

# National Essential Medicines List

# 2014



Republic of the Sudan  
Federal Ministry of Health  
**Directorate General of Pharmacy**





**Federal Ministry of Health**  
**Directorate General of Pharmacy**



## **Sudan National Essential Medicines List**

**2014**

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Ministerial Order No. ( 11 ) 2014

Adoption of the National List of Essential Medicines 2014

I, the Federal Ministry of Health, considering the important role the National List of Essential Medicines plays in the achieving the objectives of the National Medicines Policy 2013 and the National Health Sector Strategic Plan 2012 – 2016, as it enlists essential safe and effective medicines needed for prescribed medical and health care for the population in accordance with the principles and standards specified in the National Medicines Policy; and in exercise of the powers conferred upon me by section (81) of the Public Health Act 1975; I hereby make the following order:

**Firstly:** Title and commencement;

This order may cited as “Adoption of The National List of Essential Medicines 2014” and shall come into force on the date of its signature.

**Secondly:** The attached National List of Essential Medicines is hereby adopted.

**Thirdly:** The Directorate General of Pharmacy – Federal Ministry of Health shall prepare a data sheet in the prescribed form for each medicine in the National List of Essential Medicines.

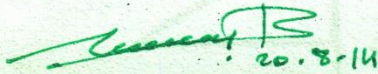
**Fourthly:** All concerned departments in the Federal Ministry of Health, Central Medical stores Public Corporation and states ministries of health shall endeavor to make available all essential medicines mentioned in the list to all health facilities according to their prescribed levels of use.

**Fifthly:** The Directorate General of Pharmacy – Federal Ministry of Health shall undertake the responsibility of printing and distributing the National List of Essential Medicines and data sheets to all health facilities in the public and private sectors and to all medical and pharmaceutical training institutions.

**Sixthly:** The Directorate General of Pharmacy – Federal Ministry of Health shall direct all health personnel in the public sector to use generic names used in the National List of Essential Medicines when prescribing medicines for patients and when ordering or importing medicines in the public sector.

**Seventhly:** The directorate General of Pharmacy – Federal Ministry of Health in the presence of the relevant senior medical consultant shall revise the National List of Essential Medicines at least once a year; and the comprehensive revision of the list shall take place at least every two years in the manner prescribed in the National Medicines Policy.

Issued under my signature, on 24. Shawal.1435. corresponding 20. August.2014.

  
20.8.14

Mr. Bahar Idriess Abu Garda  
The Federal Minister of Health  
Sudan



# Sudan National Essential Medicines List

## Introduction

In 1981; the Ministry of Health formulated a national drug policy (NDP) based on the concept of essential medicines. The first component of the NDP to be implemented was the selection of a national list of essential drugs (NLED). Although the first NLED was selected in 1981 and first published in 1982 yet it was not officially adopted.

In 1985; a national workshop was convened in Khartoum in which the 1982 NLED was revised and updated and levels of use allocated; but again it was not officially adopted.

In 1987 the NLED was revised by the Technical Committee for Drug Products Registration. The revised NLED was adopted by Ministerial Order No. 7 dated 15 October 1987 and published.

In November 1993; a national workshop was convened in Khartoum and revised 1987 NLED. The updated NLED was eventually adopted by Ministerial Order No. 4 dated 15 April 1995; printed in English (original) and Arabic and widely distributed.

In November 2001; a national workshop was convened in Khartoum and revised 1995 NLED; the updated list although not officially adopted; yet it was widely accepted and used. Eventually the NLED was updated by the Standing Committee for Drug Product Registration in May 2004 and its title was changed to the National List of Essential Medicines as adopted by WHO.

In May 2012; the Undersecretary – Federal Ministry of Health issued the Administrative decree No. (27) 2012 to formulate the National committee for updating the NEML 2007. 9 subcommittees have been formulated and in August 2013; the NEML Consensus Workshop was convened in Khartoum and get consensus on the updated list.

## Levels of use

- AA.** Medicines used in health facilities run by community health workers.
- A.** Medicines used in health centers run by medical assistants (in addition to AA medicines).
- B.** Medicines used in hospitals and health centres run by medical officers (in addition to A; AA medicines).
- C.** Medicines used in hospitals with specialist departments (in addition to A; AA; B medicines).
- S.** Medicines used in specialized centers or units in some designated hospitals (in addition to all other essential medicines).

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

| 1. Anaesthetics                      |   |   |
|--------------------------------------|---|---|
| 1.1. General anaesthetics and oxygen |   |   |
| Air                                  | <b>Inhalation</b>   | S |
| Etomidate                            | <b>Injection:</b> 2 mg/ml in 10 ml ampoule  | C |
| Halothane                            | <b>Inhalation</b>   | C |
| Isoflurane                           | <b>Inhalation</b>   | C |
| Ketamine                             | <b>Injection:</b> 50 mg (as hydrochloride)/ml in 10 ml vial   | B |
| Nitrous oxide                        | <b>Inhalation</b>   | B |
| Oxygen                               | <b>Inhalation</b> (medicinal gas)   | B |
| Propofol                             | <b>Injection:</b> 10 mg/ml (1%) Emulsion for Injection/Infusion   | C |
| Sevoflurane                          | <b>Inhalation</b>   | S |
| 1.2. Local anaesthetics              |   |   |
| Bupivacaine                          | <b>Injection:</b> 0.25%; 0.5% (hydrochloride) in 10 ml ampoule  | C |
|                                      | <b>Injection for spinal anesthesia:</b> 0.5% (hydrochloride) in 4 ml ampoule to be mixed with 7.5% glucose solution | C |
| Ephedrine                            | <b>Injection:</b> 15 mg (sulfate) /ml in 2 ml ampoule   | C |
|                                      | <b>Injection:</b> 30 mg (as hydrochloride) /ml in 1 ml ampoule  |   |
| Lidocaine                            | <b>Injection:</b> 1%; 2% (hydrochloride) in 10 ml ampoule   | A |
|                                      | <b>Injection for spinal anaesthesia:</b> 5% (hydrochloride) in 2 ml ampoule to be mixed with 7.5% glucose solution  | B |
|                                      | <b>Topical forms:</b> 2-10% (hydrochloride)   | C |
| Lidocaine + epinephrine              | <b>Dental cartridge:</b> 2% (hydrochloride)+ epinephrine 1:80 000   | B |
|                                      | <b>Injection:</b> 1%; 2% (hydrochloride) + epinephrine 1:200;000 in 10 ml ampoule                                   | A |
| Ropivacaine                          | <b>Injection:</b> 7.5 mg/ml in 10 ml ampoule  | C |
|                                      | <b>Injection:</b> 1%; 2% (hydrochloride) in 10 ml ampoule   | A |
| 1.3. Preoperative medication         |   |   |
| Atropine                             | <b>Injection:</b> 1 mg (sulfate) in 1 ml ampoule  | B |
| Dexmedetomidine                      | <b>Injection:</b> 200 micrograms/2ml vial   | S |
| Diazepam                             | <b>Injection:</b> 5 mg/ml in 2 ml ampoule   | B |
|                                      | <b>Tablets:</b> 5 mg  |   |
| Droperidol                           | <b>Injection:</b> 2.5 mg/ml in 2 ml ampoule   | C |
| Esmolol                              | <b>Injection:</b> 10 mg/ml in 10 ml vial  | S |
| Fentanyl                             | <b>Injection:</b> 50 micrograms/ml ( as citrate ) in 2 ml ampoule   | C |
| Hyoscine hydrobromide                | <b>Injection:</b> 400 microgram/ml  | B |
| Labetolol                            | <b>Injection:</b> 5 mg/ml in 20 ml ampoule  | S |
| Metoclopramide                       | <b>Injection:</b> 5 mg/ml in 2 ml ampoule   | B |
| Midazolam                            | <b>Injection:</b> 5 mg (as hydrochloride)/ml ; in 3 ml ampoule  | C |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|  |   |    |
|--|---|----|
| Morphine   | <b>Injection:</b> 10 mg (sulfate or hydrochloride) in 1 ml ampoule          | B  |
| Nimodipine   | <b>Infusion:</b> 200 micrograms/ml  | S  |
| Ondansetron  | <b>Injection:</b> 2 mg/ml in 2 ml ampoule                                   | B  |
|  | <b>Tablets:</b> 4 mg  |    |
| Pethidine  | <b>Injection:</b> 50 mg (as hydrochloride) in 1 ml ampoule                  | B  |
| Phenylephrine  | <b>Injection:</b> 10% in 1ml vial   | S  |
| Promethazine   | <b>Elixir or syrup:</b> 5 mg ( hydrochloride)/5ml                           | B  |
| <b>2. Analgesics; antipyretics; non-steroidal anti-inflammatory medicines and medicines used to treat gout</b> |   |    |
| <b>2.1 Non-opioids</b>   |   |    |
| Acetylsalicylic acid   | <b>Tablets:</b> 300 mg  | AA |
|  | <b>Tablets:</b> 100 mg  | AA |
| Celecoxib  | <b>Tablets:</b> 100 mg  | S  |
| Diclofenac Potassium   | <b>Tablets:</b> 50 mg   | B  |
| Diclofenac Sodium  | <b>Injection:</b> 75 mg   | B  |
|  | <b>Tablets:</b> 25 mg; 50 mg  |    |
|  | <b>Suppositories:</b> 100 mg  |    |
|  | <b>Tablets:</b> (Sustained Release) 100 mg                                  |    |
|  | <b>Gel:</b> 1%  |    |
| Ibuprofen  | <b>Tablets:</b> 200 mg; 400 mg; 600 mg                                      | B  |
| Indomethacin   | <b>Capsule or Tablets:</b> 25 mg  | C  |
| Naproxen   | <b>Tablets:</b> 250 mg; 500 mg  | C  |
| Paracetamol  | <b>Tablets:</b> 500 mg  | AA |
|  | <b>Syrup:</b> 125 mg/5 ml   | AA |
|  | <b>Suppository:</b> 125 mg; 250 mg  | B  |
| Piroxicam  | <b>Tablets:</b> 10 mg; 20 mg  | C  |
| <b>2.2 Opioid analgesics</b>   |   |    |
| Morphine   | <b>Injection:</b> 10 mg (sulfate or hydrochloride) in 1 ml ampoule          | B  |
|  | <b>Tablets:</b> 10 mg ( sulfate )   |    |
|  | <b>Oral solution:</b> 10 mg (hydrochloride or sulfate) /5ml                 |    |
| <b>2.3. Medicines used to treat gout</b>   |   |    |
| Allopurinol  | <b>Tablets:</b> 100 mg; 300 mg  | C  |
| Colchicine   | <b>Tablets:</b> 500 micrograms  | C  |
| <b>2.4. Disease modifying agents used in rheumatic disorders</b>   |   |    |
| Azathioprine   | <b>Tablets:</b> 50 mg   | C  |
| Cyclophosphamide   | <b>Tablets:</b> 25 mg   | C  |
| Hydroxychloroquine   | <b>Tablets:</b> 200 mg (as sulfate).  | C  |
| Methotrexate   | <b>Tablets:</b> 2.5 mg  | C  |
| Penicillamine  | <b>Capsule or Tablets:</b> 250 mg   | C  |
| Sulfasalazine  | <b>Tablets:</b> 500 mg  | C  |
| <b>3. Antiallergic and medicines used in anaphylaxis</b>   |   |    |
| Adrenaline   | <b>IM Injection:</b> 1 mg/ ml ampoule<br>0.5 mg for adult, 0.3 mg for child | B  |
| Budesonide   | <b>Nasal spray</b> (doses depend on preparation concentration)              | C  |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|   |  |   |
|---|--|---|
| Ceterizine  | <b>Tablets:</b> 10 mg<br><b>Oral solution:</b> 5 mg/5 ml<br>* Loratadine is a suitable alternative                                     | B |
| Fexofenadine  | <b>Oral Tablets:</b> 120 mg; 180 mg  | B |
| Fluticasone furoate   | <b>Nasal spray:</b> (doses depend on preparation concentration)<br>* Beclomethasone Dipropionate nasal spray is a suitable alternative | B |
| Levocabastine   | <b>Eye drops:</b> 0.5 mg/ml  | B |
| Nedocromil  | <b>Inhaled aerosols:</b> 4 mg  | B |
|   | <b>Eye drops:</b> 2% 5ml   |   |
| <b>4. Antidotes and other substances used in poisonings</b> |  |   |
| <b>4.1. Non-specific</b>                                    |  |   |
| Charcoal activated  | Powder   | A |
| Ipecacuanha   | <b>Syrup:</b> containing 0.14% ipecacuanha alkaloids calculated as emetine   | B |
| <b>4.2. Specific</b>  |  |   |
| Acetylcysteine  | <b>Injection:</b> 200 mg/ml in 10 ml ampoule   | B |
| Atropine  | <b>Injection:</b> 1 mg(sulfate) in 1 ml ampoule  | B |
| Bemegride   | <b>Infusion:</b> 0.5% solution in 10 ml ampoule  | C |
| Calcium gluconate   | <b>Injection:</b> 100 mg/ml in 10 ml ampoule.  | C |
| Dicobalt edetate  | <b>Injection:</b> 300 mg in 15mg/ml amp  | C |
| Dimercaprol (BAL)   | <b>Injection</b> in oil: 50 mg/ml in 2-ml ampoule  | S |
| Fullers earth   | <b>Suspension:</b> 15%   | C |
| Magnesium sulphate  | <b>Intramuscular Injection:</b> 500 mg/ml  | B |
| Methadone   | <b>Tablets:</b> 5 mg   | S |
|   | <b>Injection:</b> 10 mg/ml   |   |
| Naloxone  | <b>Injection:</b> 400 micrograms ( hydrochloride ) in 1 ml ampoule   | C |
| Neostigmine   | <b>Injection:</b> 2.5 mg/ml ampoule  | B |
| N-methionine  | <b>Tablets:</b> 250 mg   | B |
| Noradrenaline   | <b>Injectable solution:</b> 1 mg/1ml in 5 ml vial  | C |
| Paraldehyde   | <b>Enema:</b> 8 - 50%  | B |
| Phytomenadione  | <b>Injection:</b> 1 mg/ml; 10 mg/ml in 5 ml  | B |
|   | <b>Tablets:</b> 10 mg  |   |
| Sodium lactate  | <b>Injectable solution</b>   | B |
| Sodium nitrate  | <b>Injection:</b> 30 mg/ml in 10 ml ampoule  | S |
| Sodium thiosulphate   | <b>Injection:</b> 250 mg/ml in 50 ml ampoule.  | S |
| <b>5- Anticonvulsants/antiepileptics</b>                    |  |   |
| Botulinum toxin   | <b>Injection:</b> 50 units vial  | C |
| Carbamazepine   | <b>Tablets (Sustained Release):</b> 100 mg; 200 mg; 400mg  | B |
|   | <b>Syrup:</b> 100 mg/5 ml  | B |
|   | <b>Tablets (Immediate Release):</b> 100 mg and 200 mg  | B |
| Clonazepam  | <b>Tablets:</b> 500 micrograms; 2mg  | B |
|   | <b>Injection:</b> 1 mg/ml  |   |
| Diazepam  | <b>Injection:</b> 5 mg/ml in 2-ml ampoule  | B |
|   | <b>Gel or rectal solution:</b> 4 mg/ml in 0.5 ml; 2 ml; 4 ml tube  | C |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|  |  |    |
|--|--|----|
| Ethosuximide                             | <b>Capsule:</b> 250 mg   | S  |
|  | <b>Syrup:</b> 250 mg/5 ml  | S  |
| Gabapentin                               | <b>Tablet:</b> 100 mg; 200 mg; 400 mg  | C  |
| Lamotrigine                              | <b>Tablets:</b> 25 mg; 100 mg  | C  |
| Levetiracetam                            | <b>Tablets:</b> 500 mg   | C  |
|  | <b>Oral solution:</b> 100 mg/ml  | C  |
| Lorazepam                                | <b>Tablets:</b> 1 mg   | B  |
|  | <b>Injection:</b> 2 mg/ml in 1ml ampoule; 4 mg/ml in 1ml ampoule   | B  |
| Magnesium sulphate*                      | <b>Intramuscular Injection:</b> 500 mg/ml<br>* For use in eclampsia and severe pre-eclampsia and not for other convulsant disorders. | C  |
| Phenobarbital                            | <b>Oral liquid:</b> 15 mg/5 ml   | B  |
|  | <b>Injection:</b> 200 mg/ml in 1-ml ampoule  | B  |
|  | <b>Tablets:</b> 30 mg  | B  |
| Phenytoin                                | <b>Capsule or Tablets:</b> 25 mg; 50 mg; 100 mg (sodium salt)  | B  |
|  | <b>Tablets (chewable):</b> 50 mg   | B  |
|  | <b>Oral suspension:</b> 30 mg/ml (sodium salt)   | B  |
|  | <b>Injection:</b> 50 mg ( sodium salt)/ml in 5-ml vial   | C  |
| Topiramate                               | <b>Tablets:</b> 25 mg; 100 mg; 200 mg  | C  |
| Valproic acid (Sodium Valporate)         | <b>Tablets (enteric coated):</b> 200 mg; 500 mg ( sodium salt)   | C  |
|  | <b>Tablets (Crushable):</b> 100mg  | C  |
|  | <b>Syrup:</b> 200 mg/5ml   | C  |
| Vigabatrin                               | <b>Powder:</b> 500 mg/sachet   | C  |
|  | <b>Tablets:</b> 500 mg   |    |
| <b>6- Anti-infective medicines</b>       |  |    |
| 6.1. Anthelmintic medicines              |  |    |
| 6.1.1. Intestinal anthelmintics          |  |    |
| Albendazole                              | <b>Tablets:</b> 400 mg   | AA |
| Mebendazole                              | <b>Tablets:</b> 100 mg;  | A  |
|  | <b>Suspension:</b> 100 mg/5ml  |    |
| Niclosamide                              | <b>Tablets (Chewable):</b> 500 mg  | B  |
| Praziquantel                             | <b>Tablets:</b> 150 mg; 600 mg   | B  |
| 6.1.2. Antifilarials                     |  |    |
| Albendazole                              | <b>Tablets (Chewable):</b> 400 mg  | C  |
| Ivermectin                               | <b>Tablets (scored):</b> 3 mg; 6 mg  | C  |
| 6.1.3. Antischistosomes and Antirematode |  |    |
| Praziquantel                             | <b>Tablets:</b> 600 mg   | B  |
| 6.2. Antibacterials                      |  |    |
| 6.2.1. Beta-lactam medicines             |  |    |
| Amoxicillin                              | <b>Capsule or Tablets:</b> 250 mg; 500 mg (as trihydrate; anhydrous)   | A  |
|  | <b>Powder for oral suspension:</b> 125mg/5ml; 250 mg/5ml (as trihydrate; anhydrous)  | A  |
| Amoxicillin + clavulanic acid            | <b>Oral liquid:</b> 125 mg/5ml amoxicillin + 31.25 mg/5ml clavulanic acid; 250 mg/5ml amoxicillin + 62.5 mg/5ml clavulanic acid      | C  |

| Name of the Medicine        | Route of Administration, Dosage form and strength   | Level of Use |
|-----------------------------|---|--------------|
|                             | <b>Tablets:</b> 500 mg amoxicillin + 125 mg clavulanic acid   | C            |
|                             | <b>Injection:</b> 500/100 (powder for reconstitution; amoxicillin 500 mg as sodium salt and clavulanic acid 100 mg as potassium salt)   | C            |
|                             | <b>Injection:</b> 1000/200 (powder for reconstitution; amoxicillin 1000 mg as sodium salt and clavulanic acid 200 mg as potassium salt) | C            |
| Ampicillin                  | <b>Powder for Injection:</b> 500 mg; 1 g (as sodium salt) in vial   | A            |
| Benzathine benzylpenicillin | <b>Powder for Injection:</b> 2.4 million IU; 1.2 million IU; 600.000 IU in 5ml vial   | B            |
| Benzylpenicillin            | <b>Powder for Injection:</b> 600 mg (= 1 million IU); 3 g (= 5 million IU) (sodium or potassium salt) in 5ml vial                       | A            |
| Cefaclor                    | <b>Capsule:</b> 500 mg (monohydrate)  | C            |
|                             | <b>Syrup:</b> 125 mg/5ml  | C            |
| Cefalexin                   | <b>Powder for oral suspension:</b> 125 mg/5ml; 250 mg/5ml (anhydrous)   | C            |
|                             | <b>Tablets:</b> 250 mg (as monohydrate)   | C            |
| Cefazolin                   | <b>Powder for Injection:</b> 1 g (as sodium salt) in vial   | A            |
| Cefotaxime                  | <b>Powder for Injection:</b> 500 mg; 1 g per vial (as sodium salt)  | C            |
| Cefuroxime                  | <b>Injection:</b> 750 mg; 1.5 g (powder for reconstitution).  | C            |
| Ceftazidime                 | <b>Powder for Injection:</b> 250 mg; 1 g (as pentahydrate) in vial  | C            |
| Ceftriaxone                 | <b>Powder for Injection:</b> 250 mg; 1g (as sodium salt) in vial  | C            |
|                             | <b>Powder for oral suspension:</b> 125 mg/5ml (as sodium salt)  | C            |
| Cloxacillin                 | <b>Capsule:</b> 500 mg (as sodium salt)   | C            |
|                             | <b>Powder for Injection:</b> 500 mg; 1g (as sodium salt) in vial  | C            |
| Ertapenem                   | <b>Powder for Injection:</b> 1 g in vial  | C            |
| Imipenem + cilastatin       | <b>Powder for Injection:</b> 250 mg (as monohydrate) + 250 mg; 500 mg (as monohydrate)+ 500 mg in vial                                  | C            |
| Phenoxyethyl penicillin     | <b>Tablets:</b> 250 mg (as potassium);  | C            |
|                             | <b>Oral solution:</b> 125 mg/5ml (powder as potassium salt)   | C            |
| Piperacillin + Tazobactam   | <b>Injection:</b> 2.25 g; 4.5 g vial  | C            |
| Procaine penicillin         | <b>Powder for Injection:</b> 1 g (= 1 million) in vial  | C            |
| 6.2.2. Other Antibacterials |   |              |
| Azithromycin                | <b>Capsule:</b> 250 mg; 500 mg (anhydrous)  | B            |
|                             | <b>Oral liquid:</b> 200 mg/5 ml.  |              |
|                             | <b>Capsule:</b> 250 mg  | B            |
| Chloramphenicol             | <b>Powder for Injection:</b> 1 g (as sodium succinate ) in vial   | B            |
|                             | <b>Oily suspension for Injection:</b> 0.5 gm /ml in 2 ml ampoule (as sodium succinate)  | B            |
|                             | <b>Tablets:</b> 250 mg; 500 mg (as hydrochloride )  | C            |
| Ciprofloxacin               | <b>Solution for IV infusion:</b> 2 mg/ml (as hyclate)   | C            |
|                             | <b>Tablets:</b> 250 mg; 500 mg.   | B            |
| Clarithromycin              | <b>Oral liquid:</b> 125mg; 250 mg/5 ml  | B            |
|                             | <b>Powder for Injection:</b> 500 mg (lactobionate) in vial  | C            |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|                                     |   |    |
|-------------------------------------|---|----|
| Clindamycin                         | <b>Capsule:</b> 150 mg; 300mg   | C  |
|                                     | <b>Injection:</b> 150 mg; 600mg (as phosphate)/ml   |    |
|                                     | <b>Oral liquid:</b> 75 mg/5 ml (as palmitate)   |    |
| Colistin                            | <b>Injection:</b> 1 million-unit vials; 2 million-unit vial (Colistin sulphamethate sodium) | C  |
| Daptomycin                          | <b>Intravenous Infusion:</b> 500mg vial (powder for reconstitution)                         | C  |
| Doxycycline                         | <b>Capsule or Tablets:</b> 100 mg (as hydrochloride)  | B  |
| Erythromycin                        | <b>Capsule or Tablets:</b> 250 mg (as stearate or ethyl succinate)                          | B  |
|                                     | <b>Powder for Injection:</b> 500 mg; 1g (as lactobionate)                                   | C  |
|                                     | <b>Powder for oral liquid:</b> 125 mg/5 ml (as stearate or estolate or ethyl succinate)     | B  |
| Gentamicin                          | <b>Injection:</b> 40 mg (as sulfate)/ml in 2 ml vial  | B  |
| Linezolid                           | <b>Intravenous Infusion:</b> 2 mg/ml in 300 ml  | C  |
| Metronidazole                       | <b>Tablets:</b> 250 mg; 500 mg  | A  |
|                                     | <b>Oral suspension:</b> 200 mg (as benzoate)/5ml  | A  |
|                                     | <b>Injection:</b> 500 mg in 100 ml vial   | A  |
|                                     | <b>Vaginal Tablets:</b> 500 mg; 1 gm  | A  |
| Nitrofurantoin                      | <b>Tablets:</b> 100 mg  | C  |
|                                     | <b>Oral liquid:</b> 25 mg/5 ml  |    |
| Spectinomycin                       | <b>Powder for Injection:</b> 2 g (as hydrochloride) in vial                                 | C  |
| Sulfamethoxazole + Trimethoprim     | <b>Tablets:</b> 100 mg + 20 mg; 400 mg + 80 mg  | AA |
|                                     | <b>Tablets:</b> 800 + 160 mg  | B  |
|                                     | <b>Oral suspension:</b> 200 mg + 40 mg/5ml; 400mg + 80mg/5ml                                | AA |
|                                     | <b>Injection:</b> (80 + 16 mg)/ml ; in10 ml ampoule   | C  |
| Tigecycline                         | <b>Intravenous Infusion:</b> 50mg vial (powder for reconstitution)                          | C  |
| Tobramycin                          | <b>Injection:</b> 10 mg; 40 mg (as sulfate) in 2 ml vial                                    | C  |
| Trimethoprim                        | <b>Tablets:</b> 100 mg; 200 mg  | C  |
|                                     | <b>Injection:</b> 20 mg/ml in 5 ml ampoule  | C  |
|                                     | <b>Oral liquid:</b> 50 mg/5 ml  | C  |
|                                     | <b>Injection:</b> 0.5g; 1g (as hydrochloride) in vial                                       | C  |
| 6.2.3. Antileprosy medicines        |   |    |
| Clofazimine                         | <b>Capsule:</b> 50 mg; 100 mg   | C  |
| Dapsone                             | <b>Tablets:</b> 25 mg; 50 mg; 100 mg  | C  |
| Rifampicin                          | <b>Capsule:</b> 150 mg; 300 mg  | C  |
| 6.2.4. Antituberculosis medicines   |   |    |
| Amikacin                            | <b>Powder for Injection:</b> 100 mg; 500 mg; 1 g (as sulfate) in vial.                      | C  |
| Capreomycin                         | <b>Powder for Injection:</b> 1 g (as sulfate) in vial                                       | C  |
| Cycloserine                         | <b>Solid oral dosage form:</b> 250 mg.  | C  |
| Ethambutol                          | <b>Tablets:</b> 100 mg; 400 mg ( hydrochloride )  | B  |
| Ethionamide                         | <b>Tablets:</b> 125 mg; 250 mg  | C  |
| Ethambutol + isoniazid + rifampicin | <b>Tablets:</b> 275 mg + 75 mg + 150 mg.  | B  |

| Name of the Medicine                                | Route of Administration, Dosage form and strength                                      | Level of Use |
|---|--|--------------|
| Isoniazid   | <b>Tablets:</b> 50 mg ; 100 mg; 300 mg   | B            |
| Kanamycin   | <b>Powder for Injection:</b> 1 g (as sulfate) in vial                                  | C            |
| Ofloxacin   | <b>Tablets:</b> 200 mg; 400 mg.  | C            |
| P-aminosalicylic acid                               | <b>Granules:</b> 4 g in sachet.  | C            |
|   | <b>Tablets:</b> 500 mg.  |              |
| Pyrazinamide  | <b>Tablets:</b> 500 mg   | B            |
| Rifampacin + isoniazide + Pyrazinamide + ethambutol | <b>Tablets:</b> 150 mg + 75 mg + 400 mg + 275 mg                                       | B            |
| Rifampicin + Isoniazid                              | <b>Tablets:</b> 60 mg + 30 mg; 150 mg + 75 mg; 150 mg + 100 mg; 300 mg + 150 mg        | B            |
|   | <b>Tablets:</b> 60 mg + 60 mg (for intermittent use)                                   | B            |
|   | <b>Tablets:</b> 150mg +150 mg (for intermittent use)                                   | B            |
| Rifampacin + isoniazide + Pyrazinamide              | <b>Tablets:</b> 60mg + 30mg + 150 mg; 120 mg + 50 mg + 300 mg ; 150mg + 75 mg + 400 mg | B            |
|   | <b>Tablets:</b> 150 mg + 150 mg + 500 mg (for intermittent use)                        | B            |
| Streptomycin  | <b>Powder for Injection:</b> 1 g ( as sulfate ) in vial                                | B            |
| <b>6.3. Antifungal Medicines</b>                    |  |              |
| Clotrimazole  | <b>Vaginal cream:</b> 1%; 10%.   | B            |
|   | <b>Vaginal Tablets:</b> 100 mg; 500 mg.  | B            |
| Fluconazole   | <b>Capsule:</b> 50 mg  | B            |
|   | <b>Injection:</b> 2 mg/ml in vial  |              |
| Flucytosine   | <b>Capsule:</b> 250 mg   | C            |
|   | <b>Infusion:</b> 2.5 g in 250 ml   | C            |
| Griseofulvin  | <b>Capsule or Tablets:</b> 125 mg; 250 mg  | B            |
|   | <b>Oral liquid:</b> 125 mg/5ml   | C            |
| Itraconazole  | <b>Tablets:</b> 100mg  | C            |
| Ketoconazole  | <b>Tablets:</b> 200 mg   | C            |
|   | <b>Cream:</b> 10%  | C            |
| Nystatin  | <b>Tablets:</b> 100 000 IU ; 500 000 IU  | B            |
|   | <b>Pessary:</b> 100 000 IU   | B            |
|   | <b>Lozenges:</b> 100 000 IU  | B            |
|   | <b>Oral liquid:</b> 50 mg/5 ml ; 100 000 IU/ml   | C            |
| Voriconazole  | <b>Tablet:</b> 50 mg; 200 mg   | C            |
|   | <b>Oral suspension:</b> 200 mg/5ml   |              |
|   | <b>Intravenous infusion:</b> 200 mg vial (powder for reconstitution)                   |              |
| <b>6.4. Antiviral medicines</b>                     |  |              |
| <b>6.4.1. Antiherpes medicines</b>                  |  |              |
| Aciclovir   | <b>Tablets:</b> 200 mg   | C            |
|   | <b>Powder for Injection:</b> 250 mg (as sodium salt) in vial                           | C            |
|   | <b>Oral liquid:</b> 200 mg/5 ml  | C            |
| Foscarnet   | <b>IV infusion:</b> 24mg/ml in 250ml   | C            |
| Ganciclovir   | <b>Injection:</b> 500mg/ml vial  | C            |
| Oseltamivir   | <b>Capsule:</b> 30 mg; 45 mg; 75 mg (as phosphate).                                    | C            |
|   | <b>Oral powder:</b> 12 mg/ml   |              |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

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|--|---|---|
| Ribavirin  | <b>Inhalation solution:</b> 6g/100ml vial   | C |
|  | <b>Tablets:</b> 200 mg  |   |
| Valganciclovir   | <b>Tablets:</b> 450mg   | C |
| 6.4.2. Antiretroviral medicines                          |   |   |
| 6.4.2.1. Nucleoside Reverse Transcriptase Inhibitors     |   |   |
| Abacavir (ABC)   | <b>Tablets:</b> 300 mg (as sulphate)  | C |
|  | <b>Oral solution:</b> 100 mg (as sulphate)/5ml  |   |
| Didanosine (ddi)   | <b>Tablets:</b> 25 mg; 100 mg   | C |
|  | <b>Tablets</b> (buffered chewable; dispersible): 50 mg; 150 mg; 200 mg.                             | C |
|  | <b>Capsule</b> (unbuffered enteric-coated): 125 mg; 200 mg; 250 mg; 400 mg.                         | C |
|  | <b>Buffered powder for oral liquid:</b> 100 mg; 167 mg; 250 mg packets                              | C |
| Lamivudine (3TC)   | <b>Tablets:</b> 150 mg  | C |
|  | <b>Oral Solution:</b> 50 mg/5ml   |   |
| Tenofovir disoproxil fumarate (TDF)                      | <b>Tablets:</b> 300 mg (tenofovir disoproxil fumarate – equivalent to 245 mg tenofovir disoproxil). | C |
| Zidovudine (ZDV)   | <b>Tablets:</b> 300 mg  | C |
|  | <b>Capsule:</b> 100 mg; 250 mg  |   |
|  | <b>Oral Solution or syrup:</b> 50 mg/5ml  |   |
|  | <b>Solution for IV infusion:</b> 10 mg/ml in 20-ml vial   |   |
| Zidovudine+ lamivudine+ abacavir                         | <b>Tablets:</b> 300 mg+ 150 mg+ 300 mg  | C |
| 6.4.2.2. Non-Nucleoside Reverse Transcriptase Inhibitors |   |   |
| Delavirdine (DLV)  | <b>Capsule:</b> 100 mg  | C |
| Efavirenz (EFV)  | <b>Tablets:</b> 200 mg  | C |
|  | <b>Capsule:</b> 50 mg; 100 mg; 200 mg.  | C |
|  | <b>Tablets:</b> 600 mg.   | C |
|  | <b>Oral Suspension:</b> 150 mg/5ml  | C |
| Nevirapine (NVP)   | <b>Tablets:</b> 200 mg  | C |
|  | <b>Oral solution:</b> 50 mg/5ml   |   |
| 6.4.2.3. Protease inhibitors                             |   |   |
| Atazanavir   | <b>Solid oral dosage form:</b> 100 mg; 150 mg; 300 mg (as sulfate)                                  | C |
| Indinavir (IDV)  | <b>Capsule:</b> 200 mg (as sulphate)  | C |
|  | <b>Solid oral dosage form:</b> 400 mg (as sulfate).   | C |
| Lopinavir + ritonavir (LPV/r)                            | <b>Capsule:</b> 133.3 mg+ 33.3 mg   | C |
|  | <b>Oral solution:</b> 400 mg+ 100 mg/5m   |   |
|  | <b>Tablets (heat stable):</b> 100 mg + 25 mg; 200 mg + 50 mg  |   |
| Nelfinavir (NFV)   | <b>Tablets:</b> 250 mg (as mesilate)  | C |
|  | <b>Oral powder:</b> 50 mg/5ml   |   |
| Ritonavir (RTV)  | <b>Capsule:</b> 100 mg  | C |
|  | <b>Oral solution:</b> 400 mg/5ml  | C |
|  | <b>Tablets (heat stable):</b> 25 mg; 100 mg   | C |
| Saquinavir (SQV)   | <b>Capsule:</b> 200 mg  | C |
|  | <b>Solid oral dosage form:</b> 500 mg (as mesilate)   | C |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
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|---|--|----|
| 6.4.2.4. Fixed-Dose Combinations                  |  |    |
| Efavirenz + Emtricitabine + Tenofovir             | <b>Tablets:</b> 600 mg + 200 mg + 300 mg (disoproxil fumarate equivalent to 245 mg tenofovir disoproxil)                     | C  |
| Emtricitabine + Tenofovir                         | <b>Tablets:</b> 200 mg + 300 mg (disoproxil fumarate equivalent to 245 mg tenofovir disoproxil)                              | C  |
| Lamivudine + Nevirapine + Stavudine               | <b>Tablets:</b> 150 mg + 200 mg + 30 mg.<br><b>Tablets (dispersible):</b> 30 mg + 50 mg + 6 mg ; 60 mg + 100 mg + 12 mg      | C  |
| Lamivudine + Nevirapine + Zidovudine              | <b>Tablets:</b> 30 mg + 50 mg + 60 mg ; 150 mg + 200 mg + 300 mg   | C  |
| Lamivudine + Zidovudine                           | <b>Tablets:</b> 30 mg + 60 mg ; 150 mg + 300 mg  | C  |
| 6.5. Antiprotozoal medicines                      |  |    |
| 6.5.1. Antiameobic and anti giardiasis medicines  |  |    |
| Diloxanide  | <b>Tablets:</b> 500 mg ( furoate )   | A  |
| Metronidazole                                     | <b>Tablets:</b> 250 mg   | A  |
|   | <b>Tablets:</b> 500 mg   | B  |
|   | <b>Oral suspension:</b> 200 mg ( as benzoate )/5 ml  | A  |
|   | <b>Injection:</b> 500 mg in 100 ml vial  | B  |
| 6.5.2. Antileishmaniasis medicines                |  |    |
| Amphotericin B                                    | <b>Powder for Injection:</b> 50 mg in vial   | C  |
| Liposomal Amphotericin                            | <b>Injection:</b> 50mg/vial  | C  |
| Paromomycin                                       | <b>Solution for intramuscular Injection:</b> 750 mg of paromomycin base (as the sulfate).                                    | C  |
| Pentamidine                                       | <b>Powder for Injection:</b> 200 mg; 300 mg (isetionate or mesilate ) in vial  | C  |
| Sodium stibogluconate or meglumine antimoniate    | <b>Injection:</b> 100 mg/ml; 1 vial = 30 ml or 30%; equivalent to approximately 8.1% antimony (pentavalent) in 5 ml ampoule. | C  |
| 6.5.3. Antimalarial medicines                     |  |    |
| 6.5.3.1. For curative treatment                   |  |    |
| a. Treatment of uncomplicated malaria             |  |    |
| Artesunate (AS) + sulphadoxine pyrimethamine (SP) | <b>Tablets:</b> 50;100; +500 mg + 25 mg  | AA |
| Artemether + lumefantrine                         | <b>Tablets:</b> 20 mg + 120 mg   | A  |
| Primaquine (radical treatment of P. vivax)        | <b>Tablets:</b> 7.5 mg; 15 mg  | B  |
| b. Treatment of severe malaria                    |  |    |
| Artemether  | <b>Injection:</b> 40 mg/ml ; 80 mg/ml (restricted)   | B  |
| Quinine   | <b>Injection IM:</b> 300 mg (as dihydro - chloride)/ml in 2 ml ampoule or IV (5% glucose)                                    | B  |
|   | <b>Tablets:</b> 300 mg ( as bisulfate or sulfate)  |    |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|  |  |    |
|--|--|----|
| c. For prophylaxis   |  |    |
| Atovaquone (A)+ proguanil (P)  | <b>Tablets:</b> 250 mg + 100 mg  | B  |
| Mefloquine   | <b>Tablets:</b> 250 mg (as hydrochloride)                                  | B  |
| c. Pre-referral treatment  |  |    |
| Artesunate   | <b>Suppository:</b> 50 mg ; 200 mg   | AA |
| 6.5.4. Antipneumocystosis and Antitoxoplasmosis medicines                                      |  |    |
| Pentamidine  | <b>Tablets:</b> 200 mg; 300 mg   | C  |
| Pyrimethamine  | <b>Tablets:</b> 25 mg  | C  |
| Spiramycin   | <b>Tablets:</b> 750;000 IU   | C  |
| Sulfamethoxazole + Trimethoprim  | <b>Injection:</b> 80 mg + 16 mg/ml in 5-ml and 10-ml ampoule               | C  |
| 6.5.5. Antitrypanosomal medicines  |  |    |
| 6.5.5.1. African trypanosomiasis   |  |    |
| Eflornithine   | <b>Injection:</b> 200 mg (hydrochloride )/ml in 100 ml bottle              | C  |
| Melarsoprol  | <b>Injection:</b> 3.6% sodium  | C  |
| Pentamidine  | <b>Powder for Injection:</b> 200 mg; 300 mg (isetoate or mesilate) in vial | C  |
| Suramin sodium   | <b>Powder for Injection:</b> 1 g in vial                                   | C  |
| 6.5.5.2. American trypanosomiasis  |  |    |
| Benznidazole   | <b>Tablets:</b> 100 mg   | C  |
| Nifurtimox   | <b>Tablets:</b> 30 mg; 120 mg; 250 mg                                      | C  |
| <b>7. Antimigraine medicines</b>   |  |    |
| 7.1. For treatment of acute attack   |  |    |
| Acetylsalicylic acid   | <b>Tablets:</b> 300 mg to 500 mg   | AA |
| Cyclizine  | <b>Tablets:</b> 50 mg ( hydrochloride )                                    | B  |
| Ergotamine   | <b>Tablets:</b> 1 mg ( tartrate )  | C  |
| Ibuprofen  | <b>Tablets:</b> 200mg; 400mg   | B  |
| Paracetamol  | <b>Tablets:</b> 500 mg   | AA |
|  | <b>Syrup:</b> 125mg/5ml  |    |
| Sumatriptan  | <b>Tablets:</b> 100 mg ( as succinate )                                    | S  |
| Zolmitriptan   | <b>Tablets:</b> 2 mg; 5 mg   | C  |
| 7.2. For prophylaxis   |  |    |
| Pizotifen  | <b>Tablets:</b> 500mg (as hydrogen maleate)                                | C  |
| Propranolol  | <b>Tablets:</b> 10mg; 20mg; 40 mg ( hydrochloride )                        | B  |
| <b>8. Antineoplastic and immunosuppressive medicines and medicines used in palliative care</b> |  |    |
| 8.1.Immunosuppressive medicines  |  |    |
| Azathioprine   | <b>Tablets:</b> 50 mg  | C  |
|  | <b>Powder for Injection:</b> 100 mg ( as sodium salt) in vial              |    |
| Antithymocyte globulin   | <b>Injection:</b> 25 mg/vial   | S  |
| Ciclosporin  | <b>Capsule:</b> 25 mg; 50 mg; 100 mg                                       | C  |
|  | <b>Concentrate for Injection:</b> 50 mg/ml in 1 ml ampoule                 |    |
| 8.2. Cytotoxic medicines   |  |    |
| Asparaginase   | <b>Powder for Injection:</b> 10 000 IU / vial                              | S  |

| Name of the Medicine  | Route of Administration, Dosage form and strength                                    | Level of Use |
|---|--|--------------|
| Bleomycin   | <b>Powder for Injection:</b> 15 mg (as sulphate) in vial                             | S            |
| Carboplatin   | <b>Injection:</b> 10 mg/ml in 5ml vial; 450 mg/45 ml vial                            | S            |
| Chlorambucil  | <b>Tablets:</b> 2 mg;5 mg  | S            |
| Cisplatin   | <b>Powder for Injection:</b> 10mg/10 ml vial;<br>50 mg/50 ml vial                    | S            |
| Cyclophosphamide  | <b>Powder for Injection:</b> 200 mg in vial; 1 gm in vial                            | S            |
| Cytarabine  | <b>Powder for Injection:</b> 100 mg; 500 mg in vial                                  | S            |
| Dacarbazine   | <b>Powder for Injection:</b> 200 mg in vial  | S            |
| Daunorubicin  | <b>Powder for Injection:</b> 20 mg; 50 mg (as hydrochloride) in vial                 | S            |
| Dactinomycin  | <b>Powder for Injection:</b> 500 micrograms in vial                                  | S            |
| Docetaxel   | <b>Infusion:</b> 10 mg/ml  | S            |
| Doxorubicin   | <b>Powder for Injection:</b> 10 mg; 50 mg (hydrochloride) in vial                    | S            |
| Etoposide   | <b>Injection:</b> 20mg/ml in 5 ml vial   | S            |
| Fluorouracil  | <b>Injection:</b> 50 mg/ml in vial   | S            |
| Gemcitabine   | <b>Injection:</b> 200 mg; 1 g vial   | S            |
| Hydroxycarbamide  | <b>Capsule:</b> 500 mg   | S            |
| Ifosfamide  | <b>Powder for Injection:</b> 1 g in vial   | S            |
| Melphalan   | <b>Tablets:</b> 2 mg; 5 mg   | S            |
| Mercaptopurine  | <b>Tablets:</b> 50 mg  | S            |
| Methotrexate  | <b>Tablets:</b> 2.5mg  | S            |
|   | <b>Injection:</b> 50 mg; 500 mg; 1g (as sodium salt) in vial                         |              |
| Oxaliplatin   | <b>Injection:</b> 10mg/ml in 5ml; 10ml vial  | S            |
| Paclitaxel  | <b>Infusion:</b> 30 mg; 100 mg; 300 mg vials   | S            |
| Procarbazine  | <b>Capsule:</b> 50 mg ( as hydrochloride)  | S            |
| Thioguanine   | <b>Tablets:</b> 40 mg  | S            |
| Vinblastine   | <b>Powder for Injection:</b> 10 mg (sulfate) in vial                                 | S            |
| Vincristine   | <b>Powder for Injection:</b> 1 mg; 5 mg; (sulfate) in vial                           | S            |
| 8.3. Hormones and antihormones  |  |              |
| Bicalutamide  | <b>Tablets:</b> 50 mg  | S            |
| Dexamethasone   | <b>Injection:</b> 4 mg/ml  | C            |
| Hydrocortisone  | <b>Powder for Injection:</b> 100 mg (as sodium succinate) in vial                    | C            |
| Letrozole   | <b>Tablets:</b> 2.5mg  | C            |
| Prednisolone  | <b>Tablets:</b> 5 mg; 25 mg  | B            |
|   | <b>Powder for Injection:</b> 25 mg (as sodium phosphate or sodium succinate) in vial |              |
| Tamoxifen   | <b>Tablets:</b> 10 mg; 20 mg (as citrate)  | C            |
| 8.4. Other antitumor medicines; medicines used with antitumor medicines and medicines used in palliative care |  |              |
| 8.4.1. Other antitumor medicines  |  |              |
| Interferon Alfa   | <b>Injection:</b> 5 million IU/ml in 1-ml vial                                       | S            |
| Mitomycin   | <b>Injection:</b> 10 mg  | C            |
| Mitoxantrone  | <b>Injection:</b> 10mg/ml  | S            |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
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|  |   |   |
|--|---|---|
| Thalidomide                                    | <b>Tablets:</b> 100 mg  | S |
| Zoledronic acid                                | <b>Injection:</b> 4 mg in 5ml   | S |
| 8.4.2. Medicines used with antitumor medicines |   |   |
| Calcium folinate                               | <b>Tablets:</b> 15 mg; 50 mg  | S |
|  | <b>Injection:</b> 3 mg/ml in 10 ml ampoule; 50 mg/5 ml vial             |   |
| Epoetin alfa                                   | <b>Injection:</b> 5000 IU per ml multidose vial                         | S |
| Filgrastim                                     | <b>Injection:</b> 300 micrograms/ml vial                                | S |
| Mesna  | <b>Injection:</b> 100 mg/ml in 4 ml ampoule                             | S |
| 8.4.3. Medicines used in palliative care       |   |   |
| Amitriptylline                                 | <b>Tablet:</b> 10 mg; 25 mg; 75 mg                                      | C |
| Bisacodyl                                      | <b>Tablets:</b> 5mg   | B |
| Citalopram                                     | <b>Tablets:</b> 20 mg; 40 mg  |   |
| Codeine  | <b>Tablets:</b> 15 mg;30mg (phosphate)                                  | C |
| Cyclizine                                      | <b>Injection:</b> 50 mg/ml.   | B |
|  | <b>Tablet:</b> 50 mg.   |   |
| Dexamethasone                                  | <b>Injection:</b> 4 mg/ml in 1 ml ampoule (as disodium phosphate salt). | C |
|  | <b>Oral liquid:</b> 2 mg/5 ml.  |   |
|  | <b>Tablet:</b> 2 mg; 4 mg.  |   |
| Haloperidol                                    | <b>Injection:</b> 5 mg in 1 ml ampoule.                                 | C |
|  | <b>Oral liquid:</b> 2 mg/ml.  |   |
|  | <b>Solid oral dosage form:</b> 0.5 mg; 2mg; 5 mg.                       |   |
| Hysocine Butylbromide                          | <b>Injection:</b> 20 mg/ml.   | B |
| Levomepromazine                                | <b>Tablets:</b> 25 mg (as maleate)                                      | S |
|  | <b>Injection:</b> 25 mg/ml in 1 ml ampoule (as hydrochloride)           |   |
| Loperamide                                     | <b>Solid oral dosage form:</b> 2 mg.                                    | A |
| Midazolam                                      | <b>Injection:</b> 1 mg/ml; 5 mg/ml.                                     | C |
|  | <b>Oral solid dosage form:</b> 7.5 mg; 15 mg.                           |   |
|  | <b>Oral liquid:</b> 2mg/ml  |   |
| Morphine                                       | <b>Tablets</b> (immediate release): 5 mg; 10 mg; 15mg                   | C |
|  | <b>Tablets</b> (sustained release): 10 mg; 30 mg                        |   |
|  | <b>Solution:</b> 10 mg/5 ml   |   |
|  | <b>Injection:</b> 10 mg/ml ampoule                                      |   |
| Ondansetron                                    | <b>Tablets:</b> 4 mg; 8 mg  | C |
|  | <b>Injection:</b> 2 mg/ml in 2 ml ampoule                               |   |
| Tramadol                                       | <b>Capsule:</b> 50 mg (hydrochloride)                                   | S |
|  | <b>Tablets:</b> 150 mg  |   |
|  | <b>Injection:</b> 50 mg/ml(hydrochloride) in 2ml ampoule                |   |
| <b>9. Antiparkinsonism medicines</b>           |   |   |
| Amantadine                                     | <b>Capsule:</b> 100 mg  | C |
|  | <b>Syrup:</b> 50 mg/5ml   | S |
| Apomorphine                                    | <b>Injection:</b> 20 mg/ml in 2 ml ampoule                              | S |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
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| Benzhexol                                       | <b>Tablets:</b> 2 mg; 5 mg ( hydrochloride )   | B  |
| Entacapone                                      | <b>Tablets:</b> 200 mg   | C  |
| levodopa + carbidopa                            | <b>Tablets:</b> 100 mg+ 10 mg  | C  |
|   | <b>Tablets:</b> 250 mg + 25 mg   | C  |
|   | <b>Tablets:</b> 200 mg + 50 mg   | C  |
| Procyclidine                                    | <b>Tablets:</b> 5 mg (hydrochloride)   | C  |
|   | <b>Injection:</b> 5 mg/ml (hydrochloride) in 2 ml ampoule  |    |
|   | <b>Syrup:</b> 5 mg/5 ml  | B  |
| Ropinirole                                      | <b>Tablets:</b> 0.25 mg; 1 mg; 2mg; 5 mg   | C  |
| Selegiline                                      | <b>Tablets:</b> 5 mg (hydrochloride)   | S  |
| <b>10. Medicines affecting the blood</b>        |  |    |
| 10.1. Antianaemia medicines                     |  |    |
| Deferiprone                                     | <b>Tablets:</b> 25 mg  | C  |
| Epoetin alfa                                    | <b>Injection:</b> 1000 units; 2000 units   | S  |
| Ferrous Salts                                   | <b>Tablets:</b> equivalent to 60 mg iron   | A  |
|   | <b>Oral solution:</b> equivalent to 25 mg iron (as sulfate-change to gluconate)/ml                             |    |
| Folic acid                                      | <b>Tablets:</b> 5 mg   | A  |
|   | <b>Tablets:</b> 1 mg   | C  |
|   | <b>Injection:</b> 15 mg/ml in 1 ml ampoule   | C  |
| Hydroxocobalamin                                | <b>Injection:</b> 1 mg in 1 ml ampoule   | C  |
| Iron sorbitol                                   | <b>Injection:</b> equivalent to 1 mg iron/ml in 50 ml ampoule  | B  |
| 10.2. Medicines affecting coagulation           |  |    |
| Desmopressin acetate                            | <b>Nasal spray:</b> 150 micrograms/metered spray   | AA |
|   | <b>Injection:</b> 15 micrograms/ml   |    |
| Factor IX concentrate                           | <b>Injection:</b> 500 IU; 1000IU vial  | A  |
| Heparin sodium                                  | <b>Injection:</b> 1000 IU/ml; 5000 IU/ml; 20 000 IU/ml in 1 ml ampoule   | C  |
| Phytomenadione                                  | <b>Tablets:</b> 10 mg  | C  |
|   | <b>Injection:</b> 10 mg/ml in 5 ml   |    |
| Protamine sulphate                              | <b>Injection:</b> 10 mg/ml in 5 ml ampoule   | C  |
| Warfarin  | <b>Tablets:</b> 1 mg; 2 mg; 3mg; 5 mg (sodium salt)  | C  |
| <b>11. Blood product and plasma substitutes</b> |  |    |
| 11.1. Plasma substitutes                        |  |    |
| Dextran 70                                      | <b>Injection:</b> 6 %  | B  |
| Dextran 40                                      | <b>Injection:</b> 10%  | B  |
| Human albumin                                   | 90% protein containing albumin at least containing from 4 to 5% albumin or concentrated from 20 to 25% albumin | B  |
| Polygeline                                      | <b>Injection:</b> 3.5 %  | B  |
| 11.2. Plasma fractions for specific use         |  |    |
| Factor VIIa (recombinant)                       | Dried  | B  |
| Factor VIII concentrate (Antihaemophilic        | Dried 250IU; 500IU   | B  |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|  |   |   |
|--|---|---|
| Factor VIII)   |   |   |
| Factor VIII recombinant  | Dried   | B |
| Factor IX Complex coagulation (coagulation factor II; VII; IX; X )<br>Antihaemopilic factor IX | Dried 500IU/vial  | B |
| Plasma; human  | Fresh frozen  | B |
| <b>12. Cardiovascular medicines</b>  |   |   |
| 12.1. Anti-anginal medicines   |   |   |
| Amlodipine   | <b>Tablets:</b> 5mg; 10mg                                   | B |
| Atenolol   | <b>Tablets:</b> 50; 100 mg                                  | B |
| Bisoprolol   | <b>Tablets:</b> 2.5; 5 mg                                   | B |
| Diltiazem  | <b>Tablets:</b> 60 mg; 90 mg; 120 mg                        | C |
|  | <b>Tablet:</b> (Sustained Release) 240 mg                   |   |
| Glyceryl Trinitrate  | <b>Tablets:</b> (sublingual) 500 micrograms                 | B |
|  | <b>Transdermal:</b> 5 mg                                    | C |
|  | <b>Injection:</b> 1 mg/ml in 1 ml                           | C |
|  | <b>Spray:</b> 200 micrograms                                | C |
| Isosorbide Dinitrate   | <b>Tablets:</b> (sublingual) 5 mg                           | B |
|  | <b>Tables:</b> 10 mg; 20 mg                                 | B |
|  | <b>Tables (sustained release):</b> 40 mg                    |   |
|  | <b>Injection:</b> 1 mg/ml                                   | C |
| Isosorbide mononitrate   | <b>Tablets:</b> 20 mg; 40 mg                                | B |
|  | <b>Tables (extended release):</b> 60 mg                     |   |
| Propranolol  | <b>Tablets:</b> 10 mg; 40 mg (hydrochloride)                | B |
|  | <b>Injection:</b> 1 mg (hydrochloride) in 1 ml ampoule      | C |
| 12.2. Anti-arrythmic medicines   |   |   |
| Adenosine  | <b>Injection:</b> 3 mg/ml                                   | C |
| Adrenaline   | <b>Injection:</b> 1 mg (as hydrochloride)/ml                | C |
| Amiodarone HCl   | <b>Tablets:</b> 100 mg; 200 mg                              | C |
|  | <b>Injection:</b> 50 mg (hydrochloride)/ml in 3 ml ampoule  | S |
| Atenolol   | <b>Tablets:</b> 50 mg; 100 mg                               | B |
| Flecainide actate  | <b>Tablets:</b> 50 mg; 100mg                                | S |
|  | <b>Injection:</b> 10 mg/ml                                  |   |
| Lidocaine  | <b>Injection:</b> 20 mg (hydrochloride)/ml in 5 ml ampoule  | C |
| Metoprolol   | <b>Tablets:</b> 50 mg; 100 mg                               | B |
|  | <b>Injection:</b> 1 mg/ml in 5ml ampoule                    | C |
| Phenytoin  | <b>Capsule or Tablets:</b> 25 mg; 50 mg; 100 mg (as sodium) | B |
|  | <b>Oral Suspension:</b> 30 mg (sodium salt)/ml              | B |
|  | <b>Injection:</b> 50 mg (sodium salt)/ml in 5 ml ampoule    | C |
| Propranolol  | <b>Tablets:</b> 10 mg; 40 mg (Hydrochloride)                | B |
|  | <b>Injection:</b> 1 mg (hydrochloride) in 1 ml ampoule      | C |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|  |  |   |
|--|--|---|
| Propafenone Hydrochloride                                | <b>Tablets:</b> 150 mg; 300 mg   | S |
| Verapamil  | <b>Tablets:</b> 40 mg; 80 mg (Hydrochloride)   | B |
|  | <b>Injection:</b> 2.5 mg (Hydrochloride)/ml in 2 ml ampoule  | S |
| 12.3. Antihypertensive Medicines                         |  |   |
| Amlodipine   | <b>Tablets:</b> 5 mg; 10 mg (as maleate; mesylate or besylate)   | B |
| Amlodipine +Valsartan                                    | <b>Tablets:</b> 5/80 (amlodipine 5 mg ; valsartan 80 mg); 5/160 (amlodipine 5 mg ; valsartan 160 mg); 10/160 (amlodipine 10 mg ; valsartan 160 mg) | B |
| Atenolol   | <b>Tablets:</b> 50 mg; 100 mg  | B |
| Candesartan + Hydrochlorothiazide                        | <b>Tablets:</b> 16+12.5 mg; 32+12.5 mg; 32+25 mg   | B |
| Captopril  | <b>Tablets (Scored):</b> 25 mg; 50 mg  | B |
| Chlorthalidone   | <b>Tablets:</b> 25 mg; 50 mg   | B |
| Doxazosin  | <b>Tablets:</b> 2 mg; 4 mg   | S |
| Enalapril  | <b>Tablet:</b> 2.5 mg; 5 mg (as hydrogen maleate)  | B |
| Hydralazine  | <b>Tablets:</b> 25 mg; 50 mg (hydrochloride)   | C |
|  | <b>Powder for Injection:</b> 20 mg (Hydrochloride)/ml 1 ml in ampoule  |   |
| Hydrochlorthiazide                                       | <b>Tablets:</b> 25 mg; 50 mg   | B |
| Indapamide   | <b>Tablets:</b> 1.5 mg; 2.5 mg   | B |
| Lisinopril   | <b>Tablets:</b> 2.5 mg; 5mg; 10mg; 20 mg   | B |
| Losrtan potassium  | <b>Tablets:</b> 25 mg; 50 mg   | B |
| Methyldopa   | <b>Tablets:</b> 250 mg   | B |
| Nifedipine   | <b>Capsule (immediate release):</b> 5 mg; 10 mg  | C |
|  | <b>Tablet (Sustained release):</b> 20 mg; 30 mg; 60 mg   |   |
| Perindopril  | <b>Tablets:</b> 2 mg; 4 mg   | B |
| Phentolamine mesilate                                    | <b>Injection:</b> 10 mg/ml   | S |
| Propranolol  | <b>Tablets:</b> 10 mg; 40 mg; 80 mg  | B |
| Sodium nitroprusside                                     | <b>Powder for infusion:</b> 50 mg in ampoule   | C |
| Valsartan  | <b>Capsule:</b> 40 mg; 80 mg   | B |
| Verapamil  | <b>Tablets (immediate release):</b> 40 mg; 80 mg   | C |
|  | <b>Tablets (sustained release):</b> 120 mg; 240 mg   |   |
| 12.4. Medicines used in heart failure and vascular shock |  |   |
| Bisoprolol   | <b>Tablets:</b> 2.5 mg; 5 mg. 10 mg  | C |
| Digoxin  | <b>Tablets:</b> 62.5 micrograms; 125 micrograms; 250 micrograms  | B |
|  | <b>Injection:</b> 250 micrograms/ml in 2 ml ampoule  | C |
| Enalapril  | <b>Tablets:</b> 2.5 mg; 5 mg; 10 mg (as hydrogen maleate).   | B |
| Furosemide   | <b>Tablets:</b> 40 mg  | B |
|  | <b>Oral liquid:</b> 20 mg/5 ml   |   |
|  | <b>Injection:</b> 10 mg/ml in 2 ml ampoule   |   |
| Hydrochlorothiazide                                      | <b>Oral liquid:</b> 50 mg/5 ml.<br><b>Tablets:</b> 25 mg.  | B |

| Name of the Medicine                 | Route of Administration, Dosage form and strength                               | Level of Use |
|--------------------------------------|---|--------------|
| Metazolone                           | <b>Tablets:</b> 5 mg  | S            |
| Medicines used in vascular shock     |   |              |
| Dobutamine                           | <b>Injection:</b> 250 mg/5 ml ampoule   | C            |
| Dopamine                             | <b>Injection:</b> 40 mg/ml in 5ml ampoule                                       | C            |
| 12.5. Fibrinolytic medicines         |   |              |
| Acetylsalicylic acid                 | <b>Tablets:</b> 75 mg; 100 mg   | B            |
| Alteplase                            | <b>Powder for Injection:</b> 10 mg/ vial  | C            |
| Clopidogrel                          | <b>Tablets:</b> 75 mg (as hydrogen sulphate)                                    | C            |
| Streptokinase                        | <b>Powder for Injection:</b> 750 000 IU in vial                                 | C            |
| Tirofiban                            | <b>Intravenous infusion:</b> 250 micrograms/ml (as hydrochloride) in 50 ml vial | S            |
| Cardiac pulmonary resuscitation      |   |              |
| Atropine                             | <b>Injection:</b> 600 micrograms/ml   | B            |
| Calcium gluconate                    | <b>Injection:</b> 2.23 Mmol/10ml (10%)  | B            |
| Adrenaline (Epinephrine)             | <b>Injection:</b> 100 micrograms/ml   | B            |
| Potassium chloride                   | <b>Injection:</b> 2Mmol/ml (15%)  | B            |
| Sodium bicarbonate                   | <b>Injection:</b> 8.4% in 50 ml vial  | B            |
| Beta-adrenoceptor blocking medicines |   |              |
| Atenolol                             | <b>Tablets:</b> 50 mg; 100 mg   | B            |
| Carvedilol                           | <b>Tablets:</b> 6.25 mg; 12.5 mg; 25 mg   | C            |
| Labetalol                            | <b>Injection:</b> 5 mg/ml in 20ml   | C            |
| Metoprolol                           | <b>Tablets:</b> 50 mg   | C            |
|                                      | <b>Injection:</b> 1 mg/ml in 5ml  |              |
| Noradrenaline                        | <b>Injection:</b> 1 mg/ml; 2 ml amp; 4 ml amp; 20ml amp                         | C            |
| Propranolol                          | <b>Tablets:</b> 10 mg; 40 mg; 160 mg  | B            |
|                                      | <b>Injection:</b> 1 mg (hydrochloride) in 1 ml ampoule                          | C            |
| Sotalol                              | <b>Tablets:</b> 80 mg (hydrochloride)   | S            |
| Narcotic analgesics                  |   |              |
| Morphine                             | <b>Injection:</b> 10 mg (sulfate or hydrochloride) in 1 ml ampoule              | C            |
| Pethidine                            | <b>Injection:</b> 50 mg (as hydrochloride) in 1 ml ampoule                      | C            |
| Medicines used in ICU                |   |              |
| Labetalol                            | <b>Injection:</b> 5 mg/ml in 20ml   | C            |
| Lignocaine                           | <b>Injection:</b> 1 % (10mg/ml); 2 % (20mg/ml)                                  | C            |
| Propranolol                          | <b>Injection:</b> 1 mg (hydrochloride) in 1 ml ampoule                          | C            |
| 12.6. Lipid regulating medicines     |   |              |
| Fibrates                             |   |              |
| Bezafibrate                          | <b>Tablets:</b> 200 mg  | C            |
| Ciprofibrate                         | <b>Tablets:</b> 100 mg  | C            |
| Gemfibrozil                          | <b>Tablets:</b> 600mg   | C            |
| Statins                              |   |              |
| Atorvastatin                         | <b>Tablets:</b> 10mg; 20mg; 40mg (as calcium trihydrate)                        | C            |
| Fluvastatin                          | <b>Tablets:</b> 20 mg; 40mg   | C            |
| Pravastatin                          | <b>Tablets:</b> 10mg; 20 mg; 40mg   | C            |
| Simvastatin                          | <b>Tablets:</b> 10 mg; 20 mg; 40mg  | C            |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

| 13. Dermatological medicines                        |   |    |
|---|---|----|
| 13.1. Anti-fungal medicines                         |   |    |
| Ketoconazole  | <b>Cream:</b> 2%  | B  |
|   | <b>Tablets:</b> 200 mg  | C  |
| Miconazole  | <b>Ointment or cream:</b> 2 % (nitrate)                       | A  |
| Nystatin  | <b>Ointment or cream:</b> 100 000 IU/gm                       | B  |
| 13.2. Anti-infective medicines                      |   |    |
| Aciclovir   | <b>Capsule or Tablets:</b> 200 mg                             | B  |
| Fusidic acid  | <b>Ointment:</b> 2 %  | A  |
| Grisofulvin   | <b>Capsule or Tablets:</b> 125 mg; 250 mg                     | B  |
|   | <b>Oral suspension:</b> 125 mg/5 ml;                          | A  |
| Mupirocin   | <b>Topical Ointment:</b> 2%;                                  | AA |
| Potassium permanganate                              | <b>Solution:</b> 1 : 10000 powder for compounding             | A  |
| Silver Sulfadiazine                                 | <b>Cream:</b> 1 %; 10%  | A  |
| Terbinafine   | <b>Tablets:</b> 250 mg (as hydrochloride)                     | C  |
|   | <b>Cream or ointment:</b> 1 % (hydrochloride);                | C  |
| 13.3. Anti-inflammatory and anti-pruritic medicines |   |    |
| Betamethasone                                       | <b>Cream or ointment:</b> 0.1 % (as valerate or Dipropionate) | C  |
| Clobetasol proprionate                              | <b>Cream or ointment:</b> 0.05 %                              | C  |
| Hydrocortisone                                      | <b>Cream or ointment:</b> 1 % (acetate)                       | B  |
| Zinc oxide  | <b>Cream or ointment:</b> 15 %                                | A  |
| 13.4. Astringents medicines                         |   |    |
| Aluminium diacetate                                 | <b>Solution:</b> 13 % for dilution                            | C  |
| 13.5. Keratoplastic and keratolytic agents          |   |    |
| Azelaic acid  | <b>Topical cream:</b> 20%                                     | B  |
| Benzoyl peroxide                                    | <b>Topical gel:</b> 2.5%; 5%; 10%                             | B  |
| Flurouracil   | <b>Ointment:</b> 5 %  | C  |
| Immiquimod  | <b>Cream:</b> 3.75%; 5%                                       | B  |
| Isotretinon   | <b>Gel:</b> 0.05%   | S  |
|   | <b>Capsules:</b> 10 mg; 20 mg                                 | S  |
| 13.6. Scabicides and pediculicides                  |   |    |
| Benzyl benzoate                                     | <b>Lotion:</b> 25 %   | AA |
| Ivermectin  | <b>Tablets:</b> 6 mg  | A  |
| Permethrin  | <b>Cream:</b> 5 %   | B  |
|   | <b>Lotion:</b> 1 %  |    |
| 13.7. Other dermatological agents                   |   |    |
| Dapsone   | <b>Tablets:</b> 50 mg; 100 mg                                 | C  |
| Methoxsalen   | <b>Capsules:</b> 10 mg  | C  |
|   | <b>Paint:</b> 50mg/5ml  |    |
| 14. Diagnostic agents                               |   |    |
| 14.1. Ophthalmic                                    |   |    |
| Fluorescein   | <b>Eye drops:</b> 1 % (sodium salt)                           | C  |
| Tropicamide   | <b>Eye drops:</b> 0.5%.                                       | C  |
| 14.2. Radiocontrast media                           |   |    |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|                                    |  |   |
|------------------------------------|--|---|
| Amidotrizoate                      | <b>Injection:</b> 140 mg to 420 mg iodine (as sodium or meglumine salt)/ml in 20 ml ampoule. | C |
| Barium sulfate                     | <b>Oral aqueous suspension or powder:</b> 50 %w/v  | C |
| Iohexol (iodine) non ionic         | <b>Injection:</b> 140 - 350 mg/ml in 10 ml and 20 ml ampoule                                 | C |
| Iotrolan (iodine) non ionic        | <b>Injection:</b> 300mg/ml   | C |
| Gadolinium-DTPA (iodine) non ionic | <b>Injection:</b> 469 mg/ml  | C |
| Iopromide (iodine) non ionic       | <b>Injection:</b> 300mg/ml   | C |
| Iopamidol (iodine) non ionic       | <b>Injection:</b> 300mg/ml   | C |
| Meglumine iotroxate                | <b>Injection:</b> 5 - 8 g iodine in 100 - 250 ml   | C |

