>First Choice</b><br/>Skin and soft tissue infections</li> <li>• <b>Second Choice</b><br/>Exacerbations of COPD - pharyngitis</li> </ul>                                                                                                                                                                                                                                                                                                                       |
| 92 | Cefazolin                   | <ul style="list-style-type: none"> <li>• Powder for injection: 500 mg; 1 g</li> <li>• <b>First Choice</b><br/>Surgical prophylaxis</li> <li>• <b>Second Choice</b><br/>Bone and joint infections</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                      |
| 93 | Phenoxymethylpenicillin     | <ul style="list-style-type: none"> <li>• Powder for oral solution: 250 mg/5 ml</li> <li>• Tablet: 1000000 I.U.; 1500000 I.U.</li> <li>• <b>First Choice</b><br/>Community acquired pneumonia (mild to moderate) - pharyngitis - progressive apical dental abscess</li> </ul>                                                                                                                                                                                                                                                                                                                                     |
| 94 | Clindamycin                 | <ul style="list-style-type: none"> <li>• Capsule: 150 mg; 300 mg</li> <li>• Injection: 150 mg/ml</li> <li>• <b>First Choice</b><br/>Necrotizing fasciitis</li> <li>• <b>Second Choice</b><br/>Bone and joint infections</li> </ul>                                                                                                                                                                                                                                                                                                                                                                               |
| 95 | Doxycycline                 | <ul style="list-style-type: none"> <li>• Solid oral dosage forms: 100 mg; 50 mg</li> <li>• Use in children &lt;8 years only for life-threatening infections when no alternative exists.</li> <li>• <b>First Choice</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                |

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|                                      |                                 | Chlamydia trachomatis - Cholera - Brucellosis - short term prophylaxis of Malaria<br>• <b>Second Choice</b><br>Cholera - community acquired pneumonia (mild to moderate) - exacerbations of COPD                                                                                                                                                                                                                                                                           |
| 96                                   | Gentamicin                      | • Injection: 10 mg / ml; 40 mg / ml<br>• <b>First Choice</b><br>Acute bacterial meningitis in neonates (when combined with ampicillin) - community acquired pneumonia (severe) - complicated intraabdominal infections (only in combination) - complicated severe acute malnutrition - sepsis in neonates and children<br>• <b>Second Choice</b><br>Gonorrhea - surgical prophylaxis (urology and contaminated procedures)                                                 |
| 97                                   | Metronidazole                   | • Injection: 500 mg in vial<br>• Oral liquid: 200 mg/5 ml<br>• Suppository: 1 g (rectal)<br>• Tablet: 250 mg; 500 mg<br>• <b>First Choice</b><br>C. difficile infection - complicated intraabdominal infections (mild to moderate) - complicated intrabdominal infections (severe) - necrotizing fasciitis (in combination) - surgical prophylaxis (in combination) - Trichomoniasis<br>• <b>Second Choice</b><br>Complicated intraabdominal infections (mild to moderate) |
| 98                                   | Nitrofurantoin                  | • Tablet: 50 mg; 100 mg<br>• <b>First Choice</b><br>Lower urinary tract infections                                                                                                                                                                                                                                                                                                                                                                                         |
| 99                                   | Amikacin                        | • Injection 50 mg/ml; 250 mg /ml<br>• <b>First Choice</b><br>High-risk febrile neutropenia (as part of combination therapy in patients who are seriously ill or hemodynamically unstable) - pyelonephritis or prostatitis (severe)<br>• <b>Second Choice</b><br>Sepsis in neonates and children                                                                                                                                                                            |
| 100                                  | Sulfamethoxazole + trimethoprim | • Suspension: (40 mg + 200 mg) /5ml<br>• Tablet: 400 mg + 80 mg; 800 mg + 160 mg<br>• <b>First Choice</b><br>Lower urinary tract infections<br>• <b>Second Choice</b><br>Acute invasive diarrhea / bacterial dysentery                                                                                                                                                                                                                                                     |
| <b>6.2.2 Watch group antibiotics</b> |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 101                                  | Azithromycin                    | • Powder for oral suspension: 200 mg/5 ml<br>• Tablet: 250 mg; 500 mg<br>• <b>First Choice</b><br>Cholera - Gonorrhea - sexually transmitted infection due to Chlamydia Trachomatis - Trachoma<br>• <b>Second Choice</b><br>Acute invasive bacterial diarrhea / dysentery – Gonorrhea - enteric fever                                                                                                                                                                      |
| 102                                  | Cefixime                        | • Capsule: 200 mg; 400 mg<br>• Powder for oral suspension: 100 mg/5ml                                                                                                                                                                                                                                                                                                                                                                                                      |

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|     |                           | <ul style="list-style-type: none"> <li>• <b>Second Choice</b><br/>Acute invasive bacterial diarrhea / dysentery - Gonorrhea</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 103 | Cefotaxime                | <ul style="list-style-type: none"> <li>• Injection: 250 mg; 500 mg; 1g</li> <li>*3rd generation cephalosporin of choice for use in hospitalized neonates.</li> <li>• <b>First Choice</b><br/>Acute bacterial meningitis -community acquired pneumonia (severe) - complicated intraabdominal infections (mild to moderate) - complicated intrabdominal infections (severe) - hospital acquired pneumonia - pyelonephritis or prostatitis (severe)</li> <li>• <b>Second Choice</b><br/>Bone and joint infections - pyelonephritis or prostatitis (mild to moderate) - sepsis in neonates and children.</li> </ul>                                                                                                                                                                                                                           |
| 104 | Ceftriaxone               | <ul style="list-style-type: none"> <li>• Powder for injection: 250 mg; 500 mg; 1 g</li> <li>*Do not administer with calcium and avoid in infants with hyperbilirubinemia &gt;41 weeks corrected gestational age</li> <li>• <b>First Choice</b><br/>Acute bacterial meningitis - community acquired pneumonia (severe) - complicated intra-abdominal infections (mild to moderate) - complicated intra-abdominal infections (severe) - enteric fever (in severe cases if high risk of fluoroquinolone resistance) - gonorrhea - hospital acquired pneumonia - necrotizing fasciitis - pyelonephritis or prostatitis (severe)</li> <li>• <b>Second Choice</b><br/>Acute invasive bacterial diarrhea / dysentery - bone and joint infections - pyelonephritis or prostatitis (mild to moderate) - sepsis in neonates and children</li> </ul> |
| 105 | Ciprofloxacin             | <ul style="list-style-type: none"> <li>• Tablet: 250 mg; 500 mg; 750 mg</li> <li>• Injection: 2 mg/ml</li> <li>• <b>First Choice</b><br/>Acute invasive bacterial diarrhea / dysentery - enteric fever - low-risk febrile neutropenia - pyelonephritis or prostatitis (mild to moderate)</li> <li>• <b>Second Choice</b><br/>Cholera - complicated intraabdominal infections (mild to moderate)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 106 | Clarithromycin            | <ul style="list-style-type: none"> <li>• Solid oral dosage forms: 250 mg; 500 mg</li> <li>• Suspension: 125 mg/ 5ml; 250 mg/ 5ml</li> <li>• Injection: 500 mg vial</li> <li>• <b>First Choice</b><br/>Community acquired pneumonia (severe)</li> <li>• <b>Second Choice</b><br/>Pharyngitis</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 107 | Levofloxacin              | <ul style="list-style-type: none"> <li>• Injection: 500 mg. Tablets: 250 mg; 500 mg; 750 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 108 | Moxifloxacin              | <ul style="list-style-type: none"> <li>• Tablets: 400 mg</li> <li>• Solution for infusion: 400 mg/250 ml</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 109 | Piperacillin + tazobactam | <ul style="list-style-type: none"> <li>• Powder for injection: 2 g + 250 mg; 4 g + 500 mg (as sodium salt) in vial</li> <li>• <b>First Choice</b><br/>Complicated intraabdominal infections (severe) - high-risk febrile neutropenia - hospital acquired pneumonia - necrotizing fasciitis</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 110 | Vancomycin                | <ul style="list-style-type: none"> <li>• Powder for solution for I.V. Infusion / oral solution: 500 mg; 1g</li> <li>• <b>First Choice</b><br/>Methicillin-resistant staphylococci (MRSA) - Staphylococcal endocarditis</li> <li>• <b>Second Choice</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|                                         |                                                    | C. difficile infection                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 111                                     | Ceftazidime                                        | <ul style="list-style-type: none"> <li>• Injection: 250 mg; 500 mg; 1 g</li> <li>• <b>First Choice</b><br/>Bone and joint infections - complicated urinary tract infections - complicated skin and soft tissue infections - complicated intra-abdominal infections - lower respiratory tract infections - bacterial septicemia</li> </ul>                                                                                                                                               |
| 112                                     | Meropenem                                          | <ul style="list-style-type: none"> <li>• Powder for injection: 500 mg; 1 g in vial</li> <li>• <b>Second Choice</b><br/>Acute bacterial meningitis in neonates - complicated intraabdominal infections (severe) - high-risk febrile neutropenia</li> <li>• Therapeutic alternatives*: Imipenem/cilastatin</li> </ul> <p>*Complicated intraabdominal infections and high-risk febrile neutropenia only. Meropenem is the preferred choice for acute bacterial meningitis in neonates.</p> |
| <b>6.2.3 Reserve group antibiotics</b>  |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 113                                     | Colistin                                           | <ul style="list-style-type: none"> <li>• Powder for injection: 1 million IU (as colistimethate sodium) (equivalent to 34 mg colistin base activity) in vial</li> </ul>                                                                                                                                                                                                                                                                                                                  |
| 114                                     | Linezolid                                          | <ul style="list-style-type: none"> <li>• Injection for intravenous administration: 2 mg/ml</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>6.2.4 Antileprosy medicines</b>      |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 115                                     | Dapsone                                            | <ul style="list-style-type: none"> <li>• Tablet: 50 mg; 100 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                               |
| 116                                     | Rifampicin                                         | <ul style="list-style-type: none"> <li>• Capsule: 150 mg; 300 mg</li> <li>• Suspension: 20 mg/ml</li> </ul>                                                                                                                                                                                                                                                                                                                                                                             |
| <b>6.2.5 Antituberculosis medicines</b> |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 117                                     | Pyrazinamide                                       | <ul style="list-style-type: none"> <li>• Tablet: 500 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 118                                     | Ethambutol                                         | <ul style="list-style-type: none"> <li>• Tablet: 500 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 119                                     | Rifampicin + Isoniazid + Pyrazinamide + Ethambutol | <ul style="list-style-type: none"> <li>• Tablet: 150 mg + 75 mg + 400 mg + 275 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                            |
| 120                                     | Isoniazid + rifampicin                             | <ul style="list-style-type: none"> <li>• Solid oral dosage forms: 150 mg + 300 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                            |
| 121                                     | Isoniazid                                          | <ul style="list-style-type: none"> <li>• Tablet: 100 mg; 300 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                              |
| 122                                     | Linezolid                                          | <ul style="list-style-type: none"> <li>• Injection for intravenous administration: 2 mg/ ml</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                  |
| 123                                     | Streptomycin                                       | <ul style="list-style-type: none"> <li>• Injection: 1g</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 124                                     | Rifampicin                                         | <ul style="list-style-type: none"> <li>• Oral liquid: 20 mg/ml</li> <li>• Solid oral dosage form: 150 mg; 300 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                             |
| 125                                     | Linezolid                                          | <ul style="list-style-type: none"> <li>• Tablet: 600 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 126                                     | Levofloxacin                                       | <ul style="list-style-type: none"> <li>• Tablet: 500 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 127                                     | Moxifloxacin                                       | <ul style="list-style-type: none"> <li>• Tablet: 400 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 128                                     | Amikacin                                           | <ul style="list-style-type: none"> <li>• Injection: 500 mg / 2 ml</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>6.3 Antifungal medicines</b>         |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 129                                     | Amphotericin B                                     | <ul style="list-style-type: none"> <li>• Injection: 50 mg/15ml</li> <li>• Powder for injection: 50 mg (liposomal complex) in vial</li> </ul> <p>*Liposomal amphotericin B has a better safety profile than the sodium deoxycholate formulation.</p>                                                                                                                                                                                                                                     |
| 130                                     | Clotrimazole                                       | <ul style="list-style-type: none"> <li>• Vaginal cream: 1%</li> <li>• Vaginal tablet: 100 mg; 500 mg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                         |
| 131                                     | Fluconazole                                        | <ul style="list-style-type: none"> <li>• Capsule: 50 mg; 150 mg; 200 mg</li> <li>• Injection: 2 mg/ml</li> <li>• Oral liquid dosage forms: 5 mg/ml</li> </ul>                                                                                                                                                                                                                                                                                                                           |

