



Department of Health
Pharmaceutical Division



Philippine National Formulary



8th Edition

2017

ESSENTIAL MEDICINES LIST



Philippine National Formulary

Essential Medicines List (as of February 22, 2019)

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PHILIPPINE NATIONAL FORMULARY
ESSENTIAL MEDICINES LIST
8th Edition
2017

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PHILIPPINE NATIONAL FORMULARY
ESSENTIAL MEDICINES LIST
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MESSAGE

The revitalization of the Fourmula One Plus for Health as the framework of the healthcare reform agenda of the national government is anchored on the values of equitable and inclusive health system, transparent and accountable provision of quality health services, and efficient use of resources. The 8th edition of the Philippine National Formulary (PNF) Essential Medicines List (EML) is a tool to exercise these values while contributing to the achievement of the objectives of financial protection and better health outcomes.

As an essential medicines list, its previous editions have been the basis of tailored procurement of medicines in public health facilities while providing efficient use of limited resources. It is also the basis of the Philippine Health Insurance Corporation (PhilHealth) in reimbursing claims to end-users for medicines use.

With its new format and content, the PNF EML 8th edition can now maximize the PNF's contribution to the rational use of medicines. Its abridged content is intended to provide concise evidence-based drug information which is vital in medical practice.

The latest PNF EML is a useful tool to ensure rational prescribing, dispensing and administration of medicines. I would like to encourage our health professionals to fully utilize it in their medicines procurement as well as in their day-to-day clinical decision-making.

Let us continue to work for our shared vision of all for health towards health for all!

Mabuhay!



FRANCISCO T. DUQUE III, MD, MSc
Secretary of Health

Republic of the Philippines
Department of Health
OFFICE OF THE SECRETARY

21 July 2016

DEPARTMENT MEMORANDUM

No.2016- 0298

FOR: ALL DIRECTORS OF BUREAUS AND REGIONAL OFFICES, SECRETARY OF HEALTH DOH-ARMM; CHIEFS OF MEDICAL CENTERS, HOSPITALS AND SANITARIA; AND OTHERS CONCERNED

SUBJECT: Further clarification and guidance on the bidding specifications of solid oral dosage forms (tablets) in the Philippine National Formulary (PNF)

This is to inform everyone that, as per clarification and recommendation of the Food and Drug Administration (FDA), the bidding of TABLET shall be open to both uncoated and coated (film- and sugar-coated) tablets, unless otherwise specified in the PNF.

On the other hand, for the bidding of the following solid oral dosage forms, the specific type of tablet should be clearly reflected in the purchase request:

1. film-coated tablets;
2. soluble tablets;
3. dispersible tablets;
4. effervescent tablets;
5. chewable tablets;
6. tablets for use in the mouth (including orally disintegrating, sublingual and buccal tablets); and
7. modified-release tablets (including delayed-release tablets gastro-resistant/enteric-coated tablets) and sustained-release tablets (extended-/prolonged-release tablets)).

For urgent and strict implementation.


PAULYN JEAN B. ROSELL-UBIAL, MD, MPH, CESO II
Secretary of Health

ABBREVIATIONS AND SYSTEM OF MEASUREMENTS

•	-	Medicinal plant product registered with BFAD
+	-	Use with extreme caution in doses exceeding 30 mg per day; contraindicated in acute coronary events
(1)	-	Specific expertise, diagnostic precision, or special equipment required for proper use
(2)	-	Limited indications or narrow spectrum of activity
(A1)	-	Dangerous Drug Preparations to be prescribed and dispensed through the DOH Official Prescription Form (Yellow Rx) . Only one (1) dangerous drug preparation shall be prescribed in one single prescription form. Partial filling allowed. STRICTLY NO REFILL.
⊗	-	To be prescribed using Personalized Prescription issued by the prescribing physician with the S2 license # indicated therein. Only one (1) drug preparation shall be prescribed in one single prescription form. Partial filling allowed. STRICTLY NO REFILL.
(A2)	-	Drug Preparations Containing Controlled Chemicals to be dispensed and prescribed through a Personalized Prescription issued by a prescribing physician with the S2 license # , among others, indicated therein. Only one (1) drug preparation shall be prescribed in one single prescription form. Partial filling allowed. STRICTLY NO REFILL.
B	-	List B medicines requiring <i>in vivo</i> bioequivalence studies
DPI	-	Dry Powder Inhaler
equiv.	-	equivalent
EU	-	ELISA Unit
g	-	Gram
(ID)	-	Intradermal Injection
(IM)	-	Intramuscular Injection
Inj.	-	Injection
IU	-	International Unit/s
(IV)	-	Intravenous Injection
L	-	Liter
mcg	-	Microgram
mCi	-	Millicurie

MDI	-	Metered Dose Inhaler
mEq	-	Milliequivalent
mg	-	Milligram
mL	-	Milliliter
MR	-	Modified Release (includes Controlled Release (CR), Extended Release (ER) Sustained Release (SR), Long Acting (LA), etc.)
NSAID	-	Non-Steroidal Anti-Inflammatory Drug
pen. G	-	Penicillin G
PFU	-	Plaque Forming Unit
RE	-	Retinol Equivalent
Resp. Soln.	-	Respiratory Solution
S2	-	License required for prescription of Dangerous Drugs Preparations and Controlled Chemicals by the Physicians / Dentists / Veterinarians
(SC)	-	Subcutaneous Injection
Soln.	-	Solution

MEASUREMENTS:

1 grain = 60 mg

½ grain = 30 mg

Quantities of 1 gram or more should be written as 1 g, etc.

Quantities of less than 1 gram should be written in milligrams, e.g., 500 mg,
not 0.5 g.

Quantities less than 1 milligram should be written in microgram/s, e.g., 100
microgram/s not 0.1 mg.

When decimals are unavoidable, a zero should be written before the decimal
point where there is no figure, e.g., 0.5 mL, not .5 mL.

The term milliliter (mL) should be used and not cubic centimeters or cc or
m³.

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
A	
Abacavir	Oral: 300mg tablet (as sulfate)
Acetated Ringer's Solution	Inj.: 500 mL and 1 L bottle/bag (IV infusion) Composition: Na ⁺ – 130 mmol/L K ⁺ – 4 mmol/L Ca ⁺⁺ – 3 mmol/L Cl ⁻ – 109 mmol/L Acetate – 28 mmol/L
Acetazolamide (B)	Oral: 250 mg tablet
Acetylcysteine	Oral: 600 mg effervescent tablet 100 mg and 200 mg sachet 100 mg/5 mL granules for suspension, 150 mL Inj.: 200 mg/mL, 10 mL ampul (IV infusion) (1, 2) 200 mg/mL, 25 mL bottle (IV infusion) Inhalation: 100 mg/mL, 3 mL ampule solution for inhalation
Aciclovir	Oral: 200 mg, 400 mg and 800 mg tablet 200 mg/5 mL suspension, 60 mL and 120 mL Inj.: 25 mg/mL, 10 mL vial (IV infusion) Eye Ointment: 3%, 4.5 g tube
Activated Charcoal	Oral: powder, USP grade given as slurry
Adenosine (1, 2)	Inj.: 3 mg/mL, 2 mL vial (IV)
Adrenaline (see Epinephrine)	
Albendazole	Oral: 400 mg chewable tablet (B) 200 mg/5 mL suspension, 10 mL and 60 mL
Albumin, Human (1, 2)	Inj.: 20%, 50 mL and 100 mL bottle (IV, IV infusion) 25%, 50 mL and 100 mL bottle (IV, IV infusion) 25%, 50 mL plastic bag (IV, IV infusion)
Alcohol, Ethyl (1, 2)	Oral: 95%, USP grade Inj.: absolute, 1 mL ampul (IV) Solution: 70% topical solution
Alendronate (as sodium salt)	Oral: 10 mg and 70 mg tablet
Alendronate + Cholecalciferol (vitamin D3)	Oral: 70 mg (as sodium salt) + 5600 IU tablet
Alfuzosin (as hydrochloride)	Oral: 10 mg tablet
All-in-one Admixtures	Solution: Volume: 400 – 2500 mL Concentration: Variable Protein: 3-6 g/100 mL

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Carbohydrate: 6-15 g/100 mL Lipid: 2-5 g/ 100mL Calories: variable Electrolytes: variable
Allopurinol	Oral: 100 mg and 300 mg tablet
Alprazolam (A1)	Oral: 250 microgram, 500 microgram and 1 mg tablet
Aluminum Hydroxide	Oral: 600 mg/5 mL gel, 240 mL (for use of not more than 15 days)
Aluminum Hydroxide + Magnesium Hydroxide	Oral: 225 mg aluminum hydroxide + 200 mg magnesium hydroxide per 5 mL suspension, 60 mL and 120 mL 200 mg aluminum hydroxide + 100 mg magnesium hydroxide tablet
Amikacin (as sulfate)	Inj.: 50 mg/mL, 100 mg/mL, 125 mg/mL and 250 mg/mL, 2 mL ampul/vial (IM, IV) 100 mg, 250 mg, 500 mg and 1 g vial (IM, IV)
Amino Acid + carbohydrate + multivitamins + electrolytes	Inj.: solution for IV injection/infusion set, 1000 mL
Amino Acid + glucose + electrolytes + vitamin B1	Inj.: solution for peripheral venous infusion 500 mL and 1000 mL
Amino Acid Solutions for Immunonutrition / Immunoenhancement	Solution: Volume - 50 mL and 100 mL Protein - 20 g; L-alanyl-L- glutamine Calories - 70 - 90 Electrolytes - none
Amino Acid Solutions for Infants	Solution: Volume - 100 mL Concentration - 5 - 10 % Protein - 20 - 50 g including taurine Calories - 80 - 150 Electrolytes - none
Amino Acid Solutions for Renal Condition	Solution: Volume - 250 - 500 mL Concentration - 3.5 - 7 % Protein - 17.5 - 35 g rich in essential amino acid Calories - 50 - 200 Kcal
Amino Acid Solutions for Hepatic Failure	Solution: Volume - 500 mL Concentration - 5 - 10 % Protein - 35-50 g; rich in branched-chain amino acids Calories - 50 - 200 Electrolytes - variable
Amino Acids, Crystalline Standard	Inj.: 3.5%, 500 mL bottle (IV infusion) 5%, 100 mL, 250 mL and 500 mL bottle (IV infusion) 6%, 100 mL and 250 mL bottle (IV infusion)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	7%, 8.5%, 10%, and 11.4%, 100 mL, 500 mL and 1 L bottle (IV infusion) 8%, 500 mL bottle (IV infusion) (as branched chain) 9.12%, 20 mL ampul and 200 mL bottle (IV infusion) 10%, 100 mL and 500 mL bottle (IV infusion)
Aminophylline (theophylline ethylenediamine) (1)	Inj.: 25 mg/mL, 10 mL ampul (IV)
Amiodarone (as hydrochloride) (2)	Oral: 200 mg tablet Inj.: 50 mg/mL, 3 mL ampul (IV) (2)
Amlodipine (as besilate/camsylate)	Oral: 5 mg and 10 mg tablet
Amoxicillin (as trihydrate)	Oral: 250 mg and 500 mg capsule 100 mg/mL granules/powder for drops (suspension), 15 mL 250 mg/5 mL granules/powder for suspension, 60 mL
Amoxicillin + Potassium Clavulanate (see Co-Amoxiclav)	
Amphotericin B (Lipid Complex) (as cholesteryl complex, colloidal dispersion) (1) *Restricted Antimicrobial	Inj.: 50 mg and 100 mg vial (IV infusion)
Amphotericin B (Non-Lipid Complex) (1) *Restricted Antimicrobial	Inj.: 50 mg lyophilized powder, vial (IV infusion)
Ampicillin (as sodium salt)	Inj.: 250 mg, 500 mg and 1 g vial (IM, IV)
Ampicillin + Sulbactam	Inj.: 500 mg ampicillin + 250 mg sulbactam (IM, IV) (as sodium salt) per vial 1000 mg ampicillin + 500 mg sulbactam (IM, IV) (as sodium salt) per vial 2000 mg ampicillin + 1000 mg sulbactam (IM, IV) (as sodium salt) per vial
Anti-D Immunoglobulin (human anti-D immunoglobulin)	Inj.: 200 micrograms/mL, 1.5 mL ampul (IM)
Antilymphocyte Immunoglobulin (ALG) (equine) (1, 2)	Inj.: 100 mg/5 mL vial (IV)
Antithymocyte Immunoglobulin (ATG) (rabbit) (1, 2)	Inj.: 25 mg/5 mL vial (IV)
Anti-rabies serum (equine)	Inj.: