



REPUBLIC OF LEBANON
MINISTRY OF PUBLIC HEALTH

List of Essential Medicines Lebanon

EML - 2018

EML Editorial Committee

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Foreword

Essential medicines as defined by the World Health Organization (WHO) are “those that satisfy the priority health care needs of the population. They are selected with due regard to public health relevance, evidence on efficacy and safety, and comparative cost-effectiveness. Essential medicines are intended to be available within the context of functioning health systems at all times in adequate amounts, in the appropriate dosage forms, with assured quality and adequate information, and at a price the individual and the community can afford. The implementation of the concept of essential medicines is intended to be flexible and adaptable to many different situations; exactly which medicines are regarded as essential remains a national responsibility”.

The WHO Model list of Essential Medicines revised every two years provides a template and serves as a guide for countries to prepare their own lists taking into consideration local priorities.

Based on the current version of the WHO Model List of Essential medicines 20th edition published in 2017, the Ministry of Public Health in Lebanon through the Quality Assurance of Pharmaceutical Products Program prepared the National List of Essential Medicines EML 2018, four years after the last edition in 2014. The EML 2018 contains around 350 medicinal products and was prepared over one year by a Committee of Experts.

The EML is aligned with the National Drug Formulary and National Health Programs such as EIP Mother & Child, TB Control, HIV/AIDS, Malaria, National Mental Health Program and Primary Healthcare. The formulation and strengths of medicines listed in the EML are those mentioned under these National Health Programs and National Drug Formulary.

The Lebanese EML 2018 contains a core list and complementary list:

The core list presents a list of minimum medicine needs for a basic health care system, listing the most efficacious, safe and cost-effective medicines for priority conditions. Priority conditions are selected on the basis of current and estimated future public health relevance, and potential for safe and cost-effective treatment.

The complementary list presents essential medicines for priority diseases, for which specialized diagnostic or monitoring facilities are needed. In case of doubt medicines may also be listed as complementary on the basis of consistent higher costs or less attractive cost-effectiveness in a variety of settings.

The list is divided into 30 sections related to the main Therapeutic classes of medicines and arranged in three columns;

- 1- INN of the medicine,
- 2- Dosage form and strength of the medicine
- 3- Official Status of the medicine

Medicines and dosage forms are listed in alphabetical order within each section with no implication of preference for one form over another.

The following symbols are used in the list to indicate the status of the medicine:

R: Registered drug in the Ministry of Public Health
NR: Non Registered drug in the Ministry of Public Health
HIV: included in the HIV Program
M: included in the MALARIA Program
NMHP: included in the NATIONAL MENTAL HEALTH Program
TB: included in the TUBERCULOSIS Program
U: provided through UNICEF Program
Y: provided through YMCA Program
[a]: indicates that there is an age or weight restriction on use of the medicine.

An index listing the Medicines by alphabetical order is available at the end of the document facilitating retrieval of information and easy reference.

We hope that all health providers would embrace this document as important tool for management of medicines and rationalizing prescription in the country. The EML 2018 welcomes comments from healthcare professionals; such comments help us to ensure that the National Essential medicines list remains relevant to practice.

The list can be accessed from the official website of the Ministry of Public Health: www.moph.gov.lb

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R: Registered drug
NR: Non Registered drug
HIV: HIV program
M: MALARIA program
NMHP: NATIONAL MENTAL HEALTH PROGRAM
TB: TUBERCULOSIS program
Y: YMCA program
U: UNICEF program
[a]: age or weight restriction

1. ANAESTHETICS		
1.1 General anaesthetics and oxygen		
1.1.1 Inhalational medicines		
isoflurane	inhalation	R
1.1.2 Injectable medicines		
ketamine	injection: 50 mg (as hydrochloride)/ml in 10-ml vial	R
propofol	injection: 10 mg/ml in 20-ml ampoule	R
1.2 Local anaesthetics		
bupivacaine	injection: 0.25% (hydrochloride) in vial	R
bupivacaine	injection: 0.5% (hydrochloride) in vial	R
bupivacaine	injection for spinal anaesthesia: 0.5% in 4-ml ampoule to be mixed with 7.5% glucose solution	R
lidocaine	injection 1% (hydrochloride) in vial	R U
lidocaine	injection 2% (hydrochloride) in vial	R U
lidocaine	topical forms: 2-4%	R U
lidocaine + epinephrine (adrenaline)	injection 1% (hydrochloride)+ epinephrine 1:200 000 in vial	R
lidocaine + epinephrine (adrenaline)	injection 2% (hydrochloride)+ epinephrine 1:200 000 in vial	R U
Complementary List		
ephedrine	injection: 30 mg (hydrochloride)/ml in 1-ml ampoule	R
1.3 Preoperative medication and sedation for short-term procedures		
atropine	injection: 1 mg (sulfate) in 1-ml ampoule	R U
diazepam	injection: 5 mg/ml in 2-ml ampoule	R
diazepam	tablet: 5 mg	R
midazolam	injection: 1 mg/ml	R
midazolam	tablet: 7.5 mg	R
morphine	injection: 15 mg (sulfate or hydrochloride) in 1-ml ampoule	R
pethidine	injection: 50 mg (hydrochloride) in 1-ml ampoule	R

2. MEDICINES FOR PAIN AND PALLIATIVE CARE		
2.1 Non-opioids and NSAIDs		
acetylsalicylic acid	tablet: 100 mg to 300 mg	R U Y
ibuprofen	oral liquid: 200 mg/5 ml	R U [a] Not in children less than 3 months
ibuprofen	oral liquid: 100 mg/5 ml	R U [a] Not in children less than 3 months
ibuprofen	tablet: 200 mg	R U [a] Not in children less than 3 months
ibuprofen	tablet: 400 mg	R U [a] Not in children less than 3 months
ibuprofen	tablet: 600 mg	R [a] Not in children less than 3 months
mefenamic acid	tablet: 250mg	NR U
paracetamol	oral liquid: 125 mg/5 ml	R U
paracetamol	oral liquid: 250mg/ml	R
paracetamol	suppository: 125 mg	R
paracetamol	suppository: 200mg	R U
paracetamol	suppository: 250mg	R U
paracetamol	tablet: 500 mg	R U
diclofenac potassium	tablet: 50 mg	R Y
2.2 Opioid analgesics		
fentanyl	transdermal patch: 25 micrograms/hr	R
fentanyl	transdermal patch: 50 micrograms/hr	R
fentanyl	transdermal patch: 75 micrograms/hr	R
fentanyl	transdermal patch: 100 micrograms/hr	R
morphine	tablet (slow release): 10 mg to 100 mg (morphine hydrochloride or morphine sulfate)	R
pethidine	injection: 50 mg (hydrochloride)/ml in 2-ml ampoule	R
tramadol	tablet: 50 mg	R
tramadol	injection: 100 mg in 2-ml ampoule	R
2.3 Medicines for other common symptoms in palliative care		
amitriptyline	tablet: 25 mg	R Y
dexamethasone	injection: 4 mg/ml in 1-ml ampoule (as disodium phosphate salt)	R U
dexamethasone	oral liquid: 2mg/5 ml	NR U
dexamethasone	tablet: 0.5 mg	R U
diazepam	injection: 5 mg/ml in 2-ml ampoule	R
diazepam	tablet: 5 mg	R
fluoxetine	solid oral dosage form: 20 mg (as hydrochloride)	R Y [a] More than 8 years
haloperidol	injection: 5 mg in 1-ml ampoule	R
haloperidol	solid oral dosage form: 0.5 mg	R
haloperidol	solid oral dosage form: 2 mg	R
haloperidol	solid oral dosage form: 5 mg	R Y
hyoscine butylbromide	injection: 20 mg/ml	R U

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Based on WHO Model List – 20th edition

lactulose	Oral liquid: 3.1-3.7 g/5 ml	R U
loperamide	solid oral dosage form: 2 mg	R U
metoclopramide	injection: 10mg (hydrochloride)/ml in 2-ml ampoule	R
metoclopramide	oral liquid: 5 mg/5 ml	R
metoclopramide	solid oral dosage form: 10 mg (hydrochloride)	R
midazolam	injection: 1 mg/ml	R
midazolam	injection: 5 mg/ml.	R
midazolam	solid oral dosage form: 7.5 mg	R
ondansetron	injection: 2-mg base/ml in 2-ml ampoule (as hydrochloride)	R [a] More than 1 month
ondansetron	solid oral dosage form: Eq 4 mg base; Eq 8 mg base	R [a] More than 1 month
senna	tablet: 7.5 mg	NR U

3. ANTIALLERGENICS AND MEDICINES USED IN ANAPHYLAXIS		
chlorpheniramine	tablet: 4 mg	NR U
chlorpheniramine	oral liquid: 2 mg/5ml	NR U
dexamethasone	injection: 4 mg/ml in 1-ml ampoule (as disodium phosphate salt)	R U
dexamethasone	tablet: 0.5 mg	R U
epinephrine (adrenaline)	injection: 1 mg (as hydrochloride or hydrogen tartrate) in 1-ml ampoule	R U
hydrocortisone	powder for injection: 100 mg (as sodium succinate) in vial	R
loratadine	oral liquid: 1 mg/ml	R U
loratadine	tablet: 10 mg	R U
triamcinolone	injection: 40 mg/ml	R
4. ANTIDOTES AND OTHER SUBSTANCES USED IN POISONING		
4.2 Specific		
atropine	injection: 1 mg (sulfate) in 1-ml ampoule	R U
calcium folinate	tablet: 15 mg	R
calcium folinate	injection 30 mg or 50 mg ampoule	R
calcium gluconate	injection: 100 mg in 10-ml ampoule	R U
dexrazoxane	injection: 500 mg	R
flumazenil	injection: 0.5 mg in 5-ml ampoule	R
glucagon	injection: 1 mg/ml in 2-ml ampoule	R
hydroxocobalamin	injection: 1 mg in 1-ml ampoule	NR
naloxone	injection: 400 micrograms (hydrochloride) in 1-ml ampoule	R
protamine sulfate	injection: 10 mg/ml in 5-ml ampoule	R
Complementary List		
deferoxamine	powder for injection: 500 mg (mesilate) in vial	R

5. ANTICONVULSANTS		
carbamazepine	oral liquid: 100 mg/5 ml	R
carbamazepine	tablet (scored): 200 mg	R Y
carbamazepine	tablet (scored): 400 mg	R Y
lamotrigine	tablet: 5 mg	R
lamotrigine	tablet: 25 mg	R
lamotrigine	tablet: 50 mg	R
lamotrigine	tablet: 100 mg	R
lamotrigine	tablet (chewable, dispersible): 25 mg	R
lamotrigine	tablet (chewable, dispersible): 50 mg	R
lamotrigine	tablet (chewable, dispersible): 100 mg	R
levetiracetam	tablet: 500 mg	R NMHP
levetiracetam	syrup: 100 mg/ml	R NMHP
lorazepam	tablet: 1mg	R
lorazepam	tablet: 2 mg	R
magnesium sulfate	injection: 500 mg/ml in 2-ml ampoule	R
magnesium sulfate	injection: 500 mg/ml in 10-ml ampoule	R
phenobarbital	tablet: 15 mg to 100 mg	R
phenytoin	injection: 50 mg/ml in 5-ml vial	R
phenytoin	oral liquid: 30 mg/5 ml	R
phenytoin	solid oral dosage form: 100 mg (sodium salt)	R Y
valproic acid	oral liquid: 200 mg/5 ml	R Y
valproic acid	tablet (enteric-coated): 200 mg (sodium valproate)	R
valproic acid	tablet (enteric-coated): 500 mg (sodium valproate)	R Y
valproic acid	tablet 500 mg Chrono (sodium valproate)	R Y

6. ANTI-INFECTIVE MEDICINES		
6.1 Anthelmintics		
6.1.1 Intestinal anthelmintics		
albendazole	tablet (chewable): 400 mg	R
mebendazole	tablet (chewable): 100 mg	R
mebendazole	tablet (chewable): 500 mg	R U
mebendazole	oral liquid: 100mg/5ml	R U
niclosamide	tablet (chewable): 500 mg	R U
6.1.2 Antifilarials		
albendazole	tablet (chewable): 400 mg	R U
6.1.3 Antischistosomes and other antitrematode medicines		
6.2 Antibacterials		
6.2.1 Beta lactam medicines		
amoxicillin	powder for oral liquid: 125 mg (as trihydrate)/5 ml	R
amoxicillin	powder for oral liquid: 250 mg (as trihydrate)/5 ml	R U
amoxicillin	solid oral dosage form: 250 mg (as trihydrate)	R
amoxicillin	solid oral dosage form: 500 mg (as trihydrate)	R U
amoxicillin	powder for injection: 500 mg (as sodium) in vial	R
amoxicillin	powder for injection: 1 g (as sodium) in vial	R
Cloxacilline	tablet: 500mg	R U
amoxicillin + clavulanic acid	oral liquid: 125 mg amoxicillin + 31.25 mg clavulanic acid/5 ml	R U
amoxicillin + clavulanic acid	oral liquid: 250 mg amoxicillin + 62.5 mg clavulanic acid/5 ml	R U
amoxicillin + clavulanic acid	oral liquid: 400 mg Amoxicillin - Clavulanic Acid - 57mg/5ml	R
amoxicillin + clavulanic acid	tablet: 500 mg Amoxicillin (as trihydrate) + 125 mg Clavulanic Acid (as potassium salt)	R U
amoxicillin + clavulanic acid	tablet: 1g Amoxicillin (sodium), Clavulanic Acid (potassium) - 200mg	R
amoxicillin + clavulanic acid	powder for injection: 500 mg (as sodium) + 100 mg (as potassium salt) in vial	R
amoxicillin + clavulanic acid	powder for injection: 1000 mg (as sodium) + 200 mg (as potassium salt) in vial	R
benzathine benzylpenicillin	powder for injection: 1.2 million IU	R U
cefalexin	powder for reconstitution with water: 250 mg/5 ml (anhydrous)	R U
cefalexin	solid oral dosage form: 250 mg (as monohydrate)	R
cefazolin	powder for injection: 1 g (as sodium salt) in vial	R [a] More than 1 month
cefixime	capsule: 400 mg (as trihydrate)	R
cefixime	oral liquid: 100mg/5ml	R U
ceftriaxone	powder for injection: 250 mg (as sodium salt) in vial	R [a] More than 41 weeks corrected gestational age
ceftriaxone	powder for injection: 1 g (as sodium salt) in vial	R [a] More than 41 weeks corrected gestational age

cefepime	powder for injection: 500 mg (as hydrochloride) in vial	R
cefepime	powder for injection: 1g (as hydrochloride) in vial	R
ceftaroline	powder for injection: 600 mg (as fosamil) in vial	R
meropenem	powder for injection: 500 mg (as trihydrate) in vial	R [a]
meropenem	powder for injection: 1 g (as trihydrate) in vial	R [a]
piperacillin + tazobactam	powder for injection: 2 g (as sodium salt) + 250 mg (as sodium salt) in vial	R
piperacillin + tazobactam	powder for injection: 4 g (as sodium salt) + 500 mg (as sodium salt) in vial	R
phenoxymethylpenicillin	tablet: 250 mg (as potassium salt)	R U
phenoxymethylpenicillin	powder for oral oral liquid: 250 mg (as potassium salt)/5 ml	R U
procaine benzylpenicillin	powder for injection: 1 g (=1 million IU)	R U
Complementary List		
cefotaxime	powder for injection: 500mg per vial (as sodium salt)	R
cefotaxime	powder for injection: 1000mg per vial (as sodium salt)	R
ceftazidime	powder for injection: 1 g (as pentahydrate) in vial	R
imipenem + cilastatin	powder for injection: 500 mg (as monohydrate) + 500 mg (as sodium salt) in vial	R
6.2.2 Other antibacterials		
azithromycin	capsule: 250 mg (anhydrous)	R U
azithromycin	capsule: 500 mg (anhydrous)	R U
azithromycin	oral liquid: 200 mg/5 ml	R U
ciprofloxacin	solution for IV infusion: 2 mg/ml (as hyclate)	R
ciprofloxacin	tablet: 250 mg (as hydrochloride)	R U
ciprofloxacin	tablet: 500 mg (as hydrochloride)	R U
ciprofloxacin	oral liquid: 200mg/5ml	NR U
doxycycline	solid oral dosage form: 50 mg	R [a] Use in children Less than 8 years only for life-threatening infections when no alternative exists
doxycycline	solid oral dosage form: 100 mg (as hyclate)	R U [a] Use in children Less than 8 years only for life-threatening infections when no alternative exists
gentamicin	injection: 10 mg/ml in 2ml vial	R
gentamicin	injection: 40mg/ml in 2ml vial	R U
metronidazole	injection: 500 mg in 100-ml vial	R
metronidazole	tablet: 200 mg to 500 mg	R U
nitrofurantoin	tablet: 100 mg	R
norfloxacin	tablet: 400mg	R U
spectinomycin	powder for injection: 2 g (as hydrochloride) in vial	R

sulfamethoxazole + trimethoprim	oral liquid: 200 mg + 40 mg/5 ml	R U
sulfamethoxazole + trimethoprim	tablet: 400 mg + 80 mg	R U
nitrofurantoin	tablet: 100 mg	R U
erythromycin	oral liquid: 125mg/5 ml	NR U
erythromycin	tablet: 250mg	R U
Complementary List		
clindamycin	capsule: 150 mg (as hydrochloride)	R
clindamycin	injection: 150 mg (as phosphate)/ml	R
tigecycline	powder for injection: 50 mg in vial	R
vancomycin	powder for injection: 500mg (as hydrochloride) in vial	R
6.2.3 Antileprosy medicines		
rifampicin	solid oral dosage form: 300 mg	R
6.2.4 Antituberculosis medicines		
ethambutol	tablet: 400 mg	NR TB
ethambutol	tablet: 100 mg	NR TB
ethambutol + isoniazid + pyrazinamide + rifampicin	tablet: 275 mg + 75 mg + 400 mg + 150 mg	NR TB
ethambutol + isoniazid + rifampicin	tablet: 275 mg + 75 mg + 150 mg	NR TB
isoniazid	tablet: 100 mg to 300 mg	NR TB
Prothionamide	tablet: 250 mg	NR TB
pyrazinamide	tablet: 400 mg	NR TB
pyrazinamide	tablet: 500 mg	NR TB
rifampicin	solid oral dosage form: 150mg	NR TB
rifampicin	solid oral dosage form: 300 mg	R TB
rifampicin + isoniazid	tablet: 75 mg + 150 mg	NR TB
rifampicin + isoniazid	tablet: 75 mg+ 50mg	NR TB
rifampicin + isoniazid + pyrazinamide	tablet: 75 mg + 50 mg + 150 mg	NR TB
rifampicin + isoniazid + pyrazinamide + ethambutol	tablet: 150 mg + 75 mg +400 mg + 275 mg	NR TB
streptomycin	powder for injection: 1 g (as sulfate) in vial	R
Complementary List		
amikacin	powder for injection: 100 mg. (as sulfate) in vial	R
amikacin	powder for injection: 500 mg. (as sulfate) in vial	R
bedaquiline	tablet: 100 mg	NR TB
capreomycin	powder for injection: 1 g (as sulfate) in vial	NR TB
clofazimine	capsule: 100 mg	NR TB
cycloserine	solid oral dosage form: 250 mg	NR TB
delamanid	tablet: 50 mg	NR TB [a] More than 6 years
ethionamide	tablet: 250 mg	NR TB
levofloxacin	tablet: 500 mg	R
levofloxacin	tablet: 750 mg	R TB

linezolid	tablet: 600 mg	R TB
moxifloxacin	tablet: 400 mg	R TB
p-aminosalicylic acid	granules: 4 g in sachet	NR TB
p-aminosalicylic acid	tablet: 500 mg	R
streptomycin	powder for injection: 1 g (as sulfate) in vial	R
6.3 Antifungal medicines		
amphotericin B	powder for injection: 50 mg in vial (as sodium deoxycholate or liposomal complex)	R
clotrimazole	vaginal cream: 1%	R
clotrimazole	vaginal tablet: 100 mg	R
fluconazole	capsule: 150 mg	R U
fluconazole	injection: 2 mg/ml in vial	R
fluconazole	oral liquid: 50 mg/5 ml	R
griseofulvin	solid oral dosage form: 500mg	R
itraconazole	capsule: 100 mg	R
nystatin	oral liquid: 100 000 IU/ml	R U
nystatin	tablet: 500 000 IU	R
terbinafine	tablet: 250mg	R U
voriconazole	tablet: 50 mg	R
voriconazole	tablet: 200 mg	R
voriconazole	powder for injection: 200 mg in vial	R
6.4 Antiviral medicines		
6.4.1 Antiherpes medicines		
aciclovir	oral liquid: 200 mg/5 ml	R
aciclovir	powder for injection: 250 mg (as sodium salt) in vial	R
aciclovir	tablet: 200 mg	R
6.4.2 Antiretrovirals		
6.4.2.1 Nucleoside/Nucleotide reverse transcriptase inhibitors		
abacavir (ABC)	tablet: 300 mg (as sulfate)	R
didanosine (ddl)	tablet (buffered chewable, dispersible): 100 mg	R
lamivudine (3TC)	tablet: 150 mg	R
lamivudine + zidovudine (3TC/ AZT)	tablet: 150 mg + 300 mg	R
tenofovir disoproxil fumarate (TDF)	tablet: 300 mg (tenofovir disoproxil fumarate – equivalent to 245 mg tenofovir disoproxil)	R
zidovudine (ZDV or AZT)	capsule: 100 mg	R
6.4.2.2 Non-Nucleoside reverse transcriptase inhibitors		
efavirenz (EFV or EFZ)	tablet: 600 mg	R [a] More than 3 years or More than 10 kg weight
nevirapine (NVP)	tablet: 200 mg	R
6.4.2.3 Protease inhibitors		
lopinavir + ritonavir (LPV/r)	capsule: 133.3 mg + 33.3 mg	R
lopinavir + ritonavir (LPV/r)	oral liquid: 400 mg + 100 mg/5 ml	R
lopinavir + ritonavir (LPV/r)	tablet (heat stable): 100 mg + 25 mg	R
lopinavir + ritonavir	tablet (heat stable): 200 mg + 50 mg	R