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| 132                                                                     | Griseofulvin                        | <ul style="list-style-type: none"> <li>• Tablet: 125 mg</li> <li>• Suspension: 125 mg/5ml</li> </ul>                                                                                                                                                                                                                                     |
| 133                                                                     | Nystatin                            | <ul style="list-style-type: none"> <li>• Oral liquid dosage forms: 100 000 U/ml</li> </ul>                                                                                                                                                                                                                                               |
| 134                                                                     | Voriconazole                        | <ul style="list-style-type: none"> <li>• Tablet: 50 mg; 200 mg</li> <li>• Powder for injection: 200 mg in vial</li> <li>• Powder for oral liquid: 40 mg/ml</li> </ul> <p>*For treatment of chronic pulmonary aspergillosis and acute invasive aspergillosis.</p>                                                                         |
| 135                                                                     | Itraconazole                        | <ul style="list-style-type: none"> <li>• Capsule: 100 mg</li> </ul> <p>*For treatment of chronic pulmonary aspergillosis, histoplasmosis, sporotrichosis, paracoccidioidomycosis, mycoses caused by T. marneffeii and chromoblastomycosis; and prophylaxis of histoplasmosis and infections caused by T. marneffeii in AIDS patients</p> |
| 136                                                                     | Micafungin                          | <ul style="list-style-type: none"> <li>• Powder for injection: 50 mg (as sodium); 100 mg (as sodium) in vial</li> </ul>                                                                                                                                                                                                                  |
| <b>6.4 Antiviral medicines</b>                                          |                                     |                                                                                                                                                                                                                                                                                                                                          |
| <b>6.4.1 Antiherpes medicines</b>                                       |                                     |                                                                                                                                                                                                                                                                                                                                          |
| 137                                                                     | Aciclovir                           | <ul style="list-style-type: none"> <li>• Suspension: 200 mg/5ml; 400 mg/5ml</li> <li>• Tablet: 200 mg; 400 mg; 800 mg</li> <li>• Injection: 250 mg; 500 mg</li> </ul>                                                                                                                                                                    |
| <b>6.4.2 Antiretrovirals</b>                                            |                                     |                                                                                                                                                                                                                                                                                                                                          |
| <b>6.4.2.1 Nucleoside/Nucleotide reverse transcriptase inhibitors</b>   |                                     |                                                                                                                                                                                                                                                                                                                                          |
| 138                                                                     | Lamivudine                          | <ul style="list-style-type: none"> <li>• Tablet: 150 mg</li> </ul>                                                                                                                                                                                                                                                                       |
| 139                                                                     | Tenofovir disoproxil fumarate       | <ul style="list-style-type: none"> <li>• Tablet: 300 mg</li> </ul>                                                                                                                                                                                                                                                                       |
| 140                                                                     | Tenofovir Alafenamide               | <ul style="list-style-type: none"> <li>• Tablet containing Tenofovir Alafenamide: 25 mg</li> </ul>                                                                                                                                                                                                                                       |
| 141                                                                     | Zidovudine                          | <ul style="list-style-type: none"> <li>• Tablet: 300 mg</li> </ul>                                                                                                                                                                                                                                                                       |
| <b>6.4.2.2 Non-nucleoside reverse transcriptase inhibitors</b>          |                                     |                                                                                                                                                                                                                                                                                                                                          |
| 142                                                                     | Efavirenz (EFV or EFZ)              | <ul style="list-style-type: none"> <li>• Tablet: 200 mg; 600 mg</li> </ul>                                                                                                                                                                                                                                                               |
| 143                                                                     | Nevirapine (NVP)                    | <ul style="list-style-type: none"> <li>• Tablet: 200 mg</li> </ul>                                                                                                                                                                                                                                                                       |
| <b>6.4.2.4 Integrase inhibitors</b>                                     |                                     |                                                                                                                                                                                                                                                                                                                                          |
| 144                                                                     | Dolutegravir                        | <ul style="list-style-type: none"> <li>• Tablet: 50 mg</li> </ul>                                                                                                                                                                                                                                                                        |
| 145                                                                     | Raltegravir                         | <ul style="list-style-type: none"> <li>• Tablet: 400 mg</li> </ul>                                                                                                                                                                                                                                                                       |
| <b>6.4.2.5 Fixed-dose combinations of antiretroviral medicines</b>      |                                     |                                                                                                                                                                                                                                                                                                                                          |
| 146                                                                     | Emtricitabine + tenofovir           | <ul style="list-style-type: none"> <li>• Tablet: 200 mg + 300 mg</li> </ul>                                                                                                                                                                                                                                                              |
| 147                                                                     | Lamivudine + Zidovudine             | <ul style="list-style-type: none"> <li>• Tablet: 150 mg + 300 mg</li> </ul>                                                                                                                                                                                                                                                              |
| <b>6.4.3 Other antivirals</b>                                           |                                     |                                                                                                                                                                                                                                                                                                                                          |
| 148                                                                     | Ribavirin                           | <ul style="list-style-type: none"> <li>• Solid oral dosage form: 200 mg; 400 mg</li> </ul>                                                                                                                                                                                                                                               |
| 149                                                                     | Valganciclovir                      | <ul style="list-style-type: none"> <li>• Tablet: 450 mg</li> </ul>                                                                                                                                                                                                                                                                       |
| 150                                                                     | Oseltamivir                         | <ul style="list-style-type: none"> <li>• Capsule: 75 mg</li> <li>• Oral powder: 12 mg/ml</li> </ul>                                                                                                                                                                                                                                      |
| <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> |                                     |                                                                                                                                                                                                                                                                                                                                          |
| 151                                                                     | Entecavir                           | <ul style="list-style-type: none"> <li>• Oral liquid: 0.05 mg/ ml</li> <li>• Tablet: 0.5 mg; 1 mg</li> </ul>                                                                                                                                                                                                                             |
| 152                                                                     | Tenofovir disoproxil fumarate (TDF) | <ul style="list-style-type: none"> <li>• Tablet: 300 mg (tenofovir disoproxil fumarate – equivalent to 245 mg tenofovir disoproxil)</li> </ul>                                                                                                                                                                                           |
| 153                                                                     | Tenofovir Alafenamide               | <ul style="list-style-type: none"> <li>• Tablet containing Tenofovir Alafenamide: 25 mg</li> </ul>                                                                                                                                                                                                                                       |

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| <b>6.4.4.2 Medicines for hepatitis C</b>                        |                                                         |                                                                                                                                                                                                       |
| <b>6.4.4.2.1 Nucleotide polymerase inhibitors</b>               |                                                         |                                                                                                                                                                                                       |
| 154                                                             | Sofosbuvir                                              | • Tablet: 400 mg                                                                                                                                                                                      |
| <b>6.4.4.2.2 NS5A inhibitors</b>                                |                                                         |                                                                                                                                                                                                       |
| 155                                                             | Daclatasvir                                             | • Tablet: 30 mg; 60 mg (as hydrochloride)                                                                                                                                                             |
| <b>6.4.4.2.3 Other antivirals for hepatitis C</b>               |                                                         |                                                                                                                                                                                                       |
| 156                                                             | Ledipasvir + Sofosbuvir                                 | • Tablet: 90 mg + 400 mg                                                                                                                                                                              |
| 157                                                             | Ribavirin                                               | • Solid oral dosage form: 200 mg; 400 mg                                                                                                                                                              |
| 158                                                             | Sofosbuvir + velpatasvir                                | • Tablet: 400 mg + 100 mg                                                                                                                                                                             |
| 159                                                             | Sofosbuvir + Velpatasvir + Voxilaprevir                 | • Tablet: 400 mg + 100 mg + 100 mg                                                                                                                                                                    |
| <b>6.4.4.3 Medicines for hepatitis D</b>                        |                                                         |                                                                                                                                                                                                       |
| 160                                                             | Pegylated Interferon                                    | • Injection                                                                                                                                                                                           |
| <b>6.4.5 Other antivirals</b>                                   |                                                         |                                                                                                                                                                                                       |
| 161                                                             | Valacyclovir                                            | • Tablet: 500 mg                                                                                                                                                                                      |
| 162                                                             | Ganciclovir                                             | • Powder for solution for I.V. Infusion: 500 mg                                                                                                                                                       |
| <b>6.5 Antiprotozoal medicines</b>                              |                                                         |                                                                                                                                                                                                       |
| <b>6.5.1 Antiamoebic and anti giardiasis medicines</b>          |                                                         |                                                                                                                                                                                                       |
| 163                                                             | Diloxanide (a)                                          | • Tablet: 500 mg (furoate)<br>• (a) >25 kg                                                                                                                                                            |
| 164                                                             | Metronidazole<br>Therapeutic alternative:<br>Tinidazole | • Injection: 5 mg/ml<br>• Suspension: 125 mg /5 ml; 200 mg /5ml<br>• Tablet: 250 mg; 500 mg                                                                                                           |
| <b>6.5.2 Antileishmaniasis medicines</b>                        |                                                         |                                                                                                                                                                                                       |
| 165                                                             | Amphotericin B                                          | • Powder for injection: 50 mg in vial<br>• Powder for injection: 50 mg (liposomal complex) in vial<br>*Liposomal amphotericin B has a better safety profile than the sodium deoxycholate formulation. |
| <b>6.5.3 Antimalarial medicines</b>                             |                                                         |                                                                                                                                                                                                       |
| <b>6.5.3.1 For curative treatment</b>                           |                                                         |                                                                                                                                                                                                       |
| 166                                                             | Artemether                                              | • Oily injection: 20 mg/ml; 80 mg/ml                                                                                                                                                                  |
| 167                                                             | Artemether + lumefantrine                               | • Tablet: 20 mg + 120 mg<br>• Tablet (dispersible): 20 mg + 120 mg                                                                                                                                    |
| 168                                                             | Chloroquine                                             | • Tablet: 250 mg                                                                                                                                                                                      |
| 169                                                             | Doxycycline                                             | • Solid oral dosage forms: 100 mg                                                                                                                                                                     |
| 170                                                             | Mefloquine                                              | • Tablet: 250 mg (as hydrochloride)                                                                                                                                                                   |
| <b>6.5.3.2 For chemoprevention</b>                              |                                                         |                                                                                                                                                                                                       |
| 171                                                             | Chloroquine                                             | • Tablet: 250 mg                                                                                                                                                                                      |
| 172                                                             | Doxycycline                                             | • Solid oral dosage forms: 100 mg                                                                                                                                                                     |
| 173                                                             | Mefloquine                                              | • Tablet: 250 mg                                                                                                                                                                                      |
| <b>6.5.4 Antipneumocystosis and antitoxoplasmosis medicines</b> |                                                         |                                                                                                                                                                                                       |
| 174                                                             | Sulfamethoxazole + trimethoprim                         | • Suspension: (40 mg/200 mg)/5ml<br>• Tablet: 80 mg + 400 mg; 800 mg + 160 mg                                                                                                                         |
| <b>6.6 Medicines for ectoparasitic infections</b>               |                                                         |                                                                                                                                                                                                       |
| 175                                                             | Ivermectin                                              | • Tablet: 3 mg                                                                                                                                                                                        |
| <b>6.7 Medicines for COVID-19</b>                               |                                                         |                                                                                                                                                                                                       |
| 176                                                             | -Refer to National guidelines.                          |                                                                                                                                                                                                       |

| 7. Antimigraine Medicines                      |                           |                                                                                                                                                                   |
|------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.1 For treatment of acute attack              |                           |                                                                                                                                                                   |
| 177                                            | Acetylsalicylic acid      | • Tablet: 300 mg; 500 mg                                                                                                                                          |
| 178                                            | Ibuprofen                 | • Tablet: 200 mg; 400 mg<br>• Suspension: 100 mg/5ml                                                                                                              |
| 179                                            | Paracetamol               | • Oral liquid: 120 mg/5 ml; 250 mg/5ml<br>• Tablet: 500 mg<br>• Granules in sachets: 250 mg                                                                       |
| 180                                            | Sumatriptan               | • Tablet: 50 mg                                                                                                                                                   |
| 7.2 For prophylaxis                            |                           |                                                                                                                                                                   |
| 181                                            | Propranolol               | • Tablet: 10 mg; 40 mg                                                                                                                                            |
| 8. Immunomodulators and Antineoplastics        |                           |                                                                                                                                                                   |
| 8.1 Immunomodulators for non-malignant disease |                           |                                                                                                                                                                   |
| 182                                            | Azathioprine              | • Tablet: 25 mg; 50 mg<br>• Tablet (scored): 50 mg                                                                                                                |
| 183                                            | Ciclosporin (Cyclosporin) | • Capsule: 25 mg; 50 mg; 100 mg<br>• Syrup: 100 mg/ml                                                                                                             |
| 184                                            | Adalimumab                | • Injection: 40 mg / 0.4 ml; 40 mg / 0.8 ml<br>• Therapeutic alternatives*: Certolizumab pegol - etanercept - golimumab<br>*Including quality-assured biosimilars |
| 185                                            | Tacrolimus                | • Capsules: 0.5 mg; 1 mg; 5 mg                                                                                                                                    |
| 8.2 Antineoplastics and supportive medicines   |                           |                                                                                                                                                                   |
| 8.2.1 Cytotoxic medicines                      |                           |                                                                                                                                                                   |
| 186                                            | Bendamustine              | • Injection: 25 mg; 100 mg                                                                                                                                        |
| 187                                            | Capecitabine              | • Tablet: 500 mg                                                                                                                                                  |
| 188                                            | Etoposide                 | • Injection: 20 mg/ml                                                                                                                                             |
| 189                                            | Bleomycin                 | • Powder for injection: 15,000 U                                                                                                                                  |
| 190                                            | Carboplatin               | • Injection: 10 mg/ml                                                                                                                                             |
| 191                                            | Chlorambucil              | • Tablet: 2 mg                                                                                                                                                    |
| 192                                            | Calcium folinate          | • Injection: 3 mg/ml; 10 mg/ml                                                                                                                                    |
| 193                                            | Cyclophosphamide          | • Tablet: 50 mg<br>• Injection: 1g                                                                                                                                |
| 194                                            | Cytarabine                | • Powder for injection: 20 mg/ml; 100 mg/1ml                                                                                                                      |
| 195                                            | Dacarbazine               | • Powder for injection: 200 mg                                                                                                                                    |
| 196                                            | Dactinomycin              | • Powder for injection: 500 mcg                                                                                                                                   |
| 197                                            | Daunorubicin              | • Powder for injection: 20 mg                                                                                                                                     |
| 198                                            | Docetaxel                 | • Injection: 20 mg / 0.5 ml; 20 mg/ml                                                                                                                             |
| 199                                            | Doxorubicin               | • Injection: 2 mg/ml<br>• Pegylated liposomal: Injection: 2 mg / ml in 10 ml vial                                                                                 |
| 200                                            | Fluorouracil              | • Injection: 50 mg/ml                                                                                                                                             |
| 201                                            | Fludarabine               | • Powder for injection: 50 mg (phosphate) in vial                                                                                                                 |
| 202                                            | Bevacizumab               | • Injection: 25 mg/ml                                                                                                                                             |
| 203                                            | Sorafenib                 | • Tablet: 200 mg                                                                                                                                                  |
| 204                                            | Sunitinib                 | • Tablet: 12.5 mg; 25 mg                                                                                                                                          |
| 205                                            | Cetuximab                 | • Injection solution for infusion: 5 mg/ml                                                                                                                        |
| 206                                            | Pemetrexed                | • Injection: 100 mg; 500 mg                                                                                                                                       |
| 207                                            | Cisplatin                 | • Injection: 20 mg / 20 ml; 50 mg/50 ml                                                                                                                           |

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| 208                                    | Hydroxycarbamide (Hydroxyurea)                       | • Solid oral dosage form: 500 mg                                                                                                                |
| 209                                    | Ifosfamide                                           | • Injection: 1g; 2g                                                                                                                             |
| 210                                    | Irinotecan                                           | • Injection: 20 mg/ ml                                                                                                                          |
| 211                                    | Mercaptopurine                                       | • Tablet: 50 mg                                                                                                                                 |
| 212                                    | Methotrexate                                         | • Injection: 50 mg / 2 ml; 100 mg /ml<br>• Powder for injection: 50 mg in vial<br>• Tablet: 2.5 mg                                              |
| 213                                    | Oxaliplatin                                          | • Injection: 50 mg/10 ml in 10 ml vial; 100 mg/20 ml in 20 ml vial; 200 mg/40 ml in 40 ml vial<br>• Powder for injection: 50 mg; 100 mg in vial |
| 214                                    | Paclitaxel                                           | • Injection: 6 mg/ml                                                                                                                            |
| 215                                    | Vinblastine                                          | • Injection: 10 mg/10 ml (sulfate) in vial                                                                                                      |
| 216                                    | Vincristine                                          | • Injection: 1 mg/ml                                                                                                                            |
| 217                                    | Bortezomib                                           | • Injection: 3.5 mg                                                                                                                             |
| 218                                    | Dasatinib                                            | • Tablet: 50 mg; 70 mg; 140 mg                                                                                                                  |
| 219                                    | Imatinib                                             | • Tablet: 100 mg; 400 mg                                                                                                                        |
| 220                                    | Nilotinib                                            | • Capsule: 150 mg; 200 mg                                                                                                                       |
| 221                                    | Rituximab                                            | • Injection: 500 mg /50 ml; 100 mg/10 ml                                                                                                        |
| 222                                    | Trastuzumab                                          | • Injection 150 mg; 440 mg                                                                                                                      |
| 223                                    | Gemcetabine                                          | • Injection: 200 mg; 1000 mg                                                                                                                    |
| 224                                    | All-trans retinoid acid (ATRA) (Isotretinoin)        | • Capsule: 10 mg                                                                                                                                |
| 225                                    | Melphalan                                            | • Tablet: 2 mg                                                                                                                                  |
| 226                                    | Vinorelbine                                          | • Capsule: 20 mg; 30 mg<br>• Injection: 10 mg/ml                                                                                                |
| <b>8.2.2 Targeted therapies</b>        |                                                      |                                                                                                                                                 |
| 227                                    | Erlotinib                                            | • Tablet: 100 mg, 150 mg                                                                                                                        |
| 228                                    | Everolimus                                           | • Tablet: 5 mg; 10 mg                                                                                                                           |
| 229                                    | Ibrutinib                                            | • Capsule: 140 mg                                                                                                                               |
| <b>8.2.3 Immunomodulators</b>          |                                                      |                                                                                                                                                 |
| 230                                    | Filgrastim<br>*Including quality-assured biosimilars | • Injection: 300 mcg / ml; 6 mg / 0.6 ml                                                                                                        |
| 231                                    | Lenalidomide                                         | • Capsule: 25 mg                                                                                                                                |
| 232                                    | Nivolumab                                            | • Injection: 10 mg /ml                                                                                                                          |
| <b>8.2.4 Supportive medicines</b>      |                                                      |                                                                                                                                                 |
| 233                                    | Mesna                                                | • Injection: injection for oral administration: 100 mg / ml                                                                                     |
| 234                                    | Allopurinol                                          | • Tablet: 100 mg; 300 mg                                                                                                                        |
| 235                                    | Zoledronic acid                                      | • Concentrate solution for infusion: 4 mg/5 ml in vial                                                                                          |
| <b>8.2.5 Hormones and antihormones</b> |                                                      |                                                                                                                                                 |
| 236                                    | Anastrozole                                          | • Tablet: 1 mg                                                                                                                                  |
| 237                                    | Bicalutamide                                         | • Tablet: 50 mg                                                                                                                                 |
| 238                                    | Dexamethasone                                        | • Injection: 4 mg /ml<br>• Tablet: 0.5 mg; 0.75 mg<br>• Oral liquid: 0.25 mg / 5 ml                                                             |
| 239                                    | Hydrocortisone                                       | • Powder for injection: 100 mg in vial                                                                                                          |
| 240                                    | Leuprorolin                                          | • Injection: 11.25 mg; 22.5 mg; 30 mg                                                                                                           |

