

## ANNEX 1

### Essential Medicines List 2019

Item

Description

Needs 2019

#### 1.ANAESTHETICS

Atropine

Injection: 1 mg (sulfate) in 1-ml ampoule

300000

Fentanyl

Injection: 0.05 mg fentanyl/mL vial

200000

Halothane

Inhalation

5000

Isoflurane

Inhalation

25000

Ketamine

Injection: 50 mg (as hydrochloride)/ml in 10-ml vial

100000

Nitrous oxide

Inhalation

5000

Oxygen

Inhalation (medicinal gas)

50000

Propofol\*

Injection: 10 mg/ml, 50ml

250000

Propofol\*

Injection: 20 mg/ml, 20 ml

50000

Thiopental

Injection: 1g

100000

Sevoflurane bottle (quick fill bottle adapter )

Inhalation

25000

## **1.2 Local anesthetics**

Bupivacaine

50000

**2.ANALGESICS, ANTIPYRETICS, NSAID, MEDICINES USED TO TREST GOUT AND DISEASE MOD**

Diclofenac sodium

Tablet: 75mg

500000

Diclofenac sodium

Injection: 75mg Ampoule

700000

Ketorolac

Injection

50000

Paracetamol

Injection:10mg/ml, 100ml v vial

700000

Paracetamol

Inj IM

700000

Paracetamol

Tablet: 500 mg

0

Paracetamol

Suppository 125mg

0

Acetyl salicylic Acid

Tablets 500mg

0

Sulfasalazine

Tablet: 500 mg

100000

Tramadol

Tablet: 50 mg

0

Tramadol

Injection: 50mg in 2ml amp

100000

### **2.3 Medicines for other common symptoms in palliative care**

loperamide



Solid oral dosage form: 2 mg.

5000

## 2.4 MEDICINES USED IN PALLIATIVE CARE

Amitriptyline

Tablet: 10 mg

200000

Amitriptyline

Tablet: 25 mg

400000

Fluoxetine

Solid oral dosage form: 20 mg (as hydrochloride)

150000

Hyoscine hydrobromide

Injection: 400 micrograms/ml

200000

Hyoscine hydrobromide

Injection: 600 micrograms/ml

200000

Ibuprofen

Oral liquid: 200 mg/5 ml

150000

Ibuprofen

Tablet: 200 mg

150000

Ibuprofen

Tablet: 400 mg

150000

Ibuprofen

Tablet: 600 mg

150000

Midazolam

Injection: 1 mg/ml

20000

Midazolam

Injection: 5 mg/ml

75000

### **3.ANTIALLERGICS AND MEDICINES USED IN ANAPHYLAXIS**

Dexamethasone

Tablet: 0.5 mg

100000

Dexamethasone

Tablet: 1.5 mg

100000

Dexamethasone

Injection: 4 mg/ml ampoule

100000

Epinephrine (adrenaline)

Injection: 1 mg (as hydrochloride or hydrogen tartrate) in 1ml ampoule

300000

Noradrenaline

Injection: 1 mg in 1 ml

150000

Prednisolone

Tablet: 5mg

50000

Prednisolone

Tablet: 20 mg

50000

#### **4.ANTIDOTES AND OTHER SUBSTANCES USED IN POISONINGS**

Calcium gluconate

Injection: 100mg/ml in 10 ml ampoule

300000

Charcoal activated

CAPS/TABS

10000(dose)

Dimercaprol

Injection: 50mg/ml -2ml ampoule

5000

Naloxone

Injection: 400 microgramme ampoule 1ml

5000

Sodium calcium edetate

Injection: 50mg/ml -2ml ampoule

1000

## **5.ANTICONVULSANTS/ ANTIEPILEPTICS**

Diazepam

Tablet: 2mg

75000

Diazepam

Tablet: 5mg

50000

Diazepam

Tablet: 10mg



100000

Diazepam

Suppository:10mg

20000

Diazepam

Injection: 10mg/amp (intervenous)

100000

Phenobarbital

Injection: 200 mg/ml (sodium)

10000

Phenobarbital

Tablet: 15mg

50000

Phenytoin

Tablet (chewable): 50 mg

50000

Phenytoin

Injection: 250mg/5ml- ampoule

20000

ethosuximide

Oral liquid: 250 mg/5 mL.

0

lorazepam

Parenteral formulation: 2 mg/ mL in 1- mLampoule

15000

magnesium sulfate\*

Injection: 0.5g/ mL in 2- mL ampoule (equivalent to 1 g in 2 mL; 50% weight/volume)

15000

magnesium sulfate\*

0.5g/ mL in 10- mL ampoule (equivalent to 5 g in 10 mL; 50%weight/volume)

15000

## 6.ANTI-INFECTIVE MEDICINES

## 6.1 ANTIHELMENTHICS

Pyrantel

Suspension: 250mg/5ml

20000

### 6.1.1 Intestinal anthelminthic

Albendazole

Tablet (chewable): 400 mg.

25000

## 6.2 ANTIBACTERIALS

C

Amoxicillin

Oral liquid : 250mg / 5ml- bottle -100 ml

300000

Amoxicillin

Tablet: 500mg

2000000

Amoxicillin + Calvulanic acid

Syrup: 250mg/5ml

600000

Amoxicillin + Calvulanic acid

Tablet: 500mg +125 mg

1000000

Amoxicillin + Calvulanic acid

Powder for injection: 1gr+200 mg vial

2000000

Ampicillin

Powder for injection: 1g

100000

Benzathine benzylpenicillin

Powder for injection: 0,6million IU in 5ml vial

10000

Benzathine benzylpenicillin

Powder for injection: 1.2 million IU in 5-ml vial

10000

Benzylpenicillin G

Powder for injection: 3 g ( 5 million IU) in vial

2000

Benzylpenicillin G

Powder for injection: 600 mg (1 million IU) in vial

10000

Cefalexin

Syrup: 250mg/5ml - bottle 100 ml

15000

Cefotaxime

Injection 1 g vial

200000

Ceftriaxone

Injection: 1g vial



1000000

Ceftriaxone

Injection: 2g vial

30000

Ceftriaxone

Injection: 500mg vial

500000

Ciprofloxacin

Tablet: 500mg

25000

Ciprofloxacin

Tablet: 250mg

50000

Ciprofloxacin

Injection : 200mg vial

25000

Clarithromycin

Powder for injection : 500 mg

100000

Clarithromycin

Tablets 500mg

50000

Colimycin

Injection : 1000.000 IU vial

100000

Doxycycline

Tablet : 100mg

400000

Fucidic acid

Infusion vial

5000

Cotrimoxazol

Injection

500000

Metronidazol

Infusion vial : 500mg

500000

Metronidazol

Tablets 500mg

25000

Metronidazol

Tablets 200

25000

Metronidazol

Susp 200mg/5ml

50000

Ofloxacin

Tablet: 200mg

20000

Phenoxymethylpenicillin

Powder for oral liquid: 250 mg (as potassium salt)/5 ml

50000

Phenoxymethylpenicillin

Tablet: 250mg

500000

Rifampicin

Syrup 60ml

15000

Rifampicin

Capsule: 300mg

1000000

Spiramycin + metronidazole

Tablet : 1,5 M+ 500mg

20000

Teicoplanin

Injection: 400 mg vial

50000

Teicoplanin

Injection: 200mg vial

50000

Vancomycin

Powder for injection: 500 mg

200000

### **6.2.1 Beta-lactam medicines**

cefazolin

Powder for injection: 1 g (as sodium salt) in vial.

150000

cefixime

Capsule: 400 mg (as trihydrate).

500000

ceftazidime

Powder for injection: 1 g (as pentahydrate)in vial

200000

ceftazidime



Powder for injection: 250 mg (as pentahydrate)in vial.

25000

cloxacillin

Powder for oral liquid: 125 mg (as sodiumsalt)/5 mL.

100000

cloxacillin

Powder for injection: 500 mg (as sodium salt) in vial

6000

cloxacillin

Capsule: 500 mg

0

imipenem + cilastatin

Powder for injection: 250 mg (as monohydrate) +250 mg (as sodium salt);

100000

imipenem + cilastatin

500 mg (as monohydrate) +500 mg (as sodium salt) in vial

100000

Piperacillin+Tazobactam

Inj :4gr +500mg

50000

### **6.2.2 Other antibacterial**

clindamycin

Injection: 150 mg (as phosphate)/ mL.

5000

clindamycin

Oral liquid: 75 mg/5 mL (as palmitate)

10000

chloramphenicol

Powder for injection: 1 g (sodium succinate) in vial.

1000

Doxycycline

Solid oral dosage form: 50 mg [c]; 100 mg (as hyclate).

150000

nitrofurantoin

Oral liquid: 25 mg/5 mL

20000

nitrofurantoin

Tablet: 100 mg.

100000

erythromycin

Solid oral dosage form: 250 mg (as stearate orestolate or ethyl succinate).

10000

erythromycin

Powder for oral liquid: 125 mg/5 mL (as stearate orestolate or ethyl succinate).

50000

sulfamethoxazole + trimethoprim

Tablet :400 mg + 80 mg

25000

sulfamethoxazole + trimethoprim

Oral liquid: 200 mg + 40 mg/5 mL.

100000

### 6.3 ANTI-FUNGAL MEDICINES

Amphotericine B

Powde for injection: 50mg in vial as sodium deoxycholate

10000

Clotrimazole

Vaginal cream 1%

50000

Clotrimazole

Vaginal tablet: 100, 500 mg

50000

Miconazole

Cream

20000

Miconazole 150mg+ metronidazole 500mg

Vaginal tablet: 500 mg

25000

Nystatine

Tablet: 100.000 IU

50000

Nystatine

Oral liquid: 50mg / 5ml

20000

Nystatine+neomycine+polymycin B

Vaginal ovule

15000

fluconazole

Injection: 2 mg/ mL in vial

25000

griseofulvin

Solid oral dosage form: 125 mg;

5000

## **6.4 ANTI-VIRAL**



Acyclovir

250 inj

50000

Acyclovir

500 inj

50000

Amantadine

Capsule: 100mg

5000

#### **6.4.4.2.5 Other antivirals**

Pegylated interferon alfa (2a or 2b)

180 micrograms (peginterferon alfa-2a),

#### **6.5.4 Antipneumocystosis and antitoxoplasmosis medicines**

sulfadiazine

Tablet: 500 mg

0

### **8.ANTINEOPLASTIC, IMMUNOSUPPRESSIVES AND MEDICINES USED IN PALLIATIVE CARE**

#### **8.1 IMMUNOSUPPRESSIVE MEDICINES**

Mycophenolate mofetil

Tablet: 500 mg

900000

Tacrolimus

Tablet: 0.5mg

100000

Tacrolimus

Tablet: 1mg

1000000

ATG anti tissue

Injection 50mg

100

ATG anti tissue

Injection 100mg

100

Azathioprine

Tablet: 50 mg

900000

Cyclosporin

capsule: 25 mg

400000

Cyclosporin

capsule: 50 mg

500000

Cyclosporin

capsule: 100mg

100000

## **8.2 CYTOTOXIC AND ADJUVANT MEDICINES**

Asparaginase

Powder for injection: 10 000 IU in via

3000

Bleomycin

Powder for injection: 15 mg (as sulfate) in vial

6000

Bendamustin

Perf 25mg

2600

Bendamustin

Perf 100mg

2300

Retinoic Acid ( All trans)