(LPV/r)		
ritonavir	solid oral dosage form: 100 mg	R
6.4.2.4 Integrase inhibitors		
dolutegravir	tablet: 50 mg	R
FIXED DOSE COMBINATIONS		
dolutegravir + abacavir + lamivudine (DTG/ABC/3TC)	tablet: 50 mg + 600 mg + 300 mg	R
efavirenz + emtricitabine + tenofovir	tablet: 600 mg + 200 mg + 300 mg (disoproxil fumarate equivalent to 245 mg tenofovir disoproxil)	R
elvitegravir + cobicistat + emtricitabine + tenofovir alafenamide (E/c/F/TAF)	tablet: 150 mg + 150 mg + 200 mg + 10 mg	R
emtricitabine + tenofovir	tablet: 200 mg + 300 mg (disoproxil fumarate equivalent to 245 mg tenofovir disoproxil)	R
6.4.3. Other antivirals		
ribavirin	solid oral dosage form: 200 mg	R
entecavir	tablet: 0.5 mg	R
valganciclovir	tablet: 450 mg	R
Complementary List		
oseltamivir	capsule: 75 mg (as phosphate)	R
oseltamivir	oral powder: 12 mg/ml	R
6.4.4 Antihepatitis medicines		
6.4.4.1 Medicines for hepatitis B		
6.4.4.1.1 Nucleoside/Nucleotide reverse transcriptase inhibitors		
entecavir	tablet: 0.5 mg	R
entecavir	tablet: 1mg	R
tenofovir disoproxil fumarate (TDF)	tablet: 300 mg (tenofovir disoproxil fumarate – equivalent to 245 mg tenofovir disoproxil)	R
6.4.4.2 Medicines for hepatitis C		
6.4.4.2.1 Nucleotide polymerase inhibitors		
sofosbuvir	tablet: 400 mg	R
6.4.4.2.3 NS5A inhibitors		
daclatasvir	tablet: 60 mg (as hydrochloride)	R
6.4.4.2.4 Non-nucleoside polymerase inhibitors		
dasabuvir	tablet: 250 mg	R
FIXED DOSE COMBINATIONS		
Alternative combinations of DAAs from different pharmacological classes are possible		
ledipasvir + sofosbuvir	tablet: 90 mg + 400 mg	R
ombitasvir + paritaprevir + ritonavir	tablet: 12.5 mg + 75 mg + 50 mg	R
Complementary List		
pegylated interferon alpha (2a or 2b)	vial or prefilled syringe: 180 micrograms (peginterferon alfa-2a)	R
pegylated interferon alpha (2a or 2b)	vial or prefilled syringe: 80 micrograms (peginterferon alfa-2b)	R

pegylated interferon alpha (2a or 2b)	vial or prefilled syringe: 100 micrograms (peginterferon alfa-2b)	R
6.5 Antiprotozoal medicines		
6.5.1 Antiamoebic and anti giardiasis medicines		
metronidazole	injection: 500 mg in 100-ml vial	R
metronidazole	oral liquid: 200 mg (as benzoate)/5 ml	R U
metronidazole	vaginal Tablet: 500 mg	R U
metronidazole	tablet: 200 mg to 500 mg	R U
Clotrimoxazole	vaginal Tablet: 500 mg	NR U
6.5.2 Antileishmaniasis medicines		
amphotericin B	powder for injection: 50 mg in vial (as sodium deoxycholate or liposomal complex)	R
6.5.3 Antimalarial medicines		
6.5.3.1 For curative treatment		
artemether + lumefantrine	tablet: 20 mg + 120 mg	NR not recommended in the first trimester of pregnancy or in children below 5 kg
artesunate	injection: ampoules, containing 60 mg anhydrous artesunic acid with a separate ampoule of 5% sodium bicarbonate solution	NR
chloroquine	tablet 100 mg.	R
doxycycline	capsule: 100 mg (as hydrochloride or hyclate).	R
primaquine	tablet: 15 mg (as diphosphate)	NR
6.5.3.2 For prophylaxis		
atovaquone + proguanil	tablet: 250 mg + 100 mg (as hydrochloride)	NR
doxycycline	solid oral dosage form: 100 mg (as hydrochloride or hyclate)	R [a] More than 8 years
mefloquine	tablet: 250 mg (as hydrochloride)	NR
6.5.4 Anti-pneumocystosis and anti-toxoplasmosis medicines		
sulfamethoxazole + trimethoprim	oral liquid: 200 mg + 40 mg/5 ml	R
sulfamethoxazole + trimethoprim	tablet: 400 mg + 80 mg	R
sulfamethoxazole + trimethoprim	tablet: 800 mg + 160 mg	R

7. ANTIMIGRAINE MEDICINES		
7.1 For treatment of acute attack		
acetylsalicylic acid	tablet: 300 mg to 500 mg	R U
ibuprofen	tablet: 200 mg	R U
ibuprofen	tablet: 400 mg	R U
paracetamol	oral liquid: 125 mg/5 ml	R U
paracetamol	tablet: 300 mg to 500 mg	R U
7.2 For prophylaxis		
propranolol	tablet: 40 mg (hydrochloride)	R Y
8. ANTINEOPLASTIC AND IMMUNOSUPPRESSIVES		
8.1 Immunosuppressive medicines		
<i>Complementary List</i>		
azathioprine	tablet (scored): 50 mg	R
ciclosporin	capsule: 25 mg	R
ciclosporin	concentrate for injection: 50 mg/ml in 1-ml ampoule for organ transplantation	R
8.2 Cytotoxic medicines and adjuvant medicines		
<i>Complementary List</i>		
allopurinol	tablet: 100 mg	R
allopurinol	tablet: 300 mg	R Y
asparaginase	powder for injection: 10,000 IU in vial	R
bendamustine	injection: 100 mg	R
bleomycin	powder for injection: 15 mg (as sulfate) in vial	R
calcium folinate	injection: 3 mg/ml in 10-ml ampoule	R
calcium folinate	tablet: 15 mg	R
capecitabine	tablet: 500 mg	R
carboplatin	injection: 50 mg/5 ml	R
carboplatin	injection: 150 mg/15 ml	R
carboplatin	injection: 450 mg/45 ml	R
chlorambucil	tablet 2 mg	R
cisplatin	powder for injection: 50 mg/ 50 ml in vial	R
cyclophosphamide	Powder for injection: 500 mg in vial	R
cyclophosphamide	tablet: 50 mg	R
cytarabine	powder for injection: 100 mg in vial, 500 mg in vial	R
dacarbazine	powder for injection: 100 mg in vial	R
daunorubicin	powder for injection:20 mg	R
docetaxel	injectable: 20 mg	R
docetaxel	injectable: 80 mg	R
doxorubicin	powder for injection: 10 mg (as hydrochloride) in vial	R
doxorubicin	powder for injection: 50 mg (as hydrochloride) in vial	R
etoposide	capsule: 100 mg	R
etoposide	injection: 20 mg/ml in 5-ml ampoule	R
fludarabine	injectable: 50 mg	R
fluorouracil	injection: 250 mg/ml in 5-ml ampoule	R
gemcitabine	injectable: 200 mg	R
gemcitabine	injectable: 1 g	R

hydroxurea	tablet: 500 mg	R
hydroxycarbamide	solid oral dosage form: 500 mg	R
ifosfamide	injectable: 2 g	R
imatinib	tablet: 100 mg	R
imatinib	tablet: 400mg	R
irinotecan	injectable: 40 mg	R
irinotecan	injectable: 100 mg	R
melphalan	tablet: 2 mg	R
melphalan	tablet: 5 mg	R
mercaptopurine	tablet: 50 mg	R
mesna	injection: 600mg/3ml ampoules	R
mesna	tablet: 400 mg	R
mesna	tablet: 600 mg	R
methotrexate	powder for injection: 50 mg (as sodium salt) in vial	R
methotrexate	tablet: 2.5 mg (as sodium salt)	R
mitoxantrone	injection 2 mg/ml in 10-ml vial	R
oxaliplatin	injection: 50 mg/10 mL in 10mL vial	R
oxaliplatin	injection: 100 mg/20 mL in 20mL vial	R
oxaliplatin	injection: 200 mg/40 mL in 40mL vial	R
oxaliplatin	powder for injection: 50 mg in vial	R
oxaliplatin	powder for injection: 100 mg in vial	R
paclitaxel	injectable: 30 mg	R
paclitaxel	injectable: 100 mg	R
rituximab	injection: 100 mg/10 mL in 10mL vial	R
rituximab	injection: 500 mg/50 mL in 50mL vial	R
topotecan	injectable: 4 mg	R
trastuzumab	powder for injection: 440 mg in vial	R
trastuzumab	powder for injection: 150 mg in vial	R
vinorelbine	injectable: 50 mg	R
zoledronic acid	concentrate solution for infusion: 4 mg/5 mL in 5- mL vial	R

8.3 Hormones and antihormones

Complementary List

dexamethasone	injection: 4 mg/ml in 1-ml ampoule (as disodium phosphate salt)	R U
dexamethasone	oral liquid: 2 mg/5 ml	NR U
dexamethasone	tablet: 0.5 mg	R U
Hydrocortisone	powder for injection: 100 mg (as sodium succinate) in vial	R
methylprednisolone	injection: 40 mg/ml (as sodium succinate) in 5-ml multidose vials	R
methylprednisolone	injection: 40 mg/ml (as sodium succinate) in 1-ml single dose vial	R
methylprednisolone	injection: 80 mg/ml (as sodium succinate) in 1-ml single dose vial	R
flutamide	tablet: 250 mg	R
letrozole	tablet: 2.5 mg	R
prednisolone	oral liquid: 5 mg/ml	R
prednisolone	tablet: 5 mg	R U

prednisolone	tablet: 20 mg	R
tamoxifen	tablet: 10 mg (as citrate)	R
tamoxifen	tablet: 20 mg (as citrate)	R
8.4 Drugs used in palliative care		
interferon alpha	injectable 3 MUI	R
lenograstim	injectable 34 MUI/ml	R
octreotide	injectable: 0.1 mg/ml	R
pamidronate disodium	injectable: 30 mg	R
9. ANTIPARKINSONISM MEDICINES		
biperiden	tablet: 4 mg	R NMHP
levodopa + carbidopa	tablet: 250 mg + 25 mg	R Y
levodopa + carbidopa	tablet: 100 mg + 25 mg	R
trihexyphenidyl (benzhexol)	tablet: 5 mg	R Y

10. MEDICINES AFFECTING THE BLOOD		
10.1 Anti-anaemia medicines		
erythropoietine	injectable: 2000 UI	R
erythropoietine	injectable: 4000 UI	R
erythropoietine	injectable: 10000 UI	R
ferrous salt	oral liquid: equivalent to 25 mg iron (as sulfate)/ml	R U
ferrous salt	tablet: equivalent to 60 mg iron	NR U
ferrous salt + folic acid	tablet equivalent to 60 mg iron + 400 micrograms folic acid (nutritional supplement for use during pregnancy)	NR U
ferrous sulfate + folic acid	tablet equivalent to 200 mg iron + 250mg folic acid	NR U
folic acid	tablet: 1 mg	NR U
folic acid	tablet: 5 mg	R U
hydroxocobalamin	injection: 10 mg (as acetate, hydrochloride or as sulfate) in 1-ml ampoule	R
10.2 Medicines affecting coagulation		
acenocoumarol	tablet: 4 mg	R Y
enoxaparin	injection: ampoule or pre-filled syringe 20 mg/0.2 mL	R
enoxaparin	injection: ampoule or pre-filled syringe 40 mg/0.4ml	R
enoxaparin	injection: ampoule or pre-filled syringe 60 mg/0.6ml	R
enoxaparin	injection: ampoule or pre-filled syringe 80 mg/0.8ml	R
enoxaparin	injection: ampoule or pre-filled syringe 100 mg/1ml	R
heparin sodium	injection: 25,000 IU (acetate)/ml in 1-ml ampoule	R
nadroparine	injection: 0.3ml	R
nadroparine	injection: 0.4ml	R
nadroparine	injection: 0.6ml	R
nadroparine	injection: 0.8ml	R
phytomenadione	injection: 1 mg/ml	NR
phytomenadione	injection: 10 mg/ml	R
protamine sulfate	injection: 10 mg/ml in 5-ml ampoule	R
tranexamic acid	injection: 100 mg/ml	R
Complementary List		
desmopressin	injection: 4 micrograms/ mL (as acetate) in 1 mL ampoule	R
desmopressin	nasal spray: 10 micrograms (as acetate) per dose	R
10.3 Other medicines for haemoglobinopathies		
Complementary List		
deferoxamine	powder for injection: 500 mg (mesilate) in vial	R
hydroxycarbamide	solid oral dosage form: 500 mg	R

11. BLOOD PRODUCTS AND PLASMA SUBSTITUTES		
11.1 Plasma substitutes		
polygeline	injectable solution: 3.5%	R
11.2 Plasma fractions for specific use		
factor VIII concentrate	(dried)	R
factor IX complex concentrate (coagulation factors, II, VII, IX, X)	(dried)	R
albumin human normal	injectable solution: 25%	R
fibrinogen	(dried)	R
12. CARDIOVASCULAR MEDICINES		
12.1 Antianginal medicines		
bisoprolol	tablet: 5 mg	R Y
atenolol	tablet: 50 mg	R
atenolol	tablet: 100 mg	R
glyceryl trinitrate	paches: 10mg/24h	R
glyceryl trinitrate	paches: 5mg/24h	R
isosorbide dinitrate	tablet (sublingual): 5 mg	R Y
molsidomine	tablet 2 mg	R Y
molsidomine	tablet 4 mg	R Y
propranolol	tablet: 10 mg (hydrochloride)	R Y
propranolol	tablet: 40 mg (hydrochloride)	R Y
verapamil	tablet: 80 mg (hydrochloride)	R Y
12.2 Antiarrhythmic medicines		
atenolol	tablet: 50 mg	R Y
atenolol	tablet: 100 mg	R Y
digoxin	tablet: 250 micrograms	R Y
digoxin	oral solution 50 micrograms	R
digoxin	injection 250 micrograms/ml in 2-ml ampoule	R
epinephrine (adrenaline)	injection 1 mg (as hydrochloride) in 1-ml ampoule	R
lidocaine	injection: 20 mg (hydrochloride)/ml in 5-ml ampoule	R
propranolol	tablet: 10 mg (hydrochloride)	R Y
propranolol	tablet: 40 mg (hydrochloride)	R Y
verapamil	tablet: 80 mg (hydrochloride)	R Y
Complementary List		
amiodarone	injection: 50 mg/ml in 3-ml ampoule (hydrochloride)	R
amiodarone	tablet: 200 mg	R Y
12.3 Antihypertensive medicines		
amlodipine	tablet: 5 mg (as maleate: mesylate or besylate)	R Y
diltiazem	tablet: 60 mg	R Y
diltiazem	tablet: 180 mg	R
bisoprolol	tablet: 5 mg	R Y