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| 241                                                | Goserelin                                                        | • Injection: 3.6 mg; 10.8 mg                                                                                                                                                     |
| 242                                                | Methylprednisolone                                               | • Injection: 40 mg/ml                                                                                                                                                            |
| 243                                                | Prednisolone                                                     | • Oral liquid: 15 mg / ml; 5 mg /5ml<br>• Tablet: 5 mg; 25 mg                                                                                                                    |
| 244                                                | Tamoxifen                                                        | • Tablet: 10 mg; 20 mg                                                                                                                                                           |
| 245                                                | Abiraterone                                                      | • Tablet: 250 mg; 500 mg                                                                                                                                                         |
| 246                                                | Letrozole                                                        | • Tablet: 2.5 mg                                                                                                                                                                 |
| 247                                                | Exemestane                                                       | • Tablet: 25 mg                                                                                                                                                                  |
| <b>9. Medicines Affecting the Blood</b>            |                                                                  |                                                                                                                                                                                  |
| <b>9.1 Antianemia medicines</b>                    |                                                                  |                                                                                                                                                                                  |
| 248                                                | Erythropoiesis-stimulating agents                                | -Injection: pre-filled syringe Epoetin alfa: 2000 IU/ 0.5 ml; 4000 IU/ 0.4 ml; 10 000IU/ 1 ml<br>• Epoetin beta had concentration 2000 IU/0.3 ml, 4000 IU/0.3 ml ,3000IU/ 0.3 ml |
| 249                                                | Iron                                                             | • Injection IM:100 mg                                                                                                                                                            |
| 250                                                | Hydroxocobalamin                                                 | • Injection: 500 mcg; 1 mg/ml                                                                                                                                                    |
| <b>9.2 Medicines affecting coagulation</b>         |                                                                  |                                                                                                                                                                                  |
| 251                                                | Low molecular weight heparin                                     | • Prefilled syringe (all available concentrations)                                                                                                                               |
| 252                                                | Heparin Sodium                                                   | • Injection: 5000 IU                                                                                                                                                             |
| 253                                                | Phytomenadione                                                   | • Injection: 10 mg/ml<br>• Tablet: 10 mg                                                                                                                                         |
| 254                                                | Protamine sulfate                                                | • Injection: 10 mg/ml                                                                                                                                                            |
| 255                                                | Tranexamic acid                                                  | • Injection: 100 mg/ml in 5ml<br>• Tablet: 500 mg                                                                                                                                |
| 256                                                | Warfarin                                                         | • Tablet: 1 mg; 2 mg; 3 mg; 5 mg                                                                                                                                                 |
| 257                                                | Ethamsylate                                                      | • Tablet: 250 mg; 500 mg<br>• Injection: 250 mg/2ml                                                                                                                              |
| 258                                                | Desmopressin                                                     | • Injection: 4 micrograms/ ml (as acetate) in 1- ml ampoule<br>• Nasal spray: 10 micrograms (as acetate) per dose                                                                |
| 259                                                | Apixaban<br>Therapeutic alternatives:<br>Rivaroxaban; dabigatran | • Tablet: 2.5 mg; 5 mg                                                                                                                                                           |
| <b>9.3 Other medicines for haemoglobinopathies</b> |                                                                  |                                                                                                                                                                                  |
| 260                                                | Deferasirox<br>Therapeutic alternatives:<br>deferiprone          | • Tablet (dispersible):125 mg; 250 mg; 500 mg<br>• Tablet (film-coated): 90 mg; 180 mg; 360 mg                                                                                   |
| 261                                                | Deferoxamine                                                     | • Powder for injection: 500 mg (mesilate) in vial                                                                                                                                |
| 262                                                | Hydroxycarbamide<br>(hydroxyurea)                                | • Solid oral dosage form: 500 mg                                                                                                                                                 |
| <b>10. Blood Products of Human Origin</b>          |                                                                  |                                                                                                                                                                                  |
| <b>10.1 Plasma-derived medicines</b>               |                                                                  |                                                                                                                                                                                  |
| <b>10.1.1 Human immunoglobulins</b>                |                                                                  |                                                                                                                                                                                  |
| 263                                                | Anti-D immunoglobulin                                            | • Injection prefilled syringes: 300 mcg/2 ml                                                                                                                                     |
| 264                                                | Anti-rabies immunoglobulin                                       | • Injection: 150 IU/ ml in vial                                                                                                                                                  |
| 265                                                | Anti-tetanus immunoglobulin                                      | • Anti-tetanus immunoglobulin                                                                                                                                                    |
| <b>10.1.2 Blood coagulation factors</b>            |                                                                  |                                                                                                                                                                                  |
| 266                                                | Factor VIII concentrate                                          | • Injection: 250 IU; 500 IU; 1000 IU                                                                                                                                             |

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| 267                                         | Factor IX complex<br>(coagulation factors; II; VII;<br>IX; X) concentrate        | • Injection: 500 IU; 1000 IU in vial                    |
| 268                                         | Coagulation factor IX                                                            | • Powder for injection: 500 IU; 1000 IU in vial         |
| <b>11. Cardiovascular Medicines</b>         |                                                                                  |                                                         |
| <b>11.1 Antianginal medicines</b>           |                                                                                  |                                                         |
| 269                                         | Isosorbide dinitrate                                                             | • Sublingual tablet: 5 mg; 10 mg                        |
| 270                                         | Bisoprolol<br>Therapeutic alternatives: -<br>carvedilol - metoprolol             | • Tablet: 2.5 mg; 5 mg; 10 mg                           |
| 271                                         | Glyceryl trinitrate                                                              | • Injection: 5 mg/ml; 1 mg/ml<br>• S.R. Capsule: 2.5 mg |
| 272                                         | Isosorbide mononitrate                                                           | • Tablet: 20 mg; 40 mg                                  |
| 273                                         | Verapamil                                                                        | • Tablet: 80 mg; 240 mg                                 |
| <b>11.2 Antiarrhythmic medicines</b>        |                                                                                  |                                                         |
| 274                                         | Bisoprolol<br>Therapeutic alternatives:<br>Carvedilol - metoprolol               | • Tablet: 2.5 mg; 5 mg; 10 mg                           |
| 275                                         | Digoxin                                                                          | • Tablet: 250 mcg<br>• Injection: 250 mcg / ml          |
| 276                                         | Epinephrine (adrenaline)                                                         | • Injection: 1 mg/ml                                    |
| 277                                         | Lidocaine                                                                        | • Injection: 20 mg/ml                                   |
| 278                                         | Verapamil                                                                        | • Tablet: 80 mg; 240 mg<br>• Injection: 5 mg/2 ml       |
| 279                                         | Amiodarone                                                                       | • Injection: 50 mg/ml<br>• Tablet: 200 mg               |
| 280                                         | Propafenone                                                                      | • Capsules or tablets: 150 mg                           |
| <b>11.3 Antihypertensive medicines</b>      |                                                                                  |                                                         |
| 281                                         | Amlodipine                                                                       | • Tablet: 5 mg; 10 mg                                   |
| 282                                         | Bisoprolol<br>Therapeutic alternatives:<br>Atenolol - carvedilol -<br>metoprolol | • Tablet: 2.5 mg; 5 mg; 10 mg                           |
| 283                                         | Enalapril<br>Therapeutic alternative:<br>Lisinopril                              | • Tablet: 5 mg; 10 mg; 20 mg                            |
| 284                                         | Hydralazine                                                                      | • Tablet: 25 mg; 50 mg                                  |
| 285                                         | Hydrochlorothiazide                                                              | • Solid oral dosage form: 12.5 mg                       |
| 286                                         | Lisinopril +<br>hydrochlorothiazide                                              | • Tablet: 20 + 12.5 mg                                  |
| 287                                         | Indapamide                                                                       | • Tablet: 1.5 mg; 2.5 mg                                |
| 288                                         | Methyldopa                                                                       | • Tablet: 250 mg; 500 mg                                |
| 289                                         | Losartan                                                                         | • Tablet: 25 mg; 50 mg; 100 mg                          |
| 290                                         | Valsartan                                                                        | • Tablet: 80 mg; 160 mg; 320 mg                         |
| 291                                         | Captopril(captopril)                                                             | • Tablets: 25 mg                                        |
| 292                                         | Perindopril                                                                      | • Tablet: 5 mg; 10 mg                                   |
| <b>11.4 Medicines used in heart failure</b> |                                                                                  |                                                         |
| 293                                         | Bisoprolol                                                                       | • Tablet: 2.5 mg; 5 mg; 10 mg                           |

|                                       |                                                                                                                                                                                                                                                         |                                                                                                                                                      |
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|                                       | Therapeutic alternatives:<br>Carvedilol - metoprolol                                                                                                                                                                                                    |                                                                                                                                                      |
| 294                                   | Digoxin                                                                                                                                                                                                                                                 | <ul style="list-style-type: none"> <li>• Tablet: 250 mcg</li> <li>• Injection: 250 mcg / ml</li> </ul>                                               |
| 295                                   | Enalapril                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>• Tablet: 10 mg; 20 mg</li> </ul>                                                                             |
| 296                                   | Losartan<br>Therapeutic alternatives:<br>Valsartan - candesartan                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>• Tablet: 50 mg; 100 mg</li> </ul>                                                                            |
| 297                                   | Spironolactone                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>• Tablet: 25 mg</li> </ul>                                                                                    |
| 298                                   | Furosemide                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• Oral liquid: 50 mg / 5 ml</li> <li>• Tablet: 20 mg; 40 mg; 500 mg</li> <li>• Injection: 10 mg/ml</li> </ul> |
| 299                                   | Dopamine                                                                                                                                                                                                                                                | <ul style="list-style-type: none"> <li>• Injection: 40 mg/ml</li> </ul>                                                                              |
| 300                                   | Dobutamine                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• Injection: 250 mg/20ml</li> </ul>                                                                           |
| 301                                   | Ivabradine                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• Tablet: 5 mg, 7.5 mg</li> </ul>                                                                             |
| <b>11.5 Antithrombotic medicines</b>  |                                                                                                                                                                                                                                                         |                                                                                                                                                      |
| <b>11.5.1 Anti-platelet medicines</b> |                                                                                                                                                                                                                                                         |                                                                                                                                                      |
| 302                                   | Acetylsalicylic acid                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>• Tablet: 75 mg; 81 mg; 100 mg</li> </ul>                                                                     |
| 303                                   | Clopidogrel                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• Tablet: 75 mg</li> </ul>                                                                                    |
| 304                                   | Ticagrelor                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• Tablet: 90 mg</li> </ul>                                                                                    |
| <b>11.5.2 Thrombolytic medicines</b>  |                                                                                                                                                                                                                                                         |                                                                                                                                                      |
| 305                                   | Streptokinase                                                                                                                                                                                                                                           | <ul style="list-style-type: none"> <li>• Powder for injection: 1.5 million IU in vial</li> </ul>                                                     |
| 306                                   | Alteplase                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>• Powder for injection: 50 mg in vial</li> </ul>                                                              |
| <b>11.6 Lipid-lowering agents</b>     |                                                                                                                                                                                                                                                         |                                                                                                                                                      |
| 307                                   | Atorvastatin<br>Therapeutic alternatives:<br>Simvastatin - fluvastatin -<br>lovastatin - pravastatin                                                                                                                                                    | <ul style="list-style-type: none"> <li>• Tablet: 10 mg; 20 mg; 80 mg</li> </ul>                                                                      |
| <b>12. Dermatological Medicines</b>   |                                                                                                                                                                                                                                                         |                                                                                                                                                      |
| <b>12.1 Antifungal medicines</b>      |                                                                                                                                                                                                                                                         |                                                                                                                                                      |
| 308                                   | Miconazole<br>Therapeutic alternatives:<br>4th level ATC chemical<br>subgroup (D01AC Imidazole<br>"clotrimazole, econazole<br>nitrate, ketoconazole and<br>tioconazole "and triazole<br>derivatives" fluconazole,<br>itraconazole and<br>voriconazole". | <ul style="list-style-type: none"> <li>• Cream: 2%</li> <li>• Powder 2%</li> <li>• Solution 2%</li> </ul>                                            |
| 309                                   | Terbinafine                                                                                                                                                                                                                                             | <ul style="list-style-type: none"> <li>• Cream: 1%</li> </ul>                                                                                        |
| <b>12.2 Anti-infective medicines</b>  |                                                                                                                                                                                                                                                         |                                                                                                                                                      |
| 310                                   | Mupirocin                                                                                                                                                                                                                                               | <ul style="list-style-type: none"> <li>• Cream: 2%</li> <li>• Ointment: 2%</li> </ul>                                                                |
| 311                                   | Silver sulfadiazine                                                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>• Cream: 1%</li> <li>• (a)&gt;2 months</li> </ul>                                                             |
| 312                                   | Fusidic acid                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>• Cream: 2%</li> </ul>                                                                                        |
| 313                                   | Gentamycin                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>• Cream: 0.3%</li> </ul>                                                                                      |

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| <b>12.3 Anti-inflammatory and antipruritic medicines</b>               |                                                                                             |                                                                                                                                                                              |
| 314                                                                    | Betamethasone                                                                               | <ul style="list-style-type: none"> <li>• Cream, ointment: 0.1%</li> <li>• Cream: 0.05%</li> </ul>                                                                            |
| 315                                                                    | Hydrocortisone<br>Therapeutic alternatives:<br>Methylprednisolone 1 mg /gm<br>topical cream | <ul style="list-style-type: none"> <li>• Cream or ointment: 1%</li> </ul>                                                                                                    |
| <b>12.4 Medicines affecting skin differentiation and proliferation</b> |                                                                                             |                                                                                                                                                                              |
| 316                                                                    | Fluorouracil                                                                                | <ul style="list-style-type: none"> <li>• Cream: 5%</li> </ul>                                                                                                                |
| 317                                                                    | Podophyllotoxin                                                                             | <ul style="list-style-type: none"> <li>• Topical solution: 5 mg /ml</li> <li>• Topical cream: 1.5 mg /gm</li> </ul>                                                          |
| 318                                                                    | Calcipotriol                                                                                | <ul style="list-style-type: none"> <li>• Cream or ointment: (0.005%)</li> </ul>                                                                                              |
| 319                                                                    | Methotrexate                                                                                | <ul style="list-style-type: none"> <li>• Tablet: 2.5 mg; 10 mg (as sodium)</li> </ul>                                                                                        |
| 320                                                                    | Urea                                                                                        | <ul style="list-style-type: none"> <li>• Cream: 10%</li> </ul>                                                                                                               |
| <b>12.5 Scabicides and pediculicides</b>                               |                                                                                             |                                                                                                                                                                              |
| 321                                                                    | Benzyl benzoate                                                                             | <ul style="list-style-type: none"> <li>• Lotion: 25%<br/>(a) &gt; 2 years</li> </ul>                                                                                         |
| 322                                                                    | Permethrin                                                                                  | <ul style="list-style-type: none"> <li>• Cream or lotion: 2.5%; 5%</li> <li>• Shampoo: 1%</li> </ul>                                                                         |
| <b>13. Diagnostic Agents</b>                                           |                                                                                             |                                                                                                                                                                              |
| <b>13.1 Ophthalmic medicines</b>                                       |                                                                                             |                                                                                                                                                                              |
| 323                                                                    | Fluorescein                                                                                 | <ul style="list-style-type: none"> <li>• Eye drops: 2%</li> </ul>                                                                                                            |
| 324                                                                    | Tropicamide<br>Therapeutic alternatives:<br>Atropine- Cyclopentolate                        | <ul style="list-style-type: none"> <li>• Eye drops: 0.5%; 1%</li> </ul>                                                                                                      |
| <b>13.2 Radiocontrast media</b>                                        |                                                                                             |                                                                                                                                                                              |
| 325                                                                    | Amidotrizoate                                                                               | <ul style="list-style-type: none"> <li>• Injection: 140 mg to 420 mg iodine (as sodium or meglumine salt)/ml in 20ml ampoule</li> </ul>                                      |
| 326                                                                    | Iohexol                                                                                     | <ul style="list-style-type: none"> <li>• Injection: 140 mg to 350 mg iodine/ml</li> </ul>                                                                                    |
| 327                                                                    | Iopamidol                                                                                   | <ul style="list-style-type: none"> <li>• Injection: 370 mg /ml; 612 mg/ml; 755 mg/ml</li> </ul>                                                                              |
| <b>14. Diuretics</b>                                                   |                                                                                             |                                                                                                                                                                              |
| 328                                                                    | Furosemide<br>Therapeutic alternatives:<br>Bumetanide - Torsemide                           | <ul style="list-style-type: none"> <li>• Injection: 10 mg/ml ampoule</li> <li>• Tablet: 20 mg; 40 mg; 500 mg</li> <li>• Oral liquid 20 mg/5 ml; 50 mg/5 ml</li> </ul>        |
| 329                                                                    | Mannitol                                                                                    | <ul style="list-style-type: none"> <li>• Injectable solution: 10%; 20%</li> </ul>                                                                                            |
| 330                                                                    | Spironolactone                                                                              | <ul style="list-style-type: none"> <li>• Tablet: 25 mg; 100 mg</li> </ul>                                                                                                    |
| 331                                                                    | Amiloride +<br>hydrochlorothiazide                                                          | <ul style="list-style-type: none"> <li>• Tablet: 5 mg + 50 mg</li> </ul>                                                                                                     |
| <b>15. Gastrointestinal Medicines</b>                                  |                                                                                             |                                                                                                                                                                              |
| 332                                                                    | Pancreatic enzymes                                                                          | <ul style="list-style-type: none"> <li>• Age-appropriate formulations and doses including lipase, protease and amylase</li> </ul>                                            |
| <b>15.1 Acid Suppressing Medicines</b>                                 |                                                                                             |                                                                                                                                                                              |
| 333                                                                    | Omeprazole<br>Therapeutic alternative:<br>Pantoprazole                                      | <ul style="list-style-type: none"> <li>• Injection: 40 mg</li> <li>• Soli oral dosage forms: 10 mg; 20 mg; 40 mg</li> </ul>                                                  |
| 334                                                                    | Famotidine                                                                                  | <ul style="list-style-type: none"> <li>• Powder for oral suspension: 40 mg/5 ml</li> <li>• Solid oral dosage forms: 20 mg; 40 mg</li> <li>• Injection: 10 mg / ml</li> </ul> |

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| <b>15.2 Antiemetic medicines</b>                                  |                                                                       |                                                                                                                                                                              |
| 335                                                               | Dexamethasone                                                         | <ul style="list-style-type: none"> <li>• Tablet: 0.5 mg; 0.75 mg</li> <li>• Injection: 4 mg/ml</li> </ul>                                                                    |
| 336                                                               | Metoclopramide                                                        | <ul style="list-style-type: none"> <li>• Injection: 10 mg</li> <li>• Tablet: 10 mg</li> <li>• Oral liquid: 5 mg/5 ml (a) Not in neonates</li> </ul>                          |
| 337                                                               | Ondansetron<br>Therapeutic alternatives:<br>granisetron - tropisetron | <ul style="list-style-type: none"> <li>• Injection: 4 mg/2ml</li> <li>• Tablet: 4 mg; 8 mg</li> <li>• Oral liquid: 4 mg /5 ml</li> </ul>                                     |
| 338                                                               | Aprepitant                                                            | <ul style="list-style-type: none"> <li>• Capsule: 80 mg; 125 mg</li> </ul>                                                                                                   |
| <b>15.3 Anti-inflammatory medicines</b>                           |                                                                       |                                                                                                                                                                              |
| 339                                                               | Sulfasalazine                                                         | <ul style="list-style-type: none"> <li>• Tablet: 500 mg</li> </ul>                                                                                                           |
| 340                                                               | Mesalazine                                                            | <ul style="list-style-type: none"> <li>• Solid oral dosage forms: 500 mg; 1000 mg</li> <li>• Rectal suppositories: 1 gm</li> <li>• Rectal suspension: 1 gm/100 ml</li> </ul> |
| 341                                                               | Hydrocortisone                                                        | <ul style="list-style-type: none"> <li>• Tablet: 10 mg</li> <li>• Injection: 100 mg; 250 mg</li> </ul>                                                                       |
| <b>15.4 Laxatives</b>                                             |                                                                       |                                                                                                                                                                              |
| 342                                                               | Senna                                                                 | <ul style="list-style-type: none"> <li>• Solid oral dosage forms yielding 20 mg sennosides</li> </ul>                                                                        |
| 343                                                               | Bisacodyl                                                             | <ul style="list-style-type: none"> <li>• Tablet: 5 mg; 10 mg</li> <li>• Suppository: 5 mg infantile; 10 mg adult</li> </ul>                                                  |
| 344                                                               | Glycerin                                                              | <ul style="list-style-type: none"> <li>• Suppository: Infant</li> <li>• Suppository: Adult</li> </ul>                                                                        |
| 345                                                               | Lactulose                                                             | <ul style="list-style-type: none"> <li>• Syrup: 67gm/100ml</li> </ul>                                                                                                        |
| 346                                                               | Sodium Picosulfate                                                    | <ul style="list-style-type: none"> <li>• Oral drops: 7.5 mg /ml</li> </ul>                                                                                                   |
| <b>15.5 Medicines used in diarrhea</b>                            |                                                                       |                                                                                                                                                                              |
| <b>15.5.1 Oral rehydration</b>                                    |                                                                       |                                                                                                                                                                              |
| 347                                                               | Oral rehydration salts                                                | <ul style="list-style-type: none"> <li>• Various oral dosage forms</li> </ul>                                                                                                |
| <b>15.5.2 Medicines for diarrhea</b>                              |                                                                       |                                                                                                                                                                              |
| 348                                                               | Loperamide                                                            | <ul style="list-style-type: none"> <li>• Solid oral dosage forms: 2 mg</li> </ul>                                                                                            |
| <b>15.6 Antispasmodic</b>                                         |                                                                       |                                                                                                                                                                              |
| 349                                                               | Mebeverine                                                            | <ul style="list-style-type: none"> <li>• Solid oral dosage form: 100 mg; 200 mg</li> </ul>                                                                                   |
| 350                                                               | Tiemonium methylsulphate                                              | <ul style="list-style-type: none"> <li>• Injection: 5 mg/2 ml</li> <li>• Oral syrup: 10 mg/5 ml</li> <li>• Tablets: 50 mg</li> </ul>                                         |
| <b>16. Hormones; Other Endocrine Medicines and Contraceptives</b> |                                                                       |                                                                                                                                                                              |
| <b>16.1 Adrenal hormones and synthetic substitutes</b>            |                                                                       |                                                                                                                                                                              |
| 351                                                               | Fludrocortisone                                                       | <ul style="list-style-type: none"> <li>• Tablet: 0.1 mg</li> </ul>                                                                                                           |
| 352                                                               | Hydrocortisone                                                        | <ul style="list-style-type: none"> <li>• Tablet: 10 mg</li> <li>• Injection: 100 mg; 250 mg</li> </ul>                                                                       |
| 353                                                               | Desmopressin Acetate                                                  | <ul style="list-style-type: none"> <li>• Tablet: 0.1 mg; 0.2 mg</li> <li>• Sublingual table: 60 mcg; 120 mcg</li> </ul>                                                      |
| <b>16.2 Androgen</b>                                              |                                                                       |                                                                                                                                                                              |
| 354                                                               | Testosterone                                                          | <ul style="list-style-type: none"> <li>• Injection: 250 mg/ml</li> </ul>                                                                                                     |
| <b>16.5 Insulins and other medicines used for diabetes</b>        |                                                                       |                                                                                                                                                                              |
| 355                                                               | Insulin injection (soluble)                                           | <ul style="list-style-type: none"> <li>• Injection: 100 IU/ml</li> </ul>                                                                                                     |
| 356                                                               | Intermediate-acting insulin                                           | <ul style="list-style-type: none"> <li>• Injection: 40 IU/ml; 100 IU/ml in cartridge or pre-filled pen</li> </ul>                                                            |
| 357                                                               | Insulin mix                                                           | <ul style="list-style-type: none"> <li>• Injection: 30/70 IU/ml; 50/50 IU/ml</li> </ul>                                                                                      |