10mg/ Caps

3000

Calcium folinate

Injection : 5 mg/ml in 10-ml ampoule

30000

Calcium folinate

Injection : 30 mg vials

20000

Calcium folinate

Injection : 100 mg vials

25000

Calcium folinate

Tablet : 15 mg

0

Capecitabin

Tablet : 150 mg

0

Capecitabin

Tablet : 500 mg

720000

Carboplatin

Injection : 150 mg/15 ml

25000

Carboplatin



Injection : 450 mg/45 ml

20000

Chlorambucil

Tablet : 2 mg

40000

Cisplatine

Injection : 50mg vial

25000

Cisplatine

Injection : 25mg vial

5000

Cyclophosphamide

Powder for injection: 200 mg in vial

11000

Cyclophosphamide

Powder for injection: 1000 mg in vial

15000

Cyclophosphamide

Tablet : 25 mg

15000

Cytarabine

Powder for injection: 100 mg in vial

15000

Cytarabine

Powder for injection: 1g in vial

15000

Dacarbazine

Powder for injection: 100 mg in vial

5000

Dacarbazine

Powder for injection: 200 mg in vial

10000

Dasatinib

Tab 50mg

24000

Dasatinib

Tab 100mg

24000

D-Actinomycine

Injection 0,5 mg vials

600

Daunorubicin

Powder for injection:20 mg (hydrochloride) in vial

2500

Docetaxel

Injection 20mg

25000

Docetaxel

Injection 80mg

15000

Doxorubicin

Powder for injection: 10 mg (hydrochloride) in vial

6000

Doxorubicin

Powder for injection: 50 mg (hydrochloride) in vial

25000

Etoposide

Capsule: 100 mg

5000

Etoposide

Capsule: 50 mg

2000

Etoposide

Injection: 20 mg/ml in 5-ml ampoule

20000

Filgrastim

Injection 120 mcg Vials

1700

Filgrastim

Injection 300mcg vials

40000

Filgrastim

Injection 480 mcg

7000

Fludarabin (phosphate)

Inj 50mg Vial

2000

Flurouracil

Injection : 50 mg/ml in 5-ml ampoule

52000

Flurouracil

Injection : 100 mg/ml in 5-ml ampoule

75000

Gemcitabine

Injection 200 mg vials

25000



Gemcitabine

Injection 1gr 25 ml

20000

Imatinib

Tablets 100mg

80000

Imatinib

Tablets 400mg

300000

Irinotecan

Injection 40 mg vials

3000

Irinotecan

Injection 100mg vials

5000

Hydroxycarbamide

Solid oral dosage form:500 mg

250000

Ifosphamide

Powder for injection: 1 g vial

10000

Ifosphamide

Powder for injection: 2 g vial

5000

Mercaptopurine

Tablet : 50 mg

100000

Tamoxifen (as citrate)

Tab 10mg

0

Tamoxifen (as citrate)

Tab 20mg

0

Trastuzumab

Tab 150 mg

8000

Trastuzumab

Tab 440 mg

10000

Uromitexan- Mesna

Injection: 100 mg/ml in 4-ml and 10-ml ampoules

35000

Uromitexan- Mesna

Tablet : 400 mg

0

Uromitexan- Mesna

Tablet : 600 mg

0

Methotrexate

Injection : 50 mg/ml ampoule

2500

Methotrexate

Injection : 500 mg/ml ampoule

1500

Methotrexate

Tablet: 2.5 mg (as sodium salt)

250000

Nilotinib

150 mg / tab

400

Nilotinib

200 mg / tab

26400

Oxaliplatin

Injection 50 mg vials

15000

Oxaliplatin

Injection 100 mg vials

15000

Paclitaxel

Infusion for injection : 300 mg

10000

Paclitaxel

Infusion for injection : 150 mg

10000

Rituximab

Injection 100 mg vials

7000

Rituximab

Injection 500 mg vials

6000

Thioguanine [c]

Solid oral dosage form: 40 mg

0

Vinblastine

Powder for injection: 10 mg (sulfate) in vial



2500

Vincristine

Powder for injection: 1 mg (sulfate) in vial

10000

Vincristine

Powder for injection: 2 mg (sulfate) in vial

3000

Vinorelbin

Inj 10 mg/ml amp 1ml

5000

Vinorelbin

Inj 50 mg/5ml amp 5ml

5000

Vinorelbin

Caps 20mg

5000

Vinorelbin

Caps 30mg

5000

Zoledronic Acid

Infusion 4mg/100ml

3000

## 8.2 CYTOTOXIC AND ADJUVANT MEDICINES

Allopurinol

Tablet: 100 mg

100000

Allopurinol

Tablet: 300 mg

100000

## 8.3 HORMONES AND ANTIHORMONES

Hydrocortisone

Powder for injection: 100 mg (as sodium succinate) in vial

100000

Methylprednisolone

Injection: 40 mg/ml (as sodium succinate) in 1-ml single dose vial

1000

Methylprednisolone

Injection: 125 mg/ml (as sodium succinate) in 1-ml single dose vial

0

Methylprednisolone

Injection: 500 mg/ml (as sodium succinate) in 1-ml single dose vial

5000

Methylprednisolone

Injection: 1000 mg/ml (as sodium succinate) in 1-ml single dose vial

5000

Prednisolone

Tablet: 5mg

0

Prednisolone

Tablet: 20mg

0

Prednisolone

Oral liquid: 5 mg/ml

0

## 9.ANTIPARKINSONISM MEDICINES

Levodopa + Carbidopa ( SR)

Tablet: 100 mg + 10 mg

50000

Levodopa + Carbidopa( SR)

Tablet: 250 mg + 25 mg

100000

Biperiden

Tablet: 2 mg (hydrochloride).

0

## 10.MEDICINES AFFECTING THE BLOOD

### 10.1 ANTIANAEMIA MEDICINES

Deferoxamine\*

Powder for injection: 500 mg (mesilate) in vial

225000

Erythropoietin

Injection: 4000IU-vial

61000

Erythropoietin

Injection: 10000IU-vial

25000

Ferrous salt

Oral liquid: equivalent to 25 mg iron (as sulfate)/ml

0

Ferrous salt

Tablet: equivalent to 60 mg iron

0

Ferrous salt + Folic acid

Tablet equivalent to 60 mg iron + 400 micrograms folic acid

0

Folic acid



Tablet: 1 mg

500000

Folic acid

Tablet: 5 mg

500000

Heparin sodium

Injection: 1000 IU/ml

0

Heparin sodium

Injection: 5000 IU/ml

50000

Heparin sodium

Injection: 25 000 IU/ml

60000

Hydroxocobalamin

Injection: 1 mg (as acetate, hydrochloride or as sulfate) in 1-ml ampoule.