### 15. Disinfectants and antiseptics

|                        |   |    |
|------------------------|---|----|
| Chlorine-base compound | <b>Sodium Chloride preset tablet:</b> 2.5 g                 | B  |
| Chlorohexidine         | <b>Solution:</b> 5% (digluconate) concentrated for dilution | AA |
| Chloroxylenol          | <b>Solution:</b> 4.8%                                       | B  |
| Ethanol                | <b>Solution:</b> 70%  | B  |
| Glutaraldehyde         | <b>Solution:</b> 2%   | B  |
| Hydrogen peroxide      | <b>Solution:</b> 3 %  | B  |
| Iodine                 | <b>Solution:</b> 2.5 %                                      | AA |
| Potassium permanganate | <b>Aqueous solution:</b> 1: 8 000                           | B  |
| Povidone iodine        | <b>Solution:</b> 7.5%; 10%                                  | B  |

### 16. Diuretics

|                    |  |   |
|--------------------|--|---|
| Bumetanide         | <b>Tablets:</b> 1 mg                       | S |
| Furosemide         | <b>Tablets:</b> 10 mg; 20 mg; 40 mg        | B |
|                    | <b>Injection:</b> 10 mg/ml in 2 ml ampoule |   |
| Hydrochlorthiazide | <b>Tablets:</b> 25 mg; 50 mg               | B |
| Mannitol           | <b>Injectable solution:</b> 20%            | C |
| Metolazone         | <b>Tablets:</b> 5 mg                       | S |
| Spirnolactone      | <b>Tablets:</b> 25 mg; 100 mg              | B |

### 17. Gastro-intestinal medicines

#### 17.1. Antacids and other anti-ulcer medicines

|   |  |    |
|---|--|----|
| Aluminium hydroxide + Magnesium hydroxide + Simethicone | <b>Oral suspension:</b> 200 mg +200 mg + 25 mg               | AA |
|   | <b>Tablets:</b> 200 mg+200 mg+25 mg                          |    |
| Omeprazole  | <b>Capsule:</b> 10 mg ;20 mg                                 | C  |
|   | <b>Injection:</b> 40 mg/vial                                 |    |
| Ranitidine  | <b>Tablets:</b> 150 mg; 300 mg                               | B  |
|   | <b>Injection:</b> 25 mg/ml (as hydrochloride) in 2ml ampoule |    |

#### 17.2. Anti - emetic medicines

|               |  |   |
|---------------|--|---|
| Dexamethasone | <b>Oral liquid:</b> 0.5 mg/5ml; 2 mg/5ml | C |
|---------------|--|---|

| Name of the Medicine                                     | Route of Administration, Dosage form and strength   | Level of Use |
|--|---|--------------|
|  | <b>Tablets:</b> 0.5 mg; 0.75 mg; 1.5 mg; 4 mg   |              |
|  | <b>Injection:</b> 4 mg/ml in 1ml ampoule (as disodium phosphate salt)   |              |
| Domperidone  | <b>Syrup:</b> 5 mg/5ml  | C            |
|  | <b>Tablets:</b> 10 mg   |              |
| Metoclopramide (not for neonates)                        | <b>Tablets:</b> 10 mg (as hydrochloride)  | B            |
|  | <b>Injection:</b> 5 mg (as hydrochloride)/ml in 2 ml ampoule  |              |
|  | <b>Oral liquid:</b> 5 mg/5 ml   |              |
| Ondansetron (>1 month)                                   | <b>Oral liquid:</b> 4 mg /5ml   | C            |
|  | <b>Tablets:</b> 4 mg; 8 mg  |              |
|  | <b>Injection:</b> 2 mg /ml in 2ml ampoule (as hydrochloride)  |              |
| Promethazine   | <b>Tablets:</b> 10mg; 25 mg (hydrochloride)   | A            |
|  | <b>Injection:</b> 25 mg (hydrochloride)/ml in 2 ml ampoule  |              |
| 17.3. Anti- inflammatory medicines                       |   |              |
| Hydrocortisone   | <b>Suppository:</b> 25 mg (acetate)   | B            |
| Prednisolone   | <b>Retention enema:</b> prednisolone 20 mg (as sodium metasulphobenzoate) in 100 mL single-dose   | B            |
|  | <b>Tablets:</b> 5 mg  |              |
| Sulfasalazine  | <b>Tablets:</b> 500mg   | C            |
|  | <b>Suppository:</b> 500mg   | S            |
| 17.4. Laxative medicines                                 |   |              |
| Bisacodyl  | <b>Tablets:</b> 5mg   | B            |
| Glycerin   | <b>Suppositories Adults:</b> 4 g  | B            |
|  | <b>Suppositories children:</b> 1 g; 2 g   |              |
| Lactulose  | <b>Solution:</b> 3.1 – 3.7 mg/5ml   | C            |
| Magnesium sulphate                                       | <b>Powder:</b> 5 – 10 gm  | B            |
| Senna  | <b>Tablets:</b> 7.5 mg (sennosides)   | AA           |
| Sterculia  | <b>Granules:</b> 62% in sachets   | B            |
| 17.5. Medicines used in diarrhea                         |   |              |
| 17.5.1. Oral hydration                                   |   |              |
| Oral rehydration salt (for Glucose-electrolyte solution) | <b>Dry mixture:</b> (WHO formula) in sachet for I liter of electrolyte solution<br><b>Dry mixture:</b> in sachet for 500 ml of electrolyte solution | AA           |
| 17.5.2. Medicines used in diarrhea in children           |   |              |
| Zinc sulphate  | <b>Tablets:</b> 20 mg   | B            |
| 17.5.3. Antidiarrhoeal (symptomatic medicines)           |   |              |
| Loperamide   | <b>Tablets:</b> 2mg   | A            |
| 17.6. Antispasmodic medicines                            |   |              |
| Hyoscine butylbromide                                    | <b>Tablets:</b> 10 mg   | A            |
|  | <b>Injection:</b> 20 mg / ml  |              |
| Mebeverine Hydrochloride                                 | <b>Tablets:</b> 135 mg  | C            |
| 17.7. Medicines acting on liver; gall bladder & pancreas |   |              |
| Cholestyramine   | <b>Powder:</b> 4 g/sachet   | C            |
| Ethanolamine oleate                                      | <b>Injection:</b> 5% in 2ml amp   | S            |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|  |   |   |
|--|---|---|
| Lamivudine                                 | <b>Tablets:</b> 100 mg  | S |
| Pancreatic enzymes                         | Age-appropriate formulations and doses including lipase; protease and amylase | S |
| Phytomenadione (Vitamin k)                 | <b>Injection:</b> 10mg/ml in 1 ml ampoule;                                    | B |
| Specific Hepatitis B immunoglobulin (HBIG) | <b>Injection:</b> 200 units ; 500units  | S |
| Vasopressin                                | <b>Injection:</b> 20 units/ml   | C |
| Ursodeoxycholic acid                       | <b>Suspension:</b> 250 mg/5ml   | C |
|  | <b>Tablets:</b> 150mg   |   |

### 18. Hormones; other endocrine medicines and contraceptives

#### 18.1. Adrenal hormones and synthetic substituents

|                     |   |   |
|---------------------|---|---|
| Betamethasone       | <b>Tablets:</b> 500 micrograms                                      | C |
|                     | <b>Injection:</b> 4 mg (as sodium phosphate) in 1 ml ampoule        |   |
| Dexamethasone       | <b>Tablets:</b> 500 micrograms                                      | C |
|                     | <b>Injection:</b> 4 mg (as sodium phosphate) in 1 ml ampoule        |   |
| Fludrocortisone     | <b>Tablets:</b> 50 micrograms; 100 mg (acetate)                     | C |
| Hydrocortisone      | <b>Tablets:</b> 5 mg; 10 mg; 20 mg                                  | C |
|                     | <b>Powder for Injection:</b> 100 mg (as sodium succinate) in vial   | B |
| Methyl prednisolone | <b>Sterile aqueous suspension for injection:</b> 40 mg/ml; 80 mg/ml | C |
| Prednisolone        | <b>Tablets:</b> 1 mg; 5 mg  | B |

#### 18.2. Androgens

|                              |  |   |
|------------------------------|--|---|
| Testosterone                 | <b>Injection:</b> 200 mg (enantate) in 1 ml ampoule  | C |
| Tetracosactrin ACTH analogue | <b>Injection:</b> 250 micrograms /ml in 1 ml ampoule | C |

#### 18.3. Contraceptives

##### 18.3.1 Oral Hormonal contraceptives

|                                   |   |   |
|-----------------------------------|---|---|
| Ethinylestradiol + Levonorgestrel | <b>Tablets:</b> 30 micrograms + 150 micrograms                      | B |
|                                   | <b>Tablets:</b> 30 micrograms + 250 micrograms                      | B |
| Ethinylestradiol + Norethisterone | <b>Tablets:</b> 35 micrograms + 1.0 mg                              | B |
| Levonorgestrel                    | <b>Tablets:</b> 30 micrograms; 750 micrograms (pack of two); 1.5 mg | C |
| Lynestrenol                       | <b>Tablets:</b> 0.5 mg  | B |
| Norethisterone                    | <b>Tablets:</b> 5 mg  | B |
| Progestogen                       | <b>Tablets:</b> 75 micrograms                                       | B |

##### 18.3.2 Injectable Hormonal contraceptives

|                             |   |   |
|-----------------------------|---|---|
| Medroxyprogesterone acetate | <b>Injection (aqueous suspension):</b> 150 mg/ml in 1 ml vial; 50mg/ml in 3 ml vial | C |
| Norethisterone enantate     | <b>Injection (oily solution):</b> 200 mg/ml in 1 ml ampoule                         | B |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
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| 18.3.3 Intrauterine devices                             |   |   |
| Copper-containing device                                |   | C |
| Intra uterine levonorgestrel only device                | Intrauterine System releasing 52 mg levonorgestrel;   | C |
| 18.3.4 Barrier methods                                  |   |   |
| Female condom   |   | B |
| Male condoms with or without spermicide (nonoxinol)tabs |   | B |
| 18.3.5 Implantable contraceptives                       |   |   |
| Etonogestrel implant                                    | Single rod etonogestrel releasing implant containing 68mg of etonogestrel                           | B |
| Levonorgestrel-releasing implant                        | Two rod levonorgestrel releasing implant; each rod containing 75mg of levonorgestrel (150mg total)  | B |
| 18.4 Estrogens  |   |   |
| Ethinylestradiol  | <b>Tablets:</b> 10 micrograms; 50 micrograms  | C |
|   | <b>Tablets:</b> 1 mg  | S |
| Oestrogen   | <b>Patches:</b> 40 micrograms   | C |
| 18.5. Insulins and other antidiabetic agents            |   |   |
| 18.5.1. Insulins  |   |   |
| Glargine  | <b>Injection:</b> 100 units / ml  | C |
| Insulin (soluble)                                       | <b>Injection:</b> 100 IU/ml in 10 ml vial   | B |
| Insulin Lispro  | <b>Injection:</b> 100 units / ml  | C |
| Insulin mixed   | <b>Injection:</b> 70 / 30; 50 / 50; 20/80   | B |
| Intermediate-acting insulin                             | <b>Injection:</b> 100 IU/ml in 10 ml vial (as compound insulin zinc suspension or isophane insulin) | B |
| 18.5.2. Oral antidiabetic medicines                     |   |   |
| Glibenclamide   | <b>Tablets:</b> 2.5 mg; 5mg   | B |
| Gliclazide  | <b>Tablets:</b> 80 mg   | B |
| Glimepiride   | <b>Tablets:</b> 2mg; 3mg; 4mg   | B |
| Metformin   | <b>Tablets:</b> 500 mg; 850 mg (hydrochloride).   | B |
| Vildagliptin  | <b>Tablets:</b> 50mg  | C |
| 18.5.3. Medicines used in hypoglycaemia                 |   |   |
| Glucagon  | <b>Powder for Injection:</b> 1 mg (1 IU)/ml (as hydrochloride)                                      | S |
| 18.6. Ovulation inducers                                |   |   |
| Bromocriptine   | <b>Tablets:</b> 2.5 mg (as mesylate)  | S |
| Clomifene   | <b>Tablets:</b> 50 mg (citrate)   | S |
| 18.7. Progesterones (progestogens)                      |   |   |
| Medroxy progesterone acetate                            | <b>Tablets:</b> 5 mg  | C |
| Norethisterone  | <b>Tablets:</b> 5mg   | C |
| 18.8. Thyroid hormones and antithyroid medicines        |   |   |
| Carbimazole   | <b>Tablets:</b> 5mg   | B |
| Levothyroxine   | <b>Tablets:</b> 25 micrograms; 50 micrograms; 100 micrograms  | B |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
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| Lugol's solution                                     | <b>Oral Solution:</b> about 130 mg total iodine/ml          | C  |
| Potassium iodide                                     | <b>Tablets:</b> 60 mg                                       | B  |
| Propylthiouracil                                     | <b>Tablets:</b> 50 mg                                       | S  |
| 18.9. Other endocrine related medicines              |   |    |
| Alendronate sodium                                   | <b>Tablets:</b> 10 mg; 70 mg                                | C  |
| Alfacalcidol   | <b>Oral drops:</b> 2 micrograms/ml                          | B  |
|  | <b>Injection:</b> 2 micrograms/ml                           |    |
| Calcitonin   | <b>Injection:</b> 50 units/ml ampoule                       | C  |
| Colecalciferol                                       | <b>Injection:</b> 600000 IU/vial                            | C  |
|  | <b>Oral liquid:</b> 400 IU/ml                               | B  |
| Cyproterone acetate                                  | <b>Tablets:</b> 50 mg                                       | S  |
| Danazol  | <b>Capsules:</b> 100 mg; 200 mg                             | C  |
| Desmopressin acetate                                 | <b>Nasal spray:</b> 10 micrograms/metered spray             | C  |
|  | <b>Tablets:</b> 100 micrograms; 200 micrograms              | C  |
|  | <b>Sublingual Tablets:</b> 60 micrograms; 120 micrograms    | C  |
| Disodium Pamidronate                                 | <b>Infusion:</b> 6mg /ml in 10 ml vial                      | C  |
| Growth hormone                                       | <b>Injection:</b> 10 mg / 1.5 ml; 15 mg / 1.5 ml            | C  |
| Human Chorionic gonadotrophin (HCG)                  | <b>Powder for Injection:</b> 5000 unit ampoule              | S  |
|  | <b>Powder for Injection:</b> 1500 unit ampoule              | C  |
| Octreotide acetate                                   | <b>Injection:</b> 50 micrograms/ml                          | C  |
| Recombinant human luteinizing hormone                | <b>Powder for Injection:</b> 75 unit vial                   | C  |
| Sildenafil   | <b>Tablets:</b> 25 mg; 50 mg                                | AA |
| Vasopressin  | <b>Injection:</b> 20 IU in 1 ml ampoule                     | C  |
| 18.10. Other medicines in Obstetrics and Gynaecology |   |    |
| Alfacalcidol   | <b>Tablets:</b> 0.25 micrograms; 1 micrograms               | S  |
| Cabergoline  | <b>Tablets:</b> 500 micrograms                              | S  |
| Cetrorelix   | <b>Subcutaneous Injection:</b> 0.25mg; 3 mg                 | S  |
| Clotrimazole   | <b>Vaginal cream:</b> 1%; 10%.                              | B  |
|  | <b>Vaginal Tablets:</b> 100 mg; 500 mg.                     |    |
| Decapeptyl   | <b>Subcutaneous Injection:</b> 0.1mg/ml                     | S  |
|  | <b>Intramuscular injection:</b> 3.75mg                      |    |
| Dydrogesterone                                       | <b>Tablets:</b> 10 mg                                       | C  |
| Epoetin alfa   | <b>Injection:</b> 2000 IU & 4000 IU                         | S  |
| Goserelin  | <b>Intramuscular injection:</b> 3.6 mg                      | S  |
| Leuprolide   | <b>Intramuscular injection:</b> 11.25 mg                    | S  |
| Menotropins  | <b>Injection:</b> 75 IU FSH/ 75 IU LH                       | S  |
| Magnesium sulphate                                   | <b>Intramuscular Injection:</b> 500mg/ml                    | B  |
| Misoprostol  | <b>Tablets:</b> 200 micrograms                              | C  |
|  | <b>Vaginal Tablets:</b> 25 micrograms                       |    |
| Prostaglandin E2 (dinoprostone)                      | <b>Vaginal ovule:</b> 3mg                                   | C  |
|  | <b>Vaginal gel:</b> 400micrograms/ml                        |    |
| Purified FSH/ human (menopausal urine)               | <b>Injection:</b> 75 IU/vial                                | S  |
| Recombinant FSH                                      | <b>Subcutaneous Injection:</b> 150 IU; 300 IU; 600 IU/ vial | S  |
| Tamoxifen  | <b>Tablets:</b> 10mg  | S  |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
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| Tranexamic acid   | <b>Injection:</b> 100 mg/5ml;  | C  |
| <b>19. Immunologicals</b>   |  |    |
| <b>All immunologicals should comply with World Health Organization Requirements</b> |  |    |
| 19.1 Diagnostic agents  |  |    |
| Tuberculin; purified protein derivative (PPD)                                       | <b>Solution for injection:</b> 2TU/0.1ml in 2ml ampoule                            | B  |
| 19.2. Immunosuppressive agents  |  |    |
| Ciclosporin   | <b>Oral solution:</b> 100 mg/ml  | S  |
|   | <b>Capsules:</b> 25 mg; 50 mg; 100 mg  |    |
| Interferon Alfa   | <b>Injection:</b> 6 million units/ml; 9 million units/ml; 10 million units/ml vial | S  |
| Mycophenolate mofetil (MMF)   | <b>Capsules:</b> 250 mg; 500 mg  | C  |
| Sirolimus   | <b>Tablets:</b> 500 micrograms; 1 mg; 2 mg   | C  |
| Tacrolimus  | <b>Capsules:</b> 0.5 mg; 1 mg; 5 mg (as monohydrate)                               | C  |
|   | <b>Concentrate for intravenous infusion:</b> 5 mg/ml                               |    |
| 19.3 Sera and immunoglobulins   |  |    |
| Anti - D immunoglobulin (human)   | <b>Injection:</b> 250 micrograms (in single dose vial)                             | B  |
| Antirabies immunoglobulin (human)   | <b>Injection:</b> 150 IU/ml in vial  | B  |
| Anti-scorpion sera  | <b>Injection:</b> locally defined type   | B  |
| Antitetanus immunoglobulin (human)  | <b>Injection:</b> 500 IU in vial   | B  |
| Anti-venom sera (snake)   | <b>Injection:</b> locally defined type   | B  |
| Diphtheria antitoxin  | <b>Injection:</b> 10000 IU; 20000 IU in vial                                       | B  |
| Immunoglobulin; human normal  | <b>Injection:</b> 250 mg vial IM   | B  |
| 19.4. vaccines (strength and level of use decided by Federal Ministry of Health)    |  |    |
| 19.4.1. For universal immunization  |  |    |
| BCG Vaccine (dried)   | Injection  | AA |
| Bivalent Oral Polio Vaccine   | Type 1; Type 3   |    |
| Measles Vaccine   |  | AA |
| Meningococcal A conjugate vaccine   |  | AA |
| Pentavalent Vaccine   | Diphtheria toxoid, Tetanus Toxoid, B.pertussis (Whole cell), HBsAG (rDNA), Hib     | AA |
| Rota virus vaccine  |  | AA |
| Tetanus toxoid vaccine  |  | AA |
| Trivalent Oral Polio Vaccine  | Type 1; Type 2; Type 3   | AA |
| Yellow fever Vaccine  |  | AA |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
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| 19.4.2. For specific group of individuals |  |    |
| Haemophilus influenzae type b vaccine     |  | AA |
| Hepatitis A vaccine                       |  | AA |
| Hepatitis B vaccine                       |  | AA |
| Influenza vaccine                         |  | AA |
| Inactivated polio vaccine                 |  | AA |
| Mumps vaccine                             |  | AA |
| Pneumococcal vaccine                      |  | AA |
| Rubella vaccine                           |  | AA |
| Typhoid vaccine                           |  | AA |
| Varicella vaccine                         |  | AA |
| <b>20. Muscle relaxants</b>               |  |    |
| Atracurium                                | <b>Injection:</b> 10 mg/ml in 2.5 ml; 5 ml ampoule                     | C  |
| Baclofen                                  | <b>Tablets:</b> 10 mg  | C  |
| Neostigmine                               | <b>Tablets:</b> 15 mg (bromide)  | B  |
|   | <b>Injection:</b> 500 micrograms; 2.5 mg (metilsulfate) in 1ml ampoule | C  |
| Pyridostigmine                            | <b>Tablets:</b> 60 mg (bromide)  | C  |
|   | <b>Injection:</b> 1 mg (bromide) in 1 ml ampoule                       |    |
| Suxamethonium                             | <b>Injection:</b> 50 mg (chloride)/ml in 2 ml ampoule                  | C  |
| <b>21.Ophthalmological preparation</b>    |  |    |
| 21.1 Anti –infective agents               |  |    |
| Aciclovir                                 | <b>Eye ointment:</b> 3 %   | C  |
| Chloramphenicol                           | <b>Eye drops:</b> 0.5 %  | A  |
|   | <b>Ointment:</b> 1 %   |    |
| Ciprofloxacin                             | <b>Eye drops:</b> 0.3% ;ointment                                       | A  |
| Dorzolamide                               | <b>Eye drops:</b> 2%   | C  |
| Gentamicin                                | <b>Eye drops:</b> 0.3 % (as sulfate)                                   | A  |
| Tetracycline                              | <b>Eye ointment:</b> 1 % (hydrochloride)                               | AA |
| 21.2 Anti –inflammatory agents            |  |    |
| Prednisolone                              | <b>Eye drops:</b> 0.5% (as sodium phosphate)                           | B  |
| 21.3 Local anesthetics                    |  |    |
| Lignocaine                                | <b>Injection:</b> 2%   | C  |
| Tetracaine                                | <b>Eye drops:</b> 0.5 % (sodium phosphate)                             | A  |
| 21.4 Miotics and antiglaucoma medicines   |  |    |
| Acetazolamide                             | <b>Tablet:</b> 250 mg  | B  |
| Pilocarpine                               | <b>Eye drops:</b> 2%; 3%; 4%(hydrochloride or nitrate)                 | C  |
| Timolol                                   | <b>Eye drops:</b> 0.5 % (as maleate)                                   | C  |
| 21.5 Mydriatics and cycloplegics          |  |    |
| Atropine                                  | <b>Eye drops:</b> 1 % (sulfate)  | C  |
| Cyclopentolate                            | <b>Eye drops:</b> 0.5 % (hydrochloride)                                | C  |
| Phenylephrine                             | <b>Eye drops:</b> 10 % (hydrochloride)                                 | S  |
| Tropicamide                               | <b>Eye drops:</b> 5 %  | C  |
| 21.6 Anti –fungal                         |  |    |
| Econazole                                 | <b>Eye drops:</b> 1%   | B  |
| Flucytocine                               | <b>Eye drops:</b> 1%   | B  |
| 21.7 Other ophthalmic preparations        |  |    |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
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|--|---|---|
| Fluorescein                                    | <b>Eye drops:</b> 1 % (sodium salt)                                 | C |
|  | <b>Strip:</b> 1 % solution  |   |
| Hydroxyethyl cellulose                         | <b>Eye drops:</b> 0.5%  | C |
| <b>22. Oxytocics &amp; antioxytotic</b>        |   |   |
| 22.1 Oxytocics                                 |   |   |
| Ergometrine                                    | <b>Tablets:</b> 200 micrograms (hydrogen maleate)                   | A |
|  | <b>Injection:</b> 500 micrograms (hydrogen maleate) in 1 ml ampoule | A |
| Oxytocin                                       | <b>Injection:</b> 10 IU in 1 ml ampoule                             | B |
|  | <b>Injection:</b> 5 IU in 1 ml ampoule                              | C |
| Oxytocin + Ergometrine                         | <b>Injection:</b> 5 IU + 500 micrograms                             | C |
| 22.2 Anti-oxytocics (tocolytics)               |   |   |
| Nifedipine                                     | <b>Immediate release Capsules:</b> 10 mg                            | B |
| Salbutamol                                     | <b>Tablets:</b> 4 mg (as sulfate)                                   | B |
|  | <b>Injection:</b> 500 micrograms (as sulfate)/ml                    | C |
| <b>23. Dialysis solution</b>                   |   |   |
| Parenteral dialysis solution                   | <b>Parenteral solution:</b> 1.5%; 2.5%; 4.25%                       | S |
| <b>24. Psychotherapeutic medicines</b>         |   |   |
| 24.1. Medicines used in Psychotic disorders    |   |   |
| Clozapine                                      | <b>Tablets:</b> 25 mg; 50 mg; 100 mg                                | C |
| Flupentixol                                    | <b>Injection:</b> 20 mg/ml (decanoate) in 1 ml ampoule              | C |
| Fluphenazine                                   | <b>Injection:</b> 25 mg/ml (decanoate or enantate) in 1 ml ampoule  | C |
| Haloperidol                                    | <b>Tablets:</b> 2 mg; 5 mg  | C |
|  | <b>Injection:</b> 5 mg/ml in 1 ml ampoule                           |   |
| Pimozide                                       | <b>Tablets:</b> 4mg   | C |
| Risperidone                                    | <b>Tablets:</b> 500 micrograms; 1mg; 2mg; 4mg                       | C |
|  | <b>Injection:</b> 25 mg vial; 37.5 mg vial; 50 mg vial              |   |
| Trifluoperazine                                | <b>Tablets:</b> 1mg; 5mg  | C |
| Zuclopenthixol                                 | <b>Injection:</b> 200 mg/ml (as decanoate)                          | C |
| 24.2. Medicines used in mood disorders         |   |   |
| 24.2.1. Medicines used in depressive disorders |   |   |
| Amitriptyline                                  | <b>Tablets:</b> 25 mg (hydrochloride)                               | B |
| Fluoxetine                                     | <b>Capsules:</b> 20mg   | C |
| Fluvoxamine                                    | <b>Tablets:</b> 50 mg; 100 mg                                       | C |
| Imipramine                                     | <b>Tablets:</b> 10 mg; 25 mg (hydrochloride)                        | B |
| Moclobemide                                    | <b>Tablets:</b> 150mg; 300mg  |   |
| Sertraline                                     | <b>Tablets:</b> 50mg; 100mg   | C |
| 24.2.2. Medicines used in bipolar disorders    |   |   |
| Carbamazepine                                  | <b>Tablets:</b> 100 mg  | C |
|  | <b>Tablets:</b> 200 mg  | B |
|  | <b>Syrup:</b> 100 mg/5ml  | C |
| Lithium carbonate                              | <b>Capsules or Tablets:</b> 300 mg                                  | S |
|  | <b>Capsules or Tablets:</b> 200 mg; 400 mg                          | C |
| Valproic acid                                  | <b>Tablets (Enteric coated):</b> 200 mg; 500 mg (sodium salt)       | C |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
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| 24.3. Medicines used in generalized anxiety and sleep disorders                             |  |    |
| Chloral hydrate   | <b>Mixture:</b> 500mg/5ml  | A  |
| Diazepam  | <b>Tablets (Scored):</b> 2 mg; 5 mg; 10 mg   | B  |
|   | <b>Injection:</b> 5 mg/ml in 2 ml ampoule  | B  |
| Lorazepam   | <b>Tablets:</b> 1 mg; 2.5 mg   | C  |
|   | <b>Injection:</b> 4 mg/ml  |    |
| Pregabalin  | <b>Tablets:</b> 25mg; 75mg; 100mg; 150mg   | C  |
| Zolpidem tartrate   | <b>Tablets:</b> 10 mg  | C  |
| 24.4. Medicines used for obsessive compulsive disorders and panic attack                    |  |    |
| Clomipramine  | <b>Capsules:</b> 10 mg; 25 mg (hydrochloride)  | B  |
| 24.5. Medicines used for disorders due to psychoactive substance use                        |  |    |
| Nicotine replacement therapy (NRT)  | <b>Chewing gum:</b> 2mg; 4mg   | S  |
|   | <b>Transdermal patch:</b> 5mg to 30mg/16hrs; 7mg to 21mg/24hrs   |    |
| 24.6. Medicines used in child psychiatric   |  |    |
| Atomoxetine   | <b>Capsules:</b> 10mg; 40mg  | C  |
| Clonazepam  | <b>Tablets:</b> 250 micrograms; 500 micrograms; 2 mg   | C  |
| Methylphenidate   | <b>Tablets:</b> 10 mg (hydrochloride)  | S  |
| <b>25. Medicines acting on the respiratory tract</b>  |  |    |
| 25.1. Anti-asthmatic medicines and medicines used for chronic obstructive pulmonary disease |  |    |
| Adrenaline  | <b>Injection:</b> 1 mg (as hydrochloride) in 1 ml ampule   | B  |
| Aminophylline   | <b>Tablets (Sustained Release):</b> 300 mg   | B  |
|   | <b>Injection:</b> 25 mg/ml in 10 ml ampoule  |    |
| Beclometasone Dipropionate  | <b>Aerosol inhalation:</b> 50 micrograms/metered inhalation; 250 micrograms/metered inhalation                         | C  |
|   | <b>Dry powder for inhalation:</b> 50 micrograms/metered inhalation; 100 micrograms/metered inhalation                  | B  |
| Budesonide  | <b>Inhalation suspension:</b> 0.5 mg/ 2 ml   | S  |
| Budesonide + formoterol   | <b>Inhaler:</b> 160 micrograms + 4.5 micrograms (fumarate dehydrate)   | S  |
| Enoxaparin  | <b>Injection:</b> 100mg/ml   | S  |
| Fluticasone   | <b>Inhaler:</b> 50 micrograms/metered inhalation; 125 micrograms/metered inhalation; 250 micrograms/metered inhalation | B  |
| Fluticasone +Salmeterol   | <b>Inhaler:</b> 250 micrograms +50 micrograms; 100 micrograms +50 micrograms   | S  |
| Ipratropium bromide   | <b>Aerosol Inhalation:</b> 20 micrograms/metered inhalation  | B  |
|   | <b>Nebuliser solution:</b> 250 micrograms/ml   | S  |
|   | <b>Inhaler:</b> 21 micrograms/puff   | AA |
| Magnesium sulphate  | <b>Intravenous Injection:</b> 40 mg/ml   | S  |
| Montelukast   | <b>Tablets:</b> 10 mg  | S  |
| N-acetylcysteine  | <b>Capsules:</b> 600 mg  | S  |
| Recombinant Tissue Plasminogen Activator  | <b>Powder for injection:</b> 50 mg/vial according to manufacturer/protocol   | S  |