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| 358                                                                 | Insulin Glargine                                            | • Injection: 100 IU/ml                                                                  |
| 359                                                                 | Glibenclamide                                               | • Tablet: 5 mg                                                                          |
| 360                                                                 | Glimepiride                                                 | • Tablet: 1 mg; 2 mg; 3 mg; 4 mg                                                        |
| 361                                                                 | Metformin                                                   | • Tablet: 500 mg; 850 mg; 1000 mg                                                       |
| 362                                                                 | Glucagon                                                    | • Injection: 1 mg/ml                                                                    |
| 363                                                                 | Gliclazide                                                  | • Modified release tablets; tablet: 60 mg; 30 mg; 80 mg                                 |
| 364                                                                 | Empagliflozin<br>Therapeutic alternatives:<br>Dapagliflozin | • Tablet: 10 mg; 25 mg                                                                  |
| <b>16.6 Thyroid hormones and antithyroid medicines</b>              |                                                             |                                                                                         |
| 365                                                                 | Levothyroxine                                               | • Tablet: 25 mcg; 50 mcg; 100 mcg                                                       |
| 366                                                                 | Propylthiouracil                                            | • Tablet: 50 mg                                                                         |
| 367                                                                 | Carbimazole                                                 | • Tablet: 5 mg                                                                          |
| <b>16.7 Medicines for disorders of the pituitary hormone system</b> |                                                             |                                                                                         |
| 368                                                                 | Cabergoline<br>Therapeutic alternatives:<br>Bromocriptine   | • Tablet: 0.5 mg                                                                        |
| 369                                                                 | Octreotide<br>Somatostatin                                  | • Powder for solution for injection: 0.25 mg, 3 mg                                      |
| <b>16.8 Progestogens</b>                                            |                                                             |                                                                                         |
| 370                                                                 | Progesterone                                                | • Suppository; soft gelatin capsules: 200 mg; 400 mg<br>• Soft gelatin capsules: 100 mg |
| 371                                                                 | Norethisterone                                              | • Tablets: 5 mg; 10 mg                                                                  |
| <b>16.9 Contraceptives</b>                                          |                                                             |                                                                                         |
| <b>16.9.1 Oral hormonal contraceptives</b>                          |                                                             |                                                                                         |
| 372                                                                 | Levonorgestrel                                              | • Tablet: 30 micrograms                                                                 |
| 373                                                                 | Ethinylestradiol +<br>levonorgestrel                        | • Tablet: 35 mcg + 150 mcg                                                              |
| <b>16.9.1.1 Emergency contraceptive</b>                             |                                                             |                                                                                         |
| 374                                                                 | Levonorgestrel                                              | • Tablet: 1.5 mg                                                                        |
| <b>16.9.2 Intravaginal contraceptives</b>                           |                                                             |                                                                                         |
| 375                                                                 | Ethinylestradiol + etonogestrel                             | • Vaginal ring: containing 2.7 mg + 11.7 mg                                             |
| <b>16.9.3 Injectable hormonal contraceptives</b>                    |                                                             |                                                                                         |
| 376                                                                 | Medroxyprogesterone acetate                                 | • Injection: 150 mg / 1ml                                                               |
| 377                                                                 | Progesterone acetate                                        | • Injection: 100 mg / 2ml                                                               |
| <b>16.9.4 Intrauterine devices</b>                                  |                                                             |                                                                                         |
| 378                                                                 | Levonorgestrel-releasing<br>intrauterine system             | • Intrauterine system with reservoir containing 52 mg of levonorelrel                   |
| <b>16.10 Ovulation inducers</b>                                     |                                                             |                                                                                         |
| 379                                                                 | Letrozole<br>Therapeutic alternatives:<br>Anastrozole       | • Solid oral dosage form: 2.5 mg                                                        |
| 380                                                                 | Clomifene                                                   | • Tablet: 50 mg                                                                         |
| <b>17. Immunologicals</b>                                           |                                                             |                                                                                         |
| <b>17.1 Sera, immunoglobulins and monoclonal antibodies</b>         |                                                             |                                                                                         |
| 381                                                                 | Rabies immunoglobulin                                       | • Injection: 150 IU/ml                                                                  |
| 382                                                                 | Anti-snake venom                                            | • Injection                                                                             |
| 383                                                                 | Diphtheria antitoxin                                        | • Injection: 10 000 IU/ 10 ml                                                           |
| 384                                                                 | Anti-Scorpion Serum                                         | • Injection                                                                             |

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| 385                                                                              | Anti-D immunoglobulin (human)                    | • Injection                                                  |
| 386                                                                              | Anti-tetanus immunoglobulin (human)              | • Injection                                                  |
| <b>17.2 Vaccines</b>                                                             |                                                  |                                                              |
| 387                                                                              | BCG vaccine                                      | • Injection                                                  |
| 388                                                                              | Hepatitis B vaccine                              | • Injection                                                  |
| 389                                                                              | Poliomyelitis vaccine                            | • Oral<br>• Injection                                        |
| 390                                                                              | Haemophilus influenzae type b vaccine            | • Injection                                                  |
| 391                                                                              | Meningococcal meningitis vaccine                 | • Injection                                                  |
| 392                                                                              | Pneumococcal vaccine                             | • Injection                                                  |
| 393                                                                              | Rabies vaccine                                   | • Injection                                                  |
| 394                                                                              | Tetanus vaccine                                  | • Injection                                                  |
| 395                                                                              | Typhoid vaccine                                  | • Injection                                                  |
| 396                                                                              | Varicella zoster                                 | • Injection                                                  |
| 397                                                                              | Influenza vaccine                                | • Injection                                                  |
| 398                                                                              | Yellow fever vaccine                             | • Injection                                                  |
| 399                                                                              | Rotavirus vaccine                                | • Injection                                                  |
| 400                                                                              | Human papilloma virus (HPV) vaccine              | • Injection                                                  |
| 401                                                                              | Diphtheria + Tetanus Toxoids + Pertussis Vaccine | • Injection                                                  |
| 402                                                                              | Mumps + Measles + Rubella Virus Vaccine          | • Injection                                                  |
| <b>Recommendations for some high-risk populations</b>                            |                                                  |                                                              |
| 403                                                                              | Cholera vaccine                                  | • Injection                                                  |
| 404                                                                              | Hepatitis A Vaccine                              | • Injection                                                  |
| <b>18. Muscle Relaxants (Peripherally-Acting) and Cholinesterase Inhibitors</b>  |                                                  |                                                              |
| <b>18.1 Neuromuscular Blockers</b>                                               |                                                  |                                                              |
| 405                                                                              | Atracurium                                       | • Injection: 10 mg/ml                                        |
| 406                                                                              | Suxamethonium                                    | • Injection: 50 mg/ml                                        |
| 407                                                                              | Vecuronium                                       | • Injection: 10 mg                                           |
| <b>18.2 Central Muscle Relaxant</b>                                              |                                                  |                                                              |
| 408                                                                              | Orphenadrine                                     | • Injection: 30 mg<br>• Tablet: 100 mg                       |
| <b>18.2 Choline Esterase Inhibitors</b>                                          |                                                  |                                                              |
| 409                                                                              | Neostigmine                                      | • Injection: 0.5 mg /ml; 2.5 mg/ml<br>• Tablet: 15 mg        |
| 410                                                                              | Pyridostigmine                                   | • Tablet: 60 mg<br>• Tablet S.R: 180 mg                      |
| <b>19.Oxytocics and Antioxytocics</b>                                            |                                                  |                                                              |
| <b>19.1 Oxytocics</b>                                                            |                                                  |                                                              |
| 411                                                                              | Methyl ergometrine                               | • Injection: 200 mcg/1ml                                     |
| 412                                                                              | Misoprostol*                                     | • Tablet: 200 micrograms<br>• Vaginal tablet: 25 micrograms* |
| *Only for use for induction of labor where appropriate facilities are available. |                                                  |                                                              |

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| 413                                                                        | Oxytocin                                                                 | • Injection: 5 IU; 10 IU                                                                                                      |
| <b>19.2 Antioxytotics (tocolytics)</b>                                     |                                                                          |                                                                                                                               |
| 414                                                                        | Nifedipine                                                               | • Immediate-release capsule: 10 mg                                                                                            |
| <b>20. Peritoneal Dialysis Solution</b>                                    |                                                                          |                                                                                                                               |
| 415                                                                        | Intraperitoneal dialysis solution (of appropriate composition)           | • Parenteral solution: of appropriate composition                                                                             |
| <b>21. Vitamins and Minerals</b>                                           |                                                                          |                                                                                                                               |
| 416                                                                        | Cholecalciferol (Vit. D3)<br>Therapeutic alternatives:<br>Ergocalciferol | • Injection: 200000 I.U.                                                                                                      |
| 417                                                                        | Calcium gluconate                                                        | • Injection: 10%                                                                                                              |
| 418                                                                        | Vit.B12                                                                  | • Injection: 1 mg                                                                                                             |
| 419                                                                        | Vitamin B containing at least (B1; B6; B12)                              | • Injection                                                                                                                   |
| 420                                                                        | Vit. K1 (Phytomenandione)                                                | • Tablet: 10 mg<br>• Injection: 10 mg/ml                                                                                      |
| 421                                                                        | Alfacalcidole                                                            | • Tablet: 0.25 mcg; 0.5 mcg; 1 mcg<br>• Capsules: 0.25 mcg; 0.5 mcg; 1 mcg<br>• Injection: 2 mcg/ml<br>• Oral drops: 2 mcg/ml |
| <b>22. Ear, Nose and Throat Medicines</b>                                  |                                                                          |                                                                                                                               |
| 422                                                                        | Ciprofloxacin                                                            | • Topical drops: 0.3%                                                                                                         |
| 423                                                                        | Xylometazoline                                                           | • Nasal spray: 0.1%<br>• Nasal drops: 0.05%; 0.1%<br>• (a) Not in children less than 3 months                                 |
| 424                                                                        | Budesonide                                                               | • Nasal spray: 32 mcg/dose; 64 mcg                                                                                            |
| 425                                                                        | Chloramphenicol                                                          | • Ear drops: 5%                                                                                                               |
| <b>22.1 Nasal decongestants</b>                                            |                                                                          |                                                                                                                               |
| 426                                                                        | Pseudoephedrine                                                          | • Syrup: 10 mg/5ml                                                                                                            |
| <b>23. Medicines for Diseases of Joints</b>                                |                                                                          |                                                                                                                               |
| <b>23.1 Medicines used to treat gout</b>                                   |                                                                          |                                                                                                                               |
| 427                                                                        | Allopurinol                                                              | • Tablet: 100 mg                                                                                                              |
| <b>23.2 Disease-modifying agents used in rheumatoid disorders (DMARDs)</b> |                                                                          |                                                                                                                               |
| 428                                                                        | Chloroquine                                                              | • Tablet: Chloroquine phosphate 250 mg                                                                                        |
| 429                                                                        | Azathioprine                                                             | • Tablet: 50 mg                                                                                                               |
| 430                                                                        | Hydroxychloroquine                                                       | • Solid oral dosage form: 200 mg                                                                                              |
| 431                                                                        | Methotrexate                                                             | • Tablet: 2.5 mg                                                                                                              |
| 432                                                                        | Penicillamine                                                            | • Solid oral dosage form: 250 mg                                                                                              |
| 433                                                                        | Sulfasalazine                                                            | • Tablet: 500 mg                                                                                                              |
| <b>23.3 Medicines for Juvenile joint diseases</b>                          |                                                                          |                                                                                                                               |
| 434                                                                        | Acetylsalicylic acid *(acute or chronic use)                             | • Tablet: 100 mg to 500 mg<br>*For use for rheumatic fever, juvenile arthritis, Kawasaki disease.                             |
| 435                                                                        | Methotrexate                                                             | • Tablet: 2.5 mg (as sodium)                                                                                                  |
| <b>24. Medicines for Reproductive Health and Perinatal Care</b>            |                                                                          |                                                                                                                               |
| <b>24.1 Uterotonics</b>                                                    |                                                                          |                                                                                                                               |
| 436                                                                        | Carbetocin                                                               | • Injection (heat stable): 100 micrograms/ml                                                                                  |