10000

Low- molecular-weight heparin(LMWH)

2500 IU single dose préventive

100000

Low- molecular-weight heparin(LMWH)

4000 IU single dose préventive

160000

Low- molecular-weight heparin(LMWH)

6000 IU single dose préventive

160000

Low- molecular-weight heparin(LMWH)

10000 IU single dose curative

50000

Protamine sulfate

Injection: 10 mg/ml in 5-ml ampoule

35000

Warfarin

Tablet: 1 mg (sodium salt)

1000

Warfarin

Tablet: 2 mg (sodium salt)

50000

Warfarin

Tablet: 5 mg (sodium salt)

600000

## **10.2 Medicines affecting coagulation**

Desmopressin

Injection: 4 micrograms/ mL (as acetate) in 1- mL ampoule.

10000

Desmopressin

Nasal spray: 10 micrograms (as acetate) per dose

10000

Tranexamic acid

Injection: 100 mg/ mL in 10- mL ampoule.

35000

## **11.BLOOD PRODUCTS AND PLASMA SUBSTITUTES**

### **11.1 PLASMA SUBSTITUTES**

Dextran 70\*

Injectable solution: 6%

0

Dextran 70\*

\* Polygeline, injectable solution, 3.5% is considered as equivalent.

10000

Albumin

200000

Factor VIII concentrate

500 IU

10000

Factor VIII concentrate

1000 IU

5000

Factor IX complex concentrate

dried

2800

Interferon  $\alpha$  2B

Injection: 10 million IU vial

1200

Interferon  $\alpha$  2B

Injection: 5 million IU vial

600

Interferon  $\alpha$  2B

Injection: 3 millions IU

1200

Interferon Beta 1A

Injection 22mcg

2000

Interferon Beta 1A

Injection 44mcg



50000

Interferon Beta 1A

Injection 30mcg

37000

Intravenous immunoglobulin (IVIG)

Injection: 3g vial

1500

Intravenous immunoglobulin (IVIG)

Injection: 6g vial

1000

## 12.CARDIOVASCULAR MEDICINES

### 12.1 Antianginal medicines

Bisoprolol

Tablet: 5 mg.

1000000

Acetylsalicylic acid - cardiac dosage

Tablet: 100 mg

100000

Amiodarone

Injection: 50 mg/ml in 3-ml ampoule (hydrochloride)

50000

Amlodipine

Tablet: 5 mg (as maleate, mesylate or besylate)

200000

Atenolol

Tablet: 50mg

500000

Atenolol

Tablet: 100mg

500000

Clopidogrel

Tablet: 75mg

200000

Digoxin

Injection: 250 micrograms/ml in 2-ml ampoule

15000

Digoxin

Tablet: 250 micrograms

200000

Dobutamine

Injection: 250mg/20ml solution for infusion ampoule

25000

Dopamine

Injection: 40 mg/ml (hydrochloride) in 5-ml vial

100000

Enalapril

Tablet: 5 mg (as hydrogen maleate)

100000

Furosemide

Tablet: 40 mg

100000

Furosemide

Tablet: 500 mg

3000

Furosemide

Injection: 20mg/2ml - 2ml ampoule

500000

Glyceryl trinitrate

Tablet (sublingual): 500 micrograms

100000

Hydralazine\*

Injection: 20 mg (hydrochloride) in ampoule

15000

Hydralazine\*

Tablet: 25 mg (hydrochloride)

100000

Hydralazine\*

Tablet: 50 mg (hydrochloride)

100000

Hydrochlorothiazide

Solid oral dosage form: 12.5 mg

100000

Hydrochlorothiazide

Solid oral dosage form: 25 mg

100000

Isosorbide dinitrate(SR)

Tablet (sublingual): 10mg

2000000

Isosorbide dinitrate(SR)

Tablet (sublingual): 20 mg

2000000

Lidocaine

Injection: 20 mg (hydrochloride)/ml in 5-ml ampoule

100000

Methyldopa\*



Tablet: 250 mg

500000

Metoprolol

Injection: 1 mg/5ml Ampoule

15000

Metoprolol

Tablet : 50 mg

100000

Metoprolol

Tablet: 200mg Slow release

25000

Norepinephrine (Noradrenaline)

Injection: 8mg/4ml 4-ml ampoule

30000

Propranolol

Tablet: 40mg

250000

Propranolol

Tablet: 10mg

500000

Sodium nitroprusside

Powder for infusion: 50 mg in ampoule

500000

Streptokinase

Powder for injection: 1.5 million IU in vial

50000

Verapamil

Tablet: 80 mg (hydrochloride)

50000

Verapamil

Injection: 2.5 mg (hydrochloride)/ml in 2-ml ampoule

50000

Verapamil

Injection 40 mg

20000

## 12.6 Lipid-lowering agents

Statin

equivalent to simvastatin Tablet: 5 mg;

100000

Statin

equivalent to simvastatin Tablet:10 mg;

100000

Statin

equivalent to simvastatin Tablet:20 mg;

100000

Statin

equivalent to simvastatin Tablet:40mg;

100000

### **13.DERMATOLOGICAL MEDICINES (TOPICAL)**

Benzyl benzoate

Lotion 25%

100000

Betamethasone

Cream 0,1%

25000

Fucidic acid

Cream 2%

100000

Permethrine (anti-lice)

Shampoo

200000

Silver sulphadiazine

Cream 1%

100000

Trolamine

Emulsion external use 0,67%

10000

## **14. DIAGNOSTIC AGENTS**

### **14.1 Ophthalmic medicines**

Tropicamide

Eye drops: 0.5%.

25000

## 14.2 Radiocontrast media

Barium sulfate

Aqueous suspension.

10 000 KG

Iohexol

Injection: 140 mg to 350 mg iodine/ mL in 5- mL; 10-mL; 20- mL ampoules.

20000

## 15.DISINFECTANTS AND ANTISEPTICS

Chlorhexidine digluconate

Solution 5% 1L Bottle

10000



Polyvidone iodine

Solution 10%

100000

## **16.DIURETICS**

Mannitol

Injectable solution: 10%

10000

Mannitol

Injectable solution: 20%

20000

Spirolactone

Tablet: 25 mg

100000

## **17.GASTROINTESTINAL MEDICINES**

### **17.1 ANTIULCER MEDICINES**

Omeprazole

Solid oral dosage form: 10 mg

100000

Omeprazole

Solid oral dosage form: 20 mg

100000

Omeprazole

Solid oral dosage form:40 mg

100000

Omeprazole

Injection: 40 mg in 10 ml vial

500000

Ranitidine

Tablet 150 mg

100000

Ranitidine

Injection: 25mg/ml (HCL) in 2 ml ampoule

1500000

## 17.2 ANTIEMETIC MEDICINES

Metoclopramide

Injection: 10mg/2ml ampoule

600000

Metoclopramide

Tablet : 10 mg

100000

Ondansetrone

Injection: 4 mg

300000

### **17.3 ANTI-INFLAMMATORY MEDICINES**

Hydrocortisone

Suppository: 25mg

0

### **17.5 MEDICINES USED IN DIARRHOEA**

Oral rehydration salts

Powder for dilution

1000000

#### **17.5.2 Medicines for diarrhoea**

Zinc sulfate

Solid oral dosage form: 20 mg.

5000

**□ 18.5 NSULINS AND OTHER MEDICINES USED FOR DIABETES**

Glibenclamide

Tablet: 5 mg

1000000

Gliclazid

Tables 80mg

1000000

Insulin Mix 70/30

Injection: 100IU/ml, 10 ml vial

100000

Insulin pens Mix-cartridge with needle, 100IU/ml, 3ml

Box / 5 Cartridges

50000

Insulin pens N-cartridge with needle, 100IU/ml, 3ml

Box / 5 Cartridges

40000

Insulin pens R- cartridge with needle, 100IU/ml, 3ml( special list)fifth quantity

Box / 5 Cartridges

40000

Insulin Rapid

Injection : 100IU/ml, 10ml

5000

Insulin N

Injection

2000

Insulin Tardum

Injection: 100IU/ml, 10 ml

10000

Medroxyprogesterone acetate



Tablet: 5mg

10000

Metformin

Tablet: 850 mg (hydrochloride)

500000

Metformin

Tablet: 1000 mg (or 500)

1000000

glucagon

Injection: 1 mg/ mL.

5000

## 18.8 THYROID HORMONS AND ANTITHYROID MEDICINES

Levothyroxine

Tablet: 50 micrograms (sodium salt)

50000

Levothyroxine

Tablet: 100 micrograms (sodium salt)

50000

Methimazole

Tablet: 5mg

80000

Propylthiouracil

Tablet: 50mg

0

## ▣ 19.1 DIAGNOSTIC AGENTS

Tuberculin, purified protein derivative (PPD)

Injection: 1,5ml -10 UT- Ampoule

1000

## 19.2 SERA AND IMMUNOGLOBULINS

Anti-D immunoglobulin (human)

Injection: 250 micrograms in single-dose vial (IM)

10000

Anti-D immunoglobulin (human)

Injection: 250 micrograms (IV)

1000

Antivenom immunoglobulin\*

Injection

10000

Antivenom immunoglobulin\*

\* Exact type to be defined locally ( Rabies)

10000

## **20.MUSCLE RELAXANTS ( PERIPHERALLY -ACTING) AND CHOLIINESTERASE INHIBITORS**

Atracurium

Injection: 25mg/ml Besylate

100000

Atracurium

Injection: 10mg/ml Besylate

100000

Neostigmine

Tablet: 15 mg (bromide)

100000

Neostigmine

Injection: 2.5mg (metilsulfate) in 1-ml ampoule

75000

Neostigmine

Injection: 500 micrograms in 1-ml ampoule

300000

Pyridoxine

Tablet: 25 mg (hydrochloride)

10000

Suxamethonium

Powder For Injection: 50 mg (chloride)/ml in 2-ml ampoule

10000

Vecuronium

Powder for injection: 10 mg (bromide) in vial

5000

Pyridostigmine

Injection: 1 mg in 1-ml ampoule

5000

Pyridostigmine

Tablet: 60 mg (bromide)

5000

Potassium chloride

Syrup: 40 m Eq. Potassium per 30mL

5000

## 21.OPHTHALMOLOGICAL PREPERATIONS

Acetazolamide

Tablet: 250 mg

50000

Acyclovir

Ointment 3% W/W

25000

Atropine

Solution (eye drops) 0.3% (sulfate)

10000



Atropine

Solution (eye drops) 0.5% (sulfate)

10000

Atropine

Solution (eye drops) 1% (sulfate)

10000

Ciprofloxacin

Eye ointment 1%

10000

Pilocarpine

Solution (eye drops) 2%; 4% (hydrochloride or nitrate)

10000

Prednisolone

Solution (eye drops) 0.5% (sodium phosphate)

15000

Tetracaine

Solution (eye drops) 0.5% (hydrochloride)

10000

Tetracycline

Eye ointment 1% (hydrochloride)

20000

Timolol

Solution (eye drops) 0.5% (as hydrogen maleate)

200000

Tobramycine

Ophthalmic drops 0.3%

60000

Fluoresceine

Ophthalmic

5000

Gentamicin

Solution (eye drops) 0.3% (sulfate)

50000

## 22.OXYTOCICS AND ANTIOXYTOCICS

Ergometrine

Injection: 200 micrograms (hydrogen maleate) in 1-ml ampoule

150000

Misoprostol

Tablet: 200 microgrames

5000

Misoprostol

Vaginal tablet: 25 microgrames

5000

Nifedipine

Immediate-release capsule: 10 mg

15000

Oxytocin

Injection: 10 IU in 1-ml

500000

## **24.MEDICINES FOR MENTAL AND BEHAVIOURAL DISORDERS**

Benzhexol

Tablet: 2mg

20000

Benzhexol

Tablet: 5mg

20000

Carbamazepine

Tablet (scored): 100 mg

500000

Carbamazepine (SR)