enalapril	tablet: 5 mg (as hydrogen maleate)	R
atenolol	tablet: 50 mg	R Y
atenolol	tablet: 100 mg	R Y
ramipril	tablet: 5 mg	R Y
ramipril	tablet: 10 mg	R Y
hydrochlorothiazide	solid oral dosage form: 25 mg	R Y
valsartan	tablet: 80 mg	R Y
losartan	tablet: 50 mg	R
losartan	tablet: 100mg	R
methyldopa	tablet: 250 mg	R Y
12.4 Medicines used in heart failure		
bisoprolol	tablet: 5 mg	R Y
captopril	scored tablet: 25 mg	R Y
captopril	scored tablet: 50mg	R Y
digoxin	tablet: 250 micrograms	R Y
digoxin	oral solution 50 micrograms	R
digoxin	injection 250 micrograms/ml in 2-ml ampoule	R
enalapril	tablet: 5 mg (as hydrogen maleate)	R
furosemide	Injection: 10 mg/ml in 2-ml ampoule	R
furosemide	tablet: 40 mg	R Y
hydrochlorothiazide	solid oral dosage form: 25 mg	R
losartan	tablet: 50mg	R
losartan	tablet: 100mg	R
spironolactone	tablet: 25 mg	R Y
Complementary List		
dopamine	injection: 40 mg/ml (hydrochloride) in 5-ml vial	R
12.5 Antithrombotic medicines		
acetylsalicylic acid	tablet: 100 mg	R Y
clopidogrel	tablet: 75 mg	R Y
clopidogrel	tablet: 300 mg	R
calcium dobesilate	tablet 500 mg	R Y
Complementary List		
streptokinase	powder for injection: 100,000 IU in vial	R
streptokinase	powder for injection: 750,000 IU in vial	R
12.6 Lipid-lowering agents		
fenofibrate	tablet: 200 mg	R Y
simvastatin	tablet: 5 mg	R
simvastatin	tablet: 10 mg	R
simvastatin	tablet: 20 mg	R Y
simvastatin	tablet: 40 mg	R
rosuvastatin	tablet: 10 mg	R Y
rosuvastatin	tablet: 20 mg	R
gemfibrozil	tablet 600 mg	R

13. DERMATOLOGICAL MEDICINES (topical)		
13.1 Antifungal medicines		
miconazole	ointment or cream: 2% (nitrate)	R U
miconazole	vaginal tablet: (nitrate) - 400mg	R
miconazole	oral Gel: (nitrate) - 200mg/5ml	R U
terbinafine	cream: 1% or Ointment: 1% terbinafine hydrochloride	R U
13.2 Anti-infective medicines		
mupirocin	cream (as mupirocin calcium): 2%	R
mupirocin	ointment: 2%	R
fusidic acid	ointment or cream: 1%	R
neomycin sulfate, bacitracin zinc	ointment	R U
silver sulfadiazine	cream: 1% in 500-g container	R U [a] More than 1 month
13.3 Anti-inflammatory and antipruritic medicines		
betamethasone	ointment or cream: 0.1% (as valerate)	R U [a] Hydrocortisone preferred in neonates
hydrocortisone	ointment or cream: 1% (acetate)	R U
ketoprofen	ointment: 2.5g/100g	R U
13.4 Medicines affecting skin differentiation and proliferation		
benzoyl peroxide	cream or lotion: 5%	R
fluorouracil	ointment: 5%	R
isotretinoine	tablet: 10 mg	R
isotretinoine	tablet: 20 mg	R
zinc oxide	cream : 10% in 30-g container	NR U
zinc oxide	cream : 10% in 500g container	NR U
glycerin -(Glyssogel)	gel: 80g	R U
13.5 Scabicides and pediculicides		
benzyl benzoate	lotion: 25%	R U [a] More than 2 years
permethrin	lotion 1%	NR U
14. DIAGNOSTIC AGENTS		
14.1 Ophthalmic medicines		
tropicamide	eye drops: 1%	R
14.2 Radiocontrast media		
iohexol	injection 140 -350 mg iodine/ml in 5-ml ampoule	NR
iohexol	injection 140 -350 mg iodine/ml in 10-ml ampoule	R
iohexol	injection 140 -350 mg iodine/ml in 20-ml ampoule	R

15. DISINFECTANTS AND ANTISEPTICS		
15.1 Antiseptics		
polyvidone iodine	solution: 10% and scrub	R U
15.2 Disinfectants		
Iodine 2.5%		
Iodine 2.5%	solution 30ml	U
16. DIURETICS AND ANTIDIURETICS		
furosemide	injection: 10 mg/ml in 2-ml ampoule	R
furosemide	tablet: 40 mg	R Y
hydrochlorothiazide	tablet: 25 mg	R
mannitol	injectable solution: 10%	R
mannitol	injectable solution: 20%	R
spironolactone	tablet: 25 mg	R Y
indapamide	tablet: 1.25 mg (Prolonged release)	NR Y
hydrochlorothiazide , amiloride HCl	tablet: 50mg+ 5mg	R Y
17. GASTROINTESTINAL MEDICINES		
17.1 Antiulcer medicines		
omeprazole	powder for oral liquid: 20 mg	R
omeprazole	solid oral dosage form: 10 mg	R
omeprazole	solid oral dosage form: 20 mg	R Y
omeprazole	solid oral dosage form: 40 mg	R
omeprazole	powder for injection: 40 mg in vial	R
ranitidine	injection: 25 mg/ml (as hydrochloride) in 2-ml ampoule	R
ranitidine	oral liquid: 25mg/5ml (as hydrochloride)	R
ranitidine	oral liquid: 10mg/ml (as hydrochloride)	R
ranitidine	tablet: 150 mg (as hydrochloride)	R Y
aluminium hydroxide, magnesium hydroxide	oral liquid: 200mg/5ml+100mg/5ml	NR U
aluminium hydroxide	tablet: 500mg	NR U
17.2 Antiemetic medicines		
dexamethasone	oral liquid: 0.5 mg/5 ml	R
dexamethasone	oral liquid: 2 mg/5 ml.	NR U
metoclopramide	tablet: 10 mg (hydrochloride)	R [a] Not in neonates
metoclopramide	injection: 5 mg (Injection: 5 mg (hydrochloride)/ml in 2-ml ampoule	R [a] Not in neonates
metoclopramide	oral liquid: 5 mg/5 ml	R [a] Not in neonates
ondansetron	injection: 2-mg base/ml in 2-ml ampoule (as hydrochloride)	R [a] More than 2 months
ondansetron	solid oral dosage form: Eq 4 mg base; Eq 8 mg base	R [a] More than 1 month
promethazine	tablet: 25 mg (hydrochloride)	R U
promethazine	elixir or syrup: 5 mg (hydrochloride)/5 ml	R U
promethazine	injection: 25 mg (hydrochloride)/ml in 2-ml ampoule	R U

17.3 Anti-inflammatory medicines		
sulfasalazine	tablet: 500 mg	NR
Complementary List		
atropine	injection: 1 mg (sulfate) in 1-ml ampoule	R U
hyoscine N-butyl bromide (Scopolamine)	tablet: 10 mg	R U
hyoscine N-butyl bromide (Scopolamine)	injection: 20 mg	R U
oxybutine	tablet: 5 mg	R
17.4 Laxatives		
lactulose	Liquid	R U
senna	tablet: 7.5 mg	NR U
glycerin	suppository	R U
17.5 Medicines used in diarrhea		
17.5.1 Oral rehydration		
oral rehydration salts	Powder for dilution in 200 ml; 500 ml; 1 L.; glucose: 75 mEq; sodium: 75 mEq or mmol/L; chloride: 65 mEq or mmol/L; potassium: 20 mEq or mmol/L; citrate: 10 mmol/L; osmolarity: 245 mOsm/L; glucose: 13.5 g/L; sodium chloride: 2.6 g/L; potassium chloride	NR U
17.5.2 Medicines for diarrhoea		
zinc sulfate	tablet: 20mg	NR U

18. HORMONES, OTHER ENDOCRINE MEDICINES AND CONTRACEPTIVES		
18.1 Adrenal hormones and synthetic substitutes		
dexamethasone	tablet: 500 micrograms	R U
dexamethasone	injection 4 mg dexamethasone phosphate (as disodium salt) in 1-ml ampoule	R U
hydrocortisone	tablet: powder for injection: 100 mg (as sodium succinate) in vial	R
18.3 Contraceptives		
18.3.1 Oral Hormonal contraceptives		
ethinylestradiol + levonorgestrel	tablet: 30 micrograms + 150 micrograms	R U
levonorgestrel	tablets: 30 micrograms	NR U
levonorgestrel	tablets: 750 micrograms	NR U
ulipristal	tablet: 30 mg (as acetate)	R
18.3.2 Injectable Hormonal contraceptives		
medroxyprogesterone acetate	depot injection: 150 mg/ml in 1-ml vial	R U
18.3.3 Intrauterine devices		
copper-containing device		NR U
18.3.4 Barrier methods		
condoms with or without spermicide (nonoxinol)		NR U
tamsulosin	tablet: 0.4 mg	R Y
18.3.5 Implantable contraceptives		
etonogestrel-releasing subdermal implant	implant: 68 mg	R
levonorgestrel-releasing intrauterine implant	implant: 20 mcg/24h	R
18.4 Estrogens		
18.5 Insulins and other medicines used for diabetes		
gliclazide	oral solid dosage form (controlled release tablets): 30 mg	R Y
gliclazide	oral solid dosage form (controlled release tablets): 60 mg	R
gliclazide	oral solid dosage form (controlled release tablets): 80 mg	R
glimepiride	tablet: 2mg	R
glimepiride	tablet: 3mg	R
glimepiride	tablet: 4mg	R Y
insulin (soluble)	injection: 100 IU/ml in 10-ml vial	R
insulin 30/70	injection: 100 IU/ml in 10 ml vial	R U
intermediate-acting insulin	injection: 100 IU/ml in 10 ml vial (as compound insulin zinc suspension or isophane insulin)	R U
long-acting insulin	injection: 100 IU/ml in 10 ml vial (as compound insulin zinc suspension or isophane insulin)	R
rapid-acting insulin	injection: 100 IU/ml in 10 ml vial	R U

metformin	tablet: 500 mg (hydrochloride)	R
metformin	tablet: 850 mg	R Y
metformin	tablet: 1 g	R
18.6 Ovulation inducers		
<i>Complementary List</i>		
clomifene	tablet: 50 mg (citrate)	R
18.7 Progestogens		
medroxyprogesterone acetate	tablet: 5 mg	R U
dydrogesterone	tablet: 10 mg	R U
18.8 Thyroid hormones and antithyroid medicines		
levothyroxine	tablet: 25 micrograms (sodium salt)	R Y
levothyroxine	tablet: 50 micrograms (sodium salt)	R
levothyroxine	tablet: 100 micrograms (sodium salt)	R Y
19. IMMUNOLOGICALS		
19.1 Diagnostic agents		
tuberculin, purified protein derivative (PPD)	Injection	NR
19.2 Sera and immunoglobulins		
anti-rhesus D immunoglobulin (human)	injection: 300 micrograms in single-dose vial	R
antirabies immunoglobulin (human)	Injection: 150 IU/ml in vial	R
antitetanus immunoglobulin (human)	injection: 250 IU in vial	R
19.3 Vaccines		
influenza		R
BCG	Injection	R
hepatitis B		R
measles	Injection	R
poliomyelitis	Injection	R
tetanus		R
hemophilus influenzae b		R
meningitis	Injection	R
rabies	Injection	R
rubella	Injection	R
typhoid	Injection	R
pneumococcal		R
varicella		R
hepatitis A	Injection	R
polio		R
mumps		R

20. MUSCLE RELAXANTS (PERIPHERALLY ACTING) AND CHOLINESTERASE INHIBITORS		
atracurium	Injection: 10 mg/ml (besylate)	R
neostigmine	injection: 500 micrograms in 1-ml ampoule	R
neostigmine	injection: 2.5 mg (metilsulfate) in 5-ml ampoule	R
vecuronium	powder for injection: 10 mg (bromide) in vial	R
Complementary List		
pyridostigmine	tablet: 60 mg (bromide)	R
21. OPHTHALMOLOGICAL PREPARATIONS		
21.1 Anti-infective agents		
aciclovir	ointment: 3% W/W	R
azithromycin	solution (eye drops): 1.5%	R
gentamicin	solution (eye drops): 0.3% (sulfate)	R U
gentamicin	ointment: 0.3%	NR U
ofloxacin	eye drops: 0.3%	R
tetracycline	eye ointment: 1% (hydrochloride)	R U
21.2 Anti-inflammatory agents		
prednisolone	eye drops: 0.12% (acetate)	R
21.3 Local anaesthetics		
21.4 Miotics and antiglaucoma medicines		
acetazolamide	tablet: 250 mg	R Y
mannitol	intravenous infusion: 20%	R
latanoprost	solution (eye drops): latanoprost 50 micrograms/ml	R
timolol (maleate), dorzolamide HCl	solution (eye drops): 5mg/ml+ 20mg/ml	R Y
21.5 Mydriatics		
Atropine	solution (eye drops): 1% (sulfate)	R [a] More than 3 months
Complementary List		
21.6 Anti-vascular endothelial growth factor (VEGF)		
Complementary List		
bevacizumab	injection: 25 mg/ml	R
22. OXYTOCICS AND ANTIOXYTOCICS		
22.1 Oxytocics		
misoprostol	tablet: 200 micrograms	R
oxytocin	injection: 10 IU in 1-ml ampoule	R U
methylethergometrine maleate	tablet: 0.125mg	NR U
methylethergometrine maleate	injection: 0.2mg/ml	R U
22.2 Antioxytocics (tocolytics)		
magnesium sulfate	injection: 10% in 10-ml vial	R
magnesium sulfate	injection: 15% in 10-ml vial	R
nifedipine	immediate-release capsule: 10 mg	R
salbutamol	tablet: 2 mg (as sulfate)	R U
salbutamol	injection: 50 micrograms (as sulfate)/ml in 5-ml ampoule	NR

23. PERITONEAL DIALYSIS SOLUTION		
electrolyte solution		R
24. MEDICINES FOR MENTAL AND BEHAVIOURAL DISORDERS		
24.1 Medicines used in psychotic disorders		
chlorpromazine	tablet: 100 mg (hydrochloride)	R Y
chlorpromazine	injection: 25 mg (hydrochloride)/ml in 5-ml ampoule	R
haloperidol	tablet: 5 mg	R Y
haloperidol	tablet: 2 mg	R
haloperidol	injection: 5 mg in 1-ml ampoule	R
risperidone	solid oral dosage form: 1mg to 4 mg	R
risperidone	syrup: 1mg/ml	R NMHP
zuclopenthixol decanoate	injection: 200 mg/ml	R NMHP
Complementary List		
clozapine	tablet: 25 mg	R
clozapine	tablet: 100 mg	R
24.2 Medicines used in mood disorders		
24.2.1 Medicines used in depressive disorders		
amitriptyline	tablet: 25 mg	R Y
fluoxetine	solid oral dosage form: 20 mg (as hydrochloride)	R Y [a] More than 8 years
Sertraline	tablet: 50 mg	R Y
imipramin	tablet: 10 mg (hydrochloride)	R
imipramin	tablet: 25mg (hydrochloride)	R U
24.2.2 Medicines used in bipolar disorders		
carbamazepine	scored tablet: 200 mg	R Y
carbamazepine	scored tablet: 400 mg	R Y
carbamazepine	scored tablet: 600 mg	R
lithium carbonate	capsule or tablet: 400 mg	R
valproic acid	enteric coated tablet: 200 mg (sodium salt)	R
valproic acid	enteric coated tablet: 500 mg (sodium salt)	R Y
24.3 Medicines used in generalized anxiety and sleep disorders		
clonazepam	tablet: 2mg	R NMHP
diazepam	scored tablet: 5 mg	R
24.4 Medicines used for obsessive compulsive disorders		
clomipramine	capsules: 10 mg; (hydrochloride)	R
clomipramine	capsules: 25 mg (hydrochloride)	R
clomipramine	capsules: 75 mg (hydrochloride)	R NMHP
25. MEDICINES ACTING ON THE RESPIRATORY TRACT		
25.1 Antiasthmatic and medicines for chronic obstructive pulmonary disease		
beclometasone	inhalation (aerosol): 50 micrograms (dipropionate) per dose	R U Y
beclometasone	inhalation (aerosol): 250 micrograms (dipropionate) per dose (as CFC free forms)	R Y
budesonide	inhalation (aerosol): 100 micrograms per dose	R
budesonide	inhalation (aerosol): 200 micrograms per dose	R
budesonide + formoterol	dry powder inhaler: 200 micrograms + 6 micrograms per dose	R

epinephrine (adrenaline)	injection: 1 mg (as hydrochloride or hydrogen tartrate) in 1-ml ampoule	R U
ipratropium bromide	inhalation: 20 micrograms/metered dose	R Y
montelukast	tablet: 4 mg	R
montelukast	tablet: 5 mg	R Y
montelukast	tablet: 10 mg	R Y
salbutamol	inhalation (aerosol): 100 micrograms (as sulfate) per dose	R U Y
salbutamol	injection: 50 mg (as sulfate)/ml in 5-ml ampoule	R
salbutamol	metered dose inhaler (aerosol): 100 micrograms (as sulfate) per dose	R Y
salbutamol	oral solution: 2mg/5ml	R U
salbutamol	respirator solution for use in nebulizers: 5 mg; (as sulfate)/ml	R
aminophylline	tablet:100 mg	R U
aminophylline	injection:25mg/ml in ampoule 10ml	R U
dextromethorphan	oral solution: 7.5 mg (bromide)/5 ml	R U
sodium chloride	nasal drops: 0.9% isotonic solution	R
26. SOLUTIONS CORRECTING WATER, ELECTROLYTE AND ACID-BASE DISTURBANCES		
26.1 Oral		
oral rehydration salts (for glucose-electrolyte solution)	powder for dilution in 200 ml; 500 ml; 1 L.; glucose: 75 mEq; sodium: 75 mEq or mmol/L; chloride: 65 mEq or mmol/L; potassium: 20 mEq or mmol/L; citrate: 10 mmol/L; osmolarity: 245 mOsm/L; glucose: 13.5 g/L; sodium chloride: 2.6 g/L; potassium chloride	NR U
potassium chloride	powder for solution	R
26.2 Parenteral		
glucose	injectable solution: 5% isotonic	R
glucose	injectable solution: 10% isotonic	R
glucose	injectable solution: 50% hypertonic	R
glucose with sodium chloride	injectable solution: 4% glucose: 0.18% sodium chloride (equivalent to Na ⁺ 30 mmol/l: Cl ⁻ 30 mmol/l)	R
potassium chloride	solution: 11.2% in 20-ml ampoule (equivalent to; K ⁺ 1.5 mmol/ml, Cl ⁻ 1.5 mmol/ml).; Solution for dilution: 7.5% (equivalent to K 1 mmol/ml and; Cl 1 mmol/ml) ; 15% (equivalent to K 2 mmol/ml and; Cl 2 mmol/ml)	R
sodium chloride	injectable solution: 0.9% isotonic (equivalent to Na ⁺ 154 mmol/l: Cl ⁻ 154 mmol/l)	R
sodium lactate, compound solution	injectable solution	R
26.3 Miscellaneous		
water for injection	5-ml, ampoules	R U
water for injection	10-ml ampoules	R

27. VITAMINS AND MINERALS		
ascorbic acid	tablet: 250 mg	NR U
calcium	tablet: 500 mg (elemental)	R
calcium	tablet: 1 g	NR U
calcium	tablet: 300 mg (lactate)	NR U
ergocalciferol	oral drops: 2MIU/100ml	R U
multivitamin + minerals	capsule or tablet	R U
pyridoxine	tablet: 25 mg (hydrochloride)	NR U
calcium -Vitamin D	tablet	R Y
Complementary List		
calcium gluconate	injection: 100 mg/ml in 10-ml ampoule	R
28. EAR, NOSE AND THROAT MEDICINES IN CHILDREN		
budesonide	nasal spray: 100 micrograms per dose	R
ciprofloxacin	topical: 0.3% drops (as hydrochloride)	R
xylometazoline	nasal spray: 0.05%	R [a] Not in children less than 3 months
29. SPECIFIC MEDICINES FOR NEONATAL CARE		
29.1 Medicines administered to the neonate		
Complementary List		
surfactant	suspension for intratracheal instillation: 25 mg/ml	R
surfactant	suspension for intratracheal instillation: 80 mg/ml	NR
29.2 Medicines administered to the mother		
dexamethasone	injection: 4 mg/ml dexamethasone phosphate; (as disodium salt)	R U
30. MEDICINES FOR DISEASES OF JOINTS		
30.1 Medicines used to treat gout		
allopurinol	tablet: 100 mg	R
allopurinol	tablet: 300 mg	R Y
30.2 Disease modifying agents used in rheumatoid disorders (DMARDs)		
chloroquine	tablet: a 100 mg (as phosphate or sulfate)	R
Complementary List		
azathioprine	tablet: 50 mg	R
hydroxychloroquine	solid oral dosage form: 200 mg (as sulfate)	R
methotrexate	tablet: 2.5 mg (as sodium salt)	R
penicillamine	solid oral dosage form: 250 mg	R
sulfasalazine	tablet: 500 mg	R
30.3 Juvenile joint diseases		
Complementary List		
acetylsalicylic acid; (acute or chronic use)	tablet: 100 mg to 500 mg	R U

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