|                                                          |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>24.2 Other medicines administered to the mother</b>   |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
| 437                                                      | Dexamethasone                                         | • Injection: 4 mg/ml                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>24.3 Medicines administered to the neonate</b>        |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
| 438                                                      | Ibuprofen<br>Therapeutic alternative:<br>Indomethacin | • Solution for slow I.V Infusion: 100 mg /ml<br>• Oral drops: 4%<br>• (a)>3 months (except IV form for patent ductus arteriosus)                                                                                                                                                                                                                                                                            |
| 439                                                      | Caffeine citrate                                      | • Injection: 20 mg/ml (equivalent to 10 mg caffeine base/ml)                                                                                                                                                                                                                                                                                                                                                |
| 440                                                      | Surfactant                                            | • Suspension for intratracheal instillation: 25 mg/ ml<br>• Lyophilized Powder: 50 mg/1.2 ml                                                                                                                                                                                                                                                                                                                |
| 441                                                      | Prostaglandin E                                       | • Alprostadil Solution for I.V infusion: 0.5 mg / ml                                                                                                                                                                                                                                                                                                                                                        |
| <b>25. Dental Medicines and Preparations</b>             |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
| 442                                                      | Glass ionomer cement                                  | • Single-use capsules: 0.4 g powder + 0.09 ml liquid<br>• Multi-use bottle: powder + liquid. Powder (fluoro-alumino-silicate glass) contains: 25-50% silicate, 20-40% aluminum oxide, 1-20% fluoride, 15-40% metal oxide, 0-15% phosphate, remainder are polyacrylic acid powder and metals in minimal quantities.<br>• Liquid (aqueous) contains: 7-25% polybasic carboxylic acid, 45-60% polyacrylic acid |
| 443                                                      | Resin-based composite (low-viscosity) *               | • Single-use applicator or multi-use bottle<br>*Of any type for use as dental sealant                                                                                                                                                                                                                                                                                                                       |
| 444                                                      | Resin-based composite (high-viscosity) *              | • Single-use capsule or multi-use syringe<br>*Of any type for use as dental filling material                                                                                                                                                                                                                                                                                                                |
| 445                                                      | Silver diamine fluoride                               | • Solution: 38% w/v                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>26. Antivertigo Medicines</b>                         |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
| 446                                                      | Cinnarizine                                           | • Tablets: 25 mg; 100 mg                                                                                                                                                                                                                                                                                                                                                                                    |
| 447                                                      | Cyclizine                                             | • Injection: 50 mg                                                                                                                                                                                                                                                                                                                                                                                          |
| 448                                                      | Betahistine                                           | • Tablets: 8 mg; 16 mg                                                                                                                                                                                                                                                                                                                                                                                      |
| 449                                                      | Dimenhydrinate                                        | • Tablets: 50 mg                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>27. Medicines for Mental and Behavioral Disorders</b> |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>27.1 Medicines for psychotic disorders</b>            |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
| 450                                                      | Fluphenazine                                          | • Injection: 25 mg (decanoate) in 1 ml ampoule                                                                                                                                                                                                                                                                                                                                                              |
| 451                                                      | Chlorpromazine                                        | • Injection: 25 mg/ml<br>• Tablet: 25 mg; 100 mg                                                                                                                                                                                                                                                                                                                                                            |
| 452                                                      | Risperidone                                           | • Solid oral dosage form: 0.5 mg to 4 mg<br>• Injection (prolonged-release): 75 mg; 100 mg; 150 mg (as palmitate) in pre-filled syringe                                                                                                                                                                                                                                                                     |
| 453                                                      | Paliperidone                                          | • Extended release tablets: 3 mg; 6 mg                                                                                                                                                                                                                                                                                                                                                                      |
| 454                                                      | Quetiapine                                            | • Tablets and extended release tablets: 100 mg; 200 mg; 300 mg; 400 mg                                                                                                                                                                                                                                                                                                                                      |
| 455                                                      | Aripiprazole                                          | • Solid oral dosage forms                                                                                                                                                                                                                                                                                                                                                                                   |
| 456                                                      | Olanzapine                                            | • Solid oral dosage forms<br>• Powder for injection: 10 mg in vial                                                                                                                                                                                                                                                                                                                                          |
| 457                                                      | Clozapine                                             | • Solid oral dosage form: 25 mg; 100 mg                                                                                                                                                                                                                                                                                                                                                                     |
| 458                                                      | Trifluoperazine                                       | • Tablet: 1 mg; 5 mg                                                                                                                                                                                                                                                                                                                                                                                        |
| 459                                                      | Haloperidol                                           | • Injection: 5 mg/ml<br>• Solid oral dosage form: 1.5 mg; 5 mg<br>• Injection (haloperidol decanoate): 50 mg/ml; 100 mg/ml                                                                                                                                                                                                                                                                                  |
| 460                                                      | Zuclopenthixol decanoate*                             | • Injection: 200 mg / ml<br>*For chronic and non-adherent patients                                                                                                                                                                                                                                                                                                                                          |

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| <b>27.2 Medicines for mood disorders</b>                              |                                                         |                                                                                                                                                              |
| <b>27.2.1 Medicines for depressive disorders</b>                      |                                                         |                                                                                                                                                              |
| 461                                                                   | Amitriptyline                                           | • Tablet: 10 mg; 25 mg; 50 mg                                                                                                                                |
| 462                                                                   | Fluoxetine                                              | • Solid oral dosage form: 20 mg<br>• Delayed release capsule: 90 mg                                                                                          |
| <b>27.2.2 Medicines for bipolar disorders</b>                         |                                                         |                                                                                                                                                              |
| 463                                                                   | Carbamazepine                                           | • Tablet: 200 mg<br>• S.R. tablet: 200 mg; 400 mg<br>• Syrup: 2%                                                                                             |
| 464                                                                   | Lithium carbonate                                       | • C.R. tablet: 400 mg                                                                                                                                        |
| 465                                                                   | Valproic acid /sodium valproate                         | • Tablet: 200 mg; 500 mg<br>• Extended and controlled release tablets: 250 mg; 500 mg                                                                        |
| 466                                                                   | Quetiapine                                              | • Tablet (immediate-release): 25 mg; 100 mg; 200 mg; 300 mg<br>• Tablet (modified-release): 50 mg; 150 mg; 200 mg; 300 mg; 400 mg                            |
| 467                                                                   | Aripiprazole                                            | • Solid oral dosage forms                                                                                                                                    |
| 468                                                                   | Olanzapine                                              | • Solid oral dosage forms                                                                                                                                    |
| 469                                                                   | Paliperidone                                            | • Solid oral dosage forms                                                                                                                                    |
| <b>27.3 Medicines for anxiety disorders</b>                           |                                                         |                                                                                                                                                              |
| 470                                                                   | Diazepam                                                | • Tablet: 2 mg; 5 mg; 10 mg<br>• Injection: 5 mg/ml I.V./I.M.                                                                                                |
| 471                                                                   | Fluoxetine                                              | • Solid oral dosage form: 20 mg (as hydrochloride)                                                                                                           |
| 472                                                                   | Escitalopram                                            | • Solid oral dosage forms                                                                                                                                    |
| 473                                                                   | Paroxetine                                              | • Solid oral dosage forms                                                                                                                                    |
| 474                                                                   | Sertraline                                              | • Solid oral dosage forms                                                                                                                                    |
| 475                                                                   | Bromazepam                                              | • Tablet: 1.5 mg; 3 mg                                                                                                                                       |
| <b>27.4 Medicines for obsessive compulsive disorders</b>              |                                                         |                                                                                                                                                              |
| 476                                                                   | Clomipramine                                            | • Solid oral dosage forms: 25 mg<br>• Solid oral dosage extended release dosage forms: 75 mg                                                                 |
| <b>27.5 Medicines for disorders due to psychoactive substance use</b> |                                                         |                                                                                                                                                              |
| <b>27.5.1 Medicines for opioid use disorders</b>                      |                                                         |                                                                                                                                                              |
| 477                                                                   | Methadone<br>Therapeutic alternatives:<br>Buprenorphine | • Concentrate for oral solution: 10 mg /ml<br>• Oral solution: 5 mg /ml; 1 mg /ml<br>This medicine should only be used within an established support program |
| <b>27.5.2 Medicines for alcohol use disorders</b>                     |                                                         |                                                                                                                                                              |
| 478                                                                   | Naltrexone                                              | • Tablet: 50 mg                                                                                                                                              |
| <b>27.5.3 Medicines for nicotine use disorders</b>                    |                                                         |                                                                                                                                                              |
| 479                                                                   | Bupropion                                               | • Tablet (sustained-release): 150 mg (hydrochloride)                                                                                                         |
| <b>28. Ophthalmological Preparations</b>                              |                                                         |                                                                                                                                                              |
| <b>28.1 Anti-infective agents</b>                                     |                                                         |                                                                                                                                                              |
| 480                                                                   | Gentamicin<br>Therapeutic alternatives:<br>Tobramycin   | • Eye drops: 0.3%<br>• Eye Ointment: 0.3%<br>• Bacterial blepharitis - bacterial conjunctivitis - infective corneal ulcers                                   |
| 481                                                                   | Azithromycin                                            | • Solution (eye drops): 1.5%<br>• Trachoma – bacterial conjunctivitis                                                                                        |
| 482                                                                   | Tetracycline                                            | • Eye ointment: 1%<br>• Bacterial blepharitis - bacterial conjunctivitis - bacterial keratitis – Trachoma.                                                   |
| 483                                                                   | Aciclovir                                               | • Eye Ointment: 3%                                                                                                                                           |