Tablet (scored): 200 mg

1000000

Carbamazepine

Tablet (scored): 400 mg

1000000

Chlorpromazine

Injection: 25 mg (hydrochloride)/ml in 2-ml ampoule

10000

Fluoxetine

Oral form: 20 mg (as hydrochloride)

20000

Fluphenazine

Injection: 25 mg (decanoate or enantate) in 1-ml ampoule

20000

Haloperidol

Injection: 5 mg in 1-ml ampoule

20000

Haloperidol

Tablet: 10 mg

10000

Haloperidol

Tablet: 5 mg

10000

Lithium carbonate

Solid oral dosage form: 300 mg

50000



Valproic acid (sodium valproate)

Tablet (enteric-coated):200 mg

10000

Valproic acid (sodium valproate)

Tablet (enteric-coated):500 mg

10000

Valproic acid (sodium valproate)

Oral Liquid 200mg/5ml

10000

Clomipramine

Capsule: 10 mg (hydrochloride)

25000

Haloperidol

Oral drops

50000

Clomipramine

Capsule: 25 mg (hydrochloride)

100000

Amitriptylin

Tablets 10mg

10000

Amitriptylin

Tablets 25mg

10000

Clozapin

Tablets 25mg

50000

Clozapin

Tablets 100mg

50000

Risperidone

Solid oral dosage form: 4 mg

25000

## **25 .RESPIRATORY TRACT MEDICINES**

### **25.1 Antiasthmatic and medicines for chronic obstructive pulmonary disease**

Budesonide

Inhalation (aerosol): 100 micrograms per dose

25000

Budesonide

Inhalation (aerosol): 200 micrograms per dose

25000

Beclomethazone dipropionate

Nasal Spray: 50mcg/puff

300000

Ipratropium bromide

Inhalation aerosol 20 microgramme/ metered dose

400000

Salbutamol

Inhalation (aerosol): 100 micrograms (as sulfate) per dose

150000

Salbutamol

Injection: 0,5mg/ml

100000

Salbutamol

Respirator solution for use in nebulizers: 5 mg (as sulfate)/ml

50000

Dextromethorphan hydrobromide 10mg+Chlorpheniramine maleate 2mg Syr

Syrup 10mg/2 mg

0

## **26.SOLUTIONS CORRECTING WATER, ELECTROLYTES AND ACID-BASE DISTURBANCES**

Glucose

Injectable solution: 5% (isotonic) 1L

3000000

Glucose

Injectable solution: 10% (hypertonic) 1L

100000

Glucose

Injectable solution;; 50% (hypertonic)

5000

Glucose with sodium chloride

Injectable solution: 4% glucose, 0.18% sodium chloride(equivalent to Na<sup>+</sup> 30 mmol/L, Cl<sup>-</sup> 30 mmol/L) 1L

3000000

325000

Potassium chloride

injectable Solution: 11.2% in 20-ml ampoule. (equivalent to K<sup>+</sup> 1.5 mmol/ml, Cl<sup>-</sup> 1.5 mmol/ml).

100000

Potassium chloride

Tablet: 600mg

25000

Potassium chloride

Syrup 40 m Eq. Potassium per 30ml

25000

Sodium bicarbonate



Injectable solution: 1.4% isotonic (equivalent to Na<sup>+</sup> 167 mmol/L, HCO<sub>3</sub><sup>-</sup> 167 mmol/L).

100000

Sodium chloride

Injectable solution: 0.9% isotonic (equivalent to Na<sup>+</sup> 154 mmol/L, Cl<sup>-</sup> 154 mmol/L).1L

5000000

Sodium lactate, compound solution

Injectable solution

100000

### **26.3 Miscellaneous**

water for injection

5- mL ampoule

1000000

## 27.VITAMINS AND MINERALS

Ascorbic acid

Tablet: 500 mg

100000

B- complex

Tablet: B1+B6+B12

100000

B- complex

Injection

200000

Calcium gluconate

Injection: 100 mg/ml in 10-ml ampoule

50000

Cholecalciferol

Oral liquid: 400 IU/ml

2000000

Cholecalciferol

Solid oral dosage form: 400 IU

1000000

Cholecalciferol

Solid oral dosage form: 1000 IU

500000

Nicotinamide

Tablet: 50 mg

100000

Retinol

Capsule: 50 000 IU; (as palmitate)

100000

Retinol

Capsule: 100 000 IU(as palmitate)

100000

Retinol

Capsule: 200 000 IU (as palmitate)

100000

Retinol

Oral oily solution: 100 000 IU (as palmitate)/ml in multidose dispenser.

100000

Retinol

Tablet (sugar-coated): 10 000 IU (as palmitate)

100000

Retinol

Water-miscible injection: 100 000 IU (as palmitate) inJ 2ml ampoule

100000

Riboflavin

Tablet: 5 mg

100000

calcium

Tablet: 500 mg (elemental)

1000000

Thiamine

Tablet: 50 mg (hydrochloride)

100000

## **29. SPECIFIC MEDICINES FOR NEONATAL CARE**

### **29.1 Medicines administered to the neonate**

caffeine citrate

Injection: 20 mg/ mL (equivalent to 10 mg caffeinebase/ mL).

5000

surfactant

Suspension for intratracheal instillation: 25 mg/ Ml

10000

## **30. MEDICINES FOR DISEASES OF JOINTS**

### **30.2 Disease-modifying agents used in rheumatoid disorders (DMARDs)**

Penicillamine

Solid oral dosage form: 250 mg.