| Name of the Medicine   | Route of Administration, Dosage form and strength  | Level of Use |
|--|--|--------------|
| Salbutamol   | <b>Tablets:</b> 2 mg; 4 mg (as sulfate)  | AA           |
|  | <b>Aerosol inhalation:</b> 100 micrograms/metered inhalation (as sulfate)  | B            |
|  | <b>Syrup:</b> 2 mg (as sulfate)/5ml  | AA           |
|  | <b>Respirator solution:</b> 5 mg (as sulphate)/ml  | C            |
|  | <b>Injection:</b> 500 micrograms (as sulfate)/ml   | C            |
|  | <b>Intravenous infusion:</b> 1 mg/ml in 5 ml ampoule   | S            |
| Salmeterol   | <b>Inhaler:</b> 25 micrograms/metered inhalation   | C            |
| Sildenafil   | <b>Tablets:</b> 20 mg  | S            |
| Talc   | 5 grams in 100 vial  | S            |
| Tiotropium   | <b>Inhaler:</b> 18 micrograms  | S            |
| 25.2 Antitussives  |  |              |
| Dextromethorphan   | <b>Oral solution:</b> 7.5 mg/5ml   | B            |
| <b>26. Solutions correcting water ; electrolyte and acid-base disturbances</b> |  |              |
| 26.1 Oral  |  |              |
| Oral rehydration salt  | See Section 17.5.1.  | AA           |
| 26.2 parenteral  |  |              |
| Calcium chloride   | <b>Injection:</b> 10% (Ca <sup>+</sup> 680 micromol/ml)  | C            |
| Calcium gluconate  | <b>Injection:</b> 10% (Ca <sup>+</sup> 225 micromol/ml)  | C            |
| Calcium carbonate  | <b>Tablets:</b> 500mg  |              |
| Calcium Resonium   | <b>Powder:</b> 300g  | B            |
| Glucose  | <b>Injectable solution:</b> 5%(isotonic); 10% (isotonic); 50% (hypertonic)   | B            |
| Glucose with sodium chloride   | <b>Injectable solution:</b> 5% glucose; 0.9% sodium chloride; 4% glucose; 0.18% sodium chloride; 5% glucose; 0.45% sodium chloride   | B            |
| Magnesium sulphate   | <b>Injectable solution:</b> 50%  | C            |
| Potassium chloride   | <b>Sterile concentrate:</b> 15% ampoule  | C            |
| Potassium phosphate  | <b>Injection:</b> 3 mmol/P vial  | C            |
| Sodium bicarbonate   | <b>Tablets:</b> 600mg  | C            |
|  | <b>Intravenous Infusion:</b> 1.4% isotonic (equivalent to Na <sup>+</sup> 167 mmol/L, HCO <sub>3</sub> 167 mmol/L); 8.4% in 10ml ampoule (equivalent to Na <sup>+</sup> 1000 mmol/L, HCO <sub>3</sub> 1000 mmol/L) |              |
|  | <b>Intravenous injection:</b> 4.2% in 10 ml ampoule  |              |
| Sodium chloride  | <b>Infusion:</b> 0.9% isotonic   | B            |
|  | <b>Infusion:</b> 1.8%; 3%; 14.6%   | C            |
| Sodium lactate   | <b>Injectable compound solution</b>  | C            |
| Sodium phosphate   | <b>Injection:</b> 3 mmol/P vial  | C            |
| Water for Injection  | <b>Injection:</b> 2 ml; 5 ml; 10 ml  | AA           |
| <b>27.Vitamins and minerals</b>  |  |              |
| Alfacalcidol   | <b>Tablets:</b> 0.25 micrograms ; 1 micrograms   | S            |
| Ascorbic acid  | <b>Tablets:</b> 50mg   | AA           |
| Calcium gluconate  | <b>Injection:</b> 100mg/ml in10 ml ampoule   | C            |
| Colecalciferol   | <b>Oral liquid:</b> 400 IU/ml  | B            |
|  | <b>Capsules or Tablets:</b> 400 IU; 1000 IU  |              |

| Name of the Medicine                                     | Route of Administration, Dosage form and strength   | Level of Use |
|--|---|--------------|
| Combined minerals and vitamins                           | <b>Powder for oral reconstitution</b> ( WHO specifications)   | B            |
| Ergocalciferol   | <b>Capsules or Tablets:</b> 1.25mg (50000 IU)   | S            |
|  | <b>Oral liquid:</b> 250micrograms/ml (10000 IU/ml)  |              |
| Iodine   | <b>Iodized oil:</b> 1ml (480 mg iodine); 0.5ml (240mg iodine) in ampoule (oral or injectable); 0.57ml (308 mg iodine) in dispenser bottle | B            |
|  | <b>Capsules:</b> 200mg  |              |
| Nicotinamide   | <b>Tablets:</b> 50mg  | B            |
| Potassium chloride                                       | <b>Powder for oral reconstitution</b>   | AA           |
| Pyridoxine   | <b>Tablets:</b> 25mg; 40mg ( hydrochloride )  | B            |
| Retinol (as palmitate)                                   | <b>Tablets</b> (sugar coated):10000   | B            |
|  | <b>Capsules:</b> 50000 IU; 100000 IU; 200000 IU   |              |
|  | <b>Oral oily solution:</b> 100000 IU/ml in multi-dose dispenser   |              |
|  | <b>Water miscible Injection:</b> 10000 IU in 2 ml ampoule   |              |
| Riboflavin   | <b>Tablets:</b> 5 mg  | B            |
| Sodium fluoride  | In any appropriate formulation  | C            |
| Thiamine   | <b>Tablets:</b> 50 mg ( hydrochloride)  | B            |
|  | <b>Injection:</b> 100 mg/ml in 2 ml vial  |              |
| <b>28. Medicines used in ear/nose/throat (ENT)</b>       |   |              |
| 28.1 Antibacterial ear drops                             |   |              |
| Chloramphenicol  | <b>Ear drops:</b> 5%  | B            |
| 28.2 Nasal decongestants                                 |   |              |
| Ephedrine  | <b>Nasal drops:</b> 0.5%; 1%(hydrochloride)   | B            |
| 28.3 Topical antifungal medicines                        |   |              |
| Clotrimazole   | <b>Solution:</b> 1 %  | C            |
| Flumetasone + Clioquinol                                 | <b>Ear drops:</b> 0.02% + 1%  | C            |
| 28.4 Antihistamines                                      |   |              |
| Betahistine  | <b>Tablets:</b> 5 mg (maleate)  | C            |
| Clemastine   | <b>Tablets:</b> 1 mg (as hydrogen fumarate)   | C            |
| Chlorphenamine   | <b>Tablets:</b> 4 mg (maleate)  | C            |
| Cinnarazine  | <b>Tablets:</b> 25 mg   | C            |
| Prochlorperazine   | <b>Capsules:</b> 75 mg  | C            |
| 28.5 Ointments   |   |              |
| Hydrocortisone   | <b>Ointment:</b> 1%   | C            |
| Nystatin+ neomycin+ gramicidin+ triamcinolone acetoneide | <b>Ear Drops:</b> 100 000 unit +0.25% + 0.025% +0.1%  | C            |
| Oxytetracycline + hydrocortizone + polymyxin B           | <b>Eye/Ear Suspension:</b> 10 mg/mL + 5 mg/mL + 10000 u/mL  | C            |
| Teyracycline   | <b>Ointment:</b> 1 %  | C            |
| 28.6 Nasal drops - spray                                 |   |              |
| Beclometazone dipropionate                               | <b>Nasal spray:</b> 50 microgram/ metered spray   | C            |

| Name of the Medicine | Route of Administration, Dosage form and strength | Level of Use |
|----------------------|---|--------------|
|----------------------|---|--------------|

|   |   |   |
|---|---|---|
| Ephedrine HCl + naphazoline                               | <b>Nasal drops:</b> 0.5% +0.125%  | C |
| Xylometazoline  | <b>Nasal drops:</b> 0.05%; 0.1%   | C |
|   | <b>Gel:</b> 1%  |   |
| 28.7 Ear drops  |   |   |
| Acetic Acid   | <b>Solution:</b> 2%   |   |
| Dexamethasone + Framycetin sulphate + Gramicidin          | <b>Eye &amp; ear drops:</b> 0.05 % +0.5 % + 0.005 %                         | C |
| Polymyxin B sulphate + Neomycin sulphate + Hydrocortizone | <b>Ear Drops:</b> 10000 units + 3400 units+ 1%                              | C |
| 28.8 Antifungal   |   |   |
| Nystatin  | <b>Oral suspension:</b> 100000 units/ml                                     | C |
| <b>29. Specific medicines for neonatal care</b>           |   |   |
| Caffeine citrate  | <b>Injection:</b> 20 mg/ml (equivalent to 10 mg caffeine base/ml).          | S |
|   | <b>Oral liquid:</b> 20 mg/ml (equivalent to 10 mg caffeine base/ml).        |   |
| Fentanyl  | <b>Injection:</b> 50 micrograms/ml  | S |
| Ibuprofen Lysine  | <b>Solution for injection:</b> 10 mg/ml (2 ml vials)                        | S |
| Prostaglandins E1   | <b>Solution for Injection:</b> 0.5 mg/ml in alcohol.                        | S |
| Prostaglandins E2   | <b>Solution for Injection:</b> 1 mg/ml.                                     | S |
| Sildenafil  | Tablets: 50 mg  | S |
| Surfactant  | <b>Suspension for intratracheal instillation:</b> 25 mg/ ml<br>OR 80 mg/ ml | S |

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