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| 484                                                                                         | Ofloxacin<br>Therapeutic alternatives:<br>ciprofloxacin, levofloxacin,<br>gatifloxacin, moxifloxacin | <ul style="list-style-type: none"> <li>• Eye drops: 0.3%</li> <li>• Bacterial conjunctivitis - bacterial keratitis</li> </ul>                                                                                                                                                                                               |
| 485                                                                                         | Chloramphenicol                                                                                      | <ul style="list-style-type: none"> <li>• Eye drops: 0.5%. Eye ointment: 1%</li> </ul>                                                                                                                                                                                                                                       |
| 486                                                                                         | Oxytetracycline+ Polymyxin                                                                           | <ul style="list-style-type: none"> <li>• Eye ointment</li> </ul>                                                                                                                                                                                                                                                            |
| 487                                                                                         | Sulfacetamide + Prednisolone                                                                         | <ul style="list-style-type: none"> <li>• Eye drops: 100 mg + 2 mg / ml</li> </ul>                                                                                                                                                                                                                                           |
| <b>28.2 Anti-inflammatory agents</b>                                                        |                                                                                                      |                                                                                                                                                                                                                                                                                                                             |
| 488                                                                                         | Prednisolone                                                                                         | <ul style="list-style-type: none"> <li>• Eye drops: 1%</li> <li>• Eye gel: 0.5%</li> </ul>                                                                                                                                                                                                                                  |
| 489                                                                                         | Diclofenac                                                                                           | <ul style="list-style-type: none"> <li>• Eye drops: 0.1%</li> </ul>                                                                                                                                                                                                                                                         |
| <b>28.3 Miotics and antiglaucoma medicines</b>                                              |                                                                                                      |                                                                                                                                                                                                                                                                                                                             |
| 490                                                                                         | Acetazolamide                                                                                        | <ul style="list-style-type: none"> <li>• Solid oral dosage form: 250 mg</li> </ul>                                                                                                                                                                                                                                          |
| 491                                                                                         | Pilocarpine                                                                                          | <ul style="list-style-type: none"> <li>• Eye drops: 1%; 2%; 3%</li> </ul>                                                                                                                                                                                                                                                   |
| 492                                                                                         | Timolol                                                                                              | <ul style="list-style-type: none"> <li>• Eye drops: 0.25%; 0.5%</li> <li>• Eye gel: 0.1%</li> </ul>                                                                                                                                                                                                                         |
| 493                                                                                         | Latanoprost                                                                                          | <ul style="list-style-type: none"> <li>• Eye drops: 0.005%</li> </ul>                                                                                                                                                                                                                                                       |
| 494                                                                                         | Tropicamide                                                                                          | <ul style="list-style-type: none"> <li>• Eye drops: 0.5%; 1%</li> </ul>                                                                                                                                                                                                                                                     |
| <b>28.4 Mydriatics</b>                                                                      |                                                                                                      |                                                                                                                                                                                                                                                                                                                             |
| 495                                                                                         | Atropine                                                                                             | <ul style="list-style-type: none"> <li>• Eye drops: 1%</li> </ul>                                                                                                                                                                                                                                                           |
| 496                                                                                         | Cyclopentolate                                                                                       | <ul style="list-style-type: none"> <li>• Eye drops: 1%</li> </ul>                                                                                                                                                                                                                                                           |
| <b>28.5 Local anesthetics</b>                                                               |                                                                                                      |                                                                                                                                                                                                                                                                                                                             |
| 497                                                                                         | Benoxinate                                                                                           | <ul style="list-style-type: none"> <li>• Eye drops: 0.4%</li> </ul>                                                                                                                                                                                                                                                         |
| <b>28.6 other eye drops</b>                                                                 |                                                                                                      |                                                                                                                                                                                                                                                                                                                             |
| 498                                                                                         | Naphazoline +<br>Chlorpheniramine                                                                    | <ul style="list-style-type: none"> <li>• Eye drops: 0.5 mg /ml + 0.5 mg/ml</li> </ul>                                                                                                                                                                                                                                       |
| <b>29. Medicines Acting on the Respiratory Tract</b>                                        |                                                                                                      |                                                                                                                                                                                                                                                                                                                             |
| <b>29.1 Antiasthmatic medicines and medicines for chronic obstructive pulmonary disease</b> |                                                                                                      |                                                                                                                                                                                                                                                                                                                             |
| 499                                                                                         | Budesonide                                                                                           | <ul style="list-style-type: none"> <li>• Inhalation aerosol, Inhalation powder in capsule: 200 mcg/dose</li> <li>• Nebulizer suspension: 0.25 mg /ml; 0.5 mg/ml</li> </ul>                                                                                                                                                  |
| 500                                                                                         | Budesonide +formoterol                                                                               | <ul style="list-style-type: none"> <li>• Dry powder inhaler: 100 micrograms + 6 micrograms per dose; 200 micrograms + 6 micrograms per dose</li> <li>• Tubular: 320 mcg + 9 mcg</li> </ul>                                                                                                                                  |
| 501                                                                                         | Adrenaline (Epinephrine)                                                                             | <ul style="list-style-type: none"> <li>• Injection: 1 mg/ml</li> </ul>                                                                                                                                                                                                                                                      |
| 502                                                                                         | Terbutaline                                                                                          | <ul style="list-style-type: none"> <li>• Tablet: 2.5 mg</li> <li>• Syrup: 0.3 mg/ml</li> </ul>                                                                                                                                                                                                                              |
| 503                                                                                         | Salbutamol                                                                                           | <ul style="list-style-type: none"> <li>• Inhalation (aerosol): 100 mcg/dose</li> <li>• Metered dose inhaler (aerosol): 100 mcg/dose</li> <li>• Accuhaler: 200 mcg/dose</li> <li>• Tablet: 2 mg; 4 mg; 8 mg</li> <li>• Syrup: 2 mg/5ml</li> <li>• Respirator solution for use in nebulizers: 5 mg/ml (as sulfate)</li> </ul> |
| 504                                                                                         | Beclomethasone                                                                                       | <ul style="list-style-type: none"> <li>• Inhalation (aerosol): 50 mcg/ dose; 100 mcg/dose</li> </ul>                                                                                                                                                                                                                        |
| 505                                                                                         | Ipratropium bromide +<br>Albuterol sulfate                                                           | <ul style="list-style-type: none"> <li>• Nebulizer vial: 100 mcg/20 mcg</li> </ul>                                                                                                                                                                                                                                          |
| 506                                                                                         | Salbutamol+ beclomethasone                                                                           | <ul style="list-style-type: none"> <li>• Metered dose inhaler: 100 mcg + 50 mcg</li> </ul>                                                                                                                                                                                                                                  |
| 507                                                                                         | Formetrol                                                                                            | <ul style="list-style-type: none"> <li>• Inhalation: 12 mcg</li> </ul>                                                                                                                                                                                                                                                      |
| 508                                                                                         | Fluticasone + Salmeterol                                                                             | <ul style="list-style-type: none"> <li>• Inhalation: 50 mcg + 25 mcg; 125 mcg + 25 or 50 mcg; 250 mcg + 50 or 25 mcg; 500 mcg + 50 mcg; 100 mcg + 50 mcg</li> </ul>                                                                                                                                                         |

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| 509                                                                           | Hydrocortisone                            | <ul style="list-style-type: none"> <li>• Tablet: 10 mg</li> <li>• Injection: 100 mg; 250 mg</li> </ul>                                                                                                                                                                                                                                    |
| 510                                                                           | Prednisolone                              | <ul style="list-style-type: none"> <li>• Tablet: 5 mg</li> <li>• Syrup: 5 mg/5ml</li> <li>• Injection: 40 mg/ml</li> </ul>                                                                                                                                                                                                                |
| 511                                                                           | Dexamethasone                             | <ul style="list-style-type: none"> <li>• Injection: 4 mg/ml</li> <li>• Tablet: 0.5 mg; 0.75 mg</li> </ul>                                                                                                                                                                                                                                 |
| 512                                                                           | Omalizumab                                | <ul style="list-style-type: none"> <li>• Injection: 150 mg/1.2ml</li> </ul>                                                                                                                                                                                                                                                               |
| <b>29.2 Bronchodilators</b>                                                   |                                           |                                                                                                                                                                                                                                                                                                                                           |
| 513                                                                           | Aminophylline or other theophylline salts | <ul style="list-style-type: none"> <li>• Injection: 25 mg/ml</li> </ul>                                                                                                                                                                                                                                                                   |
| 514                                                                           | Anhydrous theophylline                    | <ul style="list-style-type: none"> <li>• S.R. tablet: 200 mg; 300 mg; 400 mg</li> </ul>                                                                                                                                                                                                                                                   |
| <b>29.3 Cough Suppressant</b>                                                 |                                           |                                                                                                                                                                                                                                                                                                                                           |
| 515                                                                           | Dextromethorphan                          | <ul style="list-style-type: none"> <li>• Tablet: 10 mg</li> <li>• Syrup: 10 mg/5ml</li> <li>• Oral drops: 10 mg/ml</li> </ul>                                                                                                                                                                                                             |
| <b>29.4 Mucolytics</b>                                                        |                                           |                                                                                                                                                                                                                                                                                                                                           |
| 516                                                                           | Carbocysteine                             | <ul style="list-style-type: none"> <li>• Capsule: 375 mg</li> </ul>                                                                                                                                                                                                                                                                       |
| 517                                                                           | Acetylcysteine                            | <ul style="list-style-type: none"> <li>• Granules in sachets for oral solution; effervescent granules in sachets: 200 mg</li> <li>• Effervescent tablets; effervescent granules in sachets; hard gelatin capsules: 600 mg</li> <li>• Solution for oral inhalation: 100 mg/ml</li> <li>• Solution for I.V. injection: 300 mg/ml</li> </ul> |
| 518                                                                           | Ambroxol                                  | <ul style="list-style-type: none"> <li>• Tablet: 30 mg</li> <li>• S.R. Capsule: 75 mg</li> <li>• Oral drops: 7.5 mg/ml</li> <li>• Syrup: 15 mg/5ml</li> </ul>                                                                                                                                                                             |
| 519                                                                           | Bromhexine                                | <ul style="list-style-type: none"> <li>• Tablet: 8 mg</li> <li>• Syrup: 4 mg/5ml</li> <li>• Oral drops: 30 mg/15ml</li> </ul>                                                                                                                                                                                                             |
| <b>29.5 Expectorants</b>                                                      |                                           |                                                                                                                                                                                                                                                                                                                                           |
| 520                                                                           | Guaiphenesin containing preparations      |                                                                                                                                                                                                                                                                                                                                           |
| <b>30. Solutions Correcting Water, Electrolyte and Acid-Base Disturbances</b> |                                           |                                                                                                                                                                                                                                                                                                                                           |
| <b>30.1 Oral</b>                                                              |                                           |                                                                                                                                                                                                                                                                                                                                           |
| 521                                                                           | Oral rehydration salts                    | <ul style="list-style-type: none"> <li>• Oral rehydration solution.</li> </ul>                                                                                                                                                                                                                                                            |
| 522                                                                           | Potassium chloride                        | <ul style="list-style-type: none"> <li>• Tablet: 600 mg</li> <li>• Syrup: 0.165 g / 5 ml</li> </ul>                                                                                                                                                                                                                                       |
| <b>30.2 Parenteral</b>                                                        |                                           |                                                                                                                                                                                                                                                                                                                                           |
| 523                                                                           | Glucose                                   | <ul style="list-style-type: none"> <li>• Injectable solution: 5% (isotonic); 10% (hypertonic); 25% (hypertonic); 50% (hypertonic)</li> </ul>                                                                                                                                                                                              |
| 524                                                                           | Sodium chloride                           | <ul style="list-style-type: none"> <li>• Injection: 0.45%; 0.9%</li> </ul>                                                                                                                                                                                                                                                                |
| 525                                                                           | Sodium bicarbonate                        | <ul style="list-style-type: none"> <li>• Injection: 8.4%</li> </ul>                                                                                                                                                                                                                                                                       |
| 526                                                                           | Ringer Lactate Solution                   | <ul style="list-style-type: none"> <li>• Injectable solution</li> </ul>                                                                                                                                                                                                                                                                   |
| 527                                                                           | Ringer acetate solution                   | <ul style="list-style-type: none"> <li>• Injectable solution</li> </ul>                                                                                                                                                                                                                                                                   |
| 528                                                                           | Human Albumin                             | <ul style="list-style-type: none"> <li>• Injectable solution: 20%</li> </ul>                                                                                                                                                                                                                                                              |

| 31. Antiseptics and Disinfectants |                                 |                                                           |
|-----------------------------------|---------------------------------|-----------------------------------------------------------|
| 31.1 Antiseptics                  |                                 |                                                           |
| 529                               | Ethanol                         | • Solution: 70%                                           |
| 530                               | Iodine free antiseptic solution | • Solution                                                |
| 531                               | Povidone iodine                 | • Solution: 7.5%; 10%                                     |
| 31.2 Disinfectants                |                                 |                                                           |
| 532                               | Alcohol based hand rub          | • Solution containing isopropyl alcohol 75% volume/volume |
| 533                               | Chlorine base compound          | • Powder: (0.1% available chlorine) for solution          |
| 534                               | Chloroxylonol                   | • Solution: 4.8%                                          |
| 535                               | Glutaral                        | • Solution: 2%                                            |



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