80000

**Total estimated cost for EML 2019 USD 129,782,444**

## **ANNEX 2**

### ***Special Medicines List 2019***

#### **Anti- Cancer Drugs**

**#**

**Item**

**Description**



**Needs 2019**

1

Anastrazol

1mg/ Tablet

100,000

2

Busulfan

2mg/ Tablet

1,000

3

Busulfan

5 mg/vial

10

4

Epirubicine

10mg /vial

5,000

5

Epirubicine

50mg/ vial

5,000

6

Exemestane

25mg/ Tablet

50,000

7

Flutamide

250mg/ Tablet

100,000

8

Goserelin

10.8 mg / dose prefilled syringe

2,000

9

Goserelin

3.6 mg prefilled syringe

2,200

10

Melphalan

2 mg /Tablet

20,000

11

Melphalan

50 mg /vial

100

12

Mitoxantrone

10 mg /vial

400

13

Octreotide LAR

30 mg / vial

550

14

Octreotide acetate

0.1 mg/ml amp

850

15

valganciclovir Tabs

Tablet: 450 mg

2,000

16

Temozolomide

Tablet :100 mg

3,000

17

Temozolomide

Tablet 250 mg

3,000

18

Thalidomide

Tablet :50 mg

10,000

19

Thalidomide

Tablet :100 mg

10,000

20

Topotecan vial

4mg

1,000

21

Letrozole

Tablet : 2,5mg

100,000

22

Cetuximab

Inj :5 mg/ml in 20 ml



12,000

23

Pazopanib

Tablet : 400mg

35,000

24

Pazopanib

Tablet : 200mg

10,000

25

Sorafenib

Tablet : 200mg

120,000

26

Sorafenib

Tablet : 400mg

0

27

Vemurafenib

Tablet : 240 mg

14,000

28

Pemetrexed 500 mg

Tablet : 500 mg

1,000

29

Sunitinib

Capsule : 50 mg

11,000

30

Fulvestrant

Inj : 250 mg/5 ml

1,500

31

Fulvestrant

Inj : 500 mg/5 ml

0

32

Everolimus

Tablet : 5 mg

8,000

33

Everolimus

Tablet : 10 mg

6,000

34

Everolimus

Tablet : 0.75mg

105,000

35

Erlotinib

Tablet :150 mg

4,000

36

Fingolimod

Capsule : 0,5 mg

5,000

37

Natalizumab

Inj : 300 mg in 15 ml

0

38

Bevacizumab

100mg vial

2,500

39

Bevacizumab

400mg vial

1,500

40

Bicalutamide

50mg Tab

110,000

41

Bortezomib

3.5mg amp

1,600

42

Bortezomib

1mg vial

300

43

Carmustine

40mg Tab

0

44

Carmustine

50mg injection



30

45

Carmustine

100mg injection

30

46

Cladribine

10 MG vial

500

47

Etanercept

25 mg amp

4,000

48

Gefitinib

250mg Tab

10,000

49

Golimumab

50 mg prefilled injection

4,000

50

Idarubicin

5 mg vial

700

51

Idarubicin

10mg vial

540

52

Idarubicin

20mg vial

400

53

Lapatinib

250mg Tab

15,000

54

Lenalidomide

10 mg Tab

8,000

55

Leuprolide

7.5 mg vial

300

56

Regorafenib

40 mg Tab

15,000

57

Triptorelin acetate

3.75 mg amp

1,000

58

Triptorelin Acetate

0.1 mg amp

1,000

59

Vinflunine ditrate

50mg/2ml vial

500

60

Vinflunine ditrate

250mg/100ml vial

700

**Estimated total cost USD 31,079,950**

## Other Medicines

#

Item

Description

Need 2019

1

Smof Kabiven

Bag

30,000

2

Kabiven

Bag

7,000

3

Voluven 6%

Bag

75,000

4

Fluticazone 120 doses

Inhaler :50 microgr/dose



10,000

5

Salmeterol 120 doses

Inhaler :25 microgr par dose

10,000

6

Formotérol

Inhaler :12 microgr

2,500

7

Olodatérol

2,5 Microgr

2,500

8

Omalizumab

Inj :150 mg

1,000

9

Dornase alfa

Inhaler :500 U/2,5 ml

0

10

Iloprost

Inhaler :10 microgr/ml

0

11

Tocilizumab

Inj : 162mg

800

12

Infliximab

Vial 100 mg

7,000

13

Rocuronium bromide

Inj : 50mg/5ml

5,000

14

Pancuronium

Inj : 2mg/ml

1,000

15

Tirofiban

Inj :50 microgram per ml

1,000

16

Nitroglycerin

spray

0

17

Nitroglycerin

Patch : 5mg

40,000

18

Nitroglycerin

Patch :10mg

40,000

19

Basiliximab Iv

Inj : 20 microgr

100

20

Pramipexol

Tablet: 0.18

0

21

Pramipexol

Tablet:0.35

0

22

linezolid

Injection for intravenous administration: 2 mg/ mL in 300 mL bag

10,000

23

levodopa, carbidopa, entacapone STALEVO (B/100 tabs)

Tablet:200 mg/50 mg/200 mg

30,000

24

Clonazepam

Tablet : 1 mg

50,000

25

Levetiracetam

Tablet : 500mg

25,000

26

Levetiracetam

Oral Susp :300mg



0

27

Levetiracetam

500 mg/5ml amp

0

**Estimated total cost USD 8,146,000**

### **ANNEX 3**

#### **Hospital supplies and Equipment 2019**

Description

**Quantity**

**Total Quantities**

**MOH**

**MOHE**

1

Renal dialysis consumable kits Fresenius or Gambro- B Braun)

600,000

2

Renal dialysis machine (Gambro or B Braun or Fresenius )

150

150

300

3

Oxygenator max flow rate 2 with circuate

0

150

150

4

Oxygenator max flow rate 2.5 with circuate

0

150

150

5

Oxygenator max flow rate 3 with circuate

1000

150

1150

6

Oxygenator max flow rate 5 with circuate

1000

150

1150

7

Oxygenator max flow rate more than 5 with circuate

2000

150

2150

8

Water purification unit for kidney dialysis- 1 staions for each 4-5 machines

35

25

60

9

Fucidic acid Gauze Sterile Gauze

50000

30000

80000

10

ventilator ,infant , neonatal

25

15

40

11

Ventilator adult

100

50

150

12

Nebulizer with 100 filters

74

0

74

13

Color Doppler Echo Machine

15

10

25

14

Mobile X-ray machine

10

4

14

15

X-ray machine basic

10

5



15

16

C-Arm X ray Machine

10

5

15

17

Radiographic basic system with floating table unit and protection X- RAY Apron Supplier: Siemens, GE,

5

2

7

18

Radiographic/ Fluoroscopic, general purpose unit

5

1

6

19

Incubator - baby incubator

100

50

150

20

Phototherapy unit mobile for baby incubator-Independent

50

30

80

21

ICU incubator with monitor

25

5

30

22

Mobile baby Incubator

5

5

23

Operating Table General

20

10

30

24

Orthopedic surgical table with traction

15

4

19

25

Neurosurgical operations table

2

1

3

26

Otology Microscope

2

2

4

27

Ophthalmology Microscope

7

5

12

28

Neurosurgery Microscope

6

5

11

29

Operating suction machine

100

50

150

30

Freezer -80 C with alarm & monitor

10

2

12

31

YAG Laser for Ophthalmology

4

2

6

32

Multi- 6 Channel ECG

20

20

40

33

Multi- 12 Channel ECG



20

20

40

34

Defibrillator

40

10

50

35

Elisa Reader and washer analyzer

4

1

5

36

Total Hormones ANALYSER

3

1

4

37

Steam sterilizer capacity vertical 200 L

15

8

23

38

High Speed

**steam**

Sterilizer (20L)

40

15

55

39

Ambulances

100

30

130

40

Oxygen Generator central unit for different hospital sizes

30

5

35

41

Oxygen generator unit 20 m<sup>3</sup> / hour

6

3

9

42

Computed Tomography Multislices (CT. Multislices)

4

3

7

43

Echography machine ( ob/gynecology)

20

5

25

44

Anesthesia Machine

50

30

80

45

Anesthesia Machine ( with digital mixer and digital flowmeter)

6

6

12

46

Complete colonoscopy unit

6

2

8

47

Upper and lower complete gastroscopy unit(tower - light source with camera)

6

2

8

48

Mobile Ventilator

10

10

20

49

Automatic Syringe Pump

200

100

300

50

Endometrial Telescope Unit with Bipolar Electro Surgery unit and all accessories

10

2

12



51

Hematology Analyzers Automated(3 part differential for leucocytes)

8

2

10

52

Clinical Chemistry Analyzer Automated 400 Test/H

12

6

18

53

Spectrophotometer

20

0

20

54

Electrophoresis HPLC

5

0

5

55

Hemoglobin apphersis cappillay

5

0

5

56

Microscope complete

15

5

20

57

Microhematocrit centrifuge

15

5

20

58

Centrifuge for tube 15ml &50 ml

15

5

20

59

Non invasive Bilirubin analyzer for newborn

3

0

3

60

Blood bags Refrigerator with monitor and alarm- capacity 100-120 bags

50

10

60

61

Electrolyte analyzer

10

5

15

62

Blood gaz analyzer

8

8

16

63

Germ incubator capacity to be specified

10

0

10

64

Digital Workstation for x-ray films ( CR)

20

5

25

65

Magnetic Resonance Imaging (MRI)

4

2

6

66

Electro Surgery unit EUS

20

5

25

67

Operating room Ceiling Light with two arms

50

20

70

68

Operating room Mobile Light with battery

100



20

120

69

UPS units for hospital department capacity to be specified

200

100

300

70

Laboratory incubator

2

0

2

71

Safety cabinet class 2

2

0

2

72

Shaker for sputum with incubator

2

0

2

73

Real time PCR

2

0

2

74

Gene expert 3000 kit machine

2

0

2

75

Pasteur oven

2

0

2

76

Inspissator for bacterial media- specifications to be identified

2

0

2

77

Heart and lung machine with heater cooler

3

3

6

78

Intra aortic balloon pump

3

1

4

79

vein illuminator

20

10

30

80

Cardiac cath- lab

1

1

2

**Estimated total cost USD : 180,000,000**

## **ANNEX 4**

### **Medical kits**

**Description**

**Unit of Measure**

**Qty**

Burn Dressing Kit without Silver Sulphadiazine cream

Kit

Quantities will be defined upon country needs

Burn Dressing Kit with Silver Sulphadiazine cream

kit

KIT, SURGICAL SUPPLY

Kit

KIT, SURGICAL INSTRUMENT, MINOR

Kit

KIT, SURGICAL INSTRUMENT, MAJOR

Kit

KIT, TRAUMA - A

Kit

KIT, TRAUMA - B

Kit

First Aid Kit

Kit

KIT, CHOLERA HARDWARE (6), complete



Kit

KIT, CHOLERA COMMUNITY (3), complete

Kit

KIT, CHOLERA CENTRAL REFERENCE (1), complete

Kit

KIT, FAMILY DOCTOR'S PRACTICE

Kit

IEHK 2017 - Complete

Kit

IEHK 2017- Basic unit without antimalarial medicines

Kit

NCDK 2016 Complete

Kit

**ANNEX 5**

**Vaccines 2019**

#

**Item**

**Need Qty 2019**

1

BCG

0

2

BCG Live ( intravesical )

900

3

ACYW meningococcal meningitis vaccine

750000

4

Anti Rabies Serum

15000

5

antitetanus immunoglobulin

25000

6

antitetanus Serum

25000

7

DT (1 dose vial )

0

8

DTPa (1 dose vial )

0

9

haemophilus influenza type b vaccine

10000

10

hepatitis A vaccine

10000

11

hepatitis A Adult vaccine

5000

12

hepatitis B vaccine

0

13

hepatitis B Adult vaccine

0

14

influenza vaccine

250000

15

Rabies vaccine

40000

16

Rotavirus vaccine

0

17

typhoid vaccine

0

18

yellow fever vaccine

1500

19

Chickenpox Vaccine

10000

20

MMR (1 dose vial )

0

21

OPV (20 Dose )

0

22

Pentaxin Vaccine

0

23



Pneumococcal Vaccine PCV13

5000

24

Pneumococcal Vaccine PPSV23

5000

25

Teramix Vaccine( 1 Dose Vial )

0

26

TRI TAN RIX ( 1 Dose Vial )

0

Friday 19th of April 2024 02:19:01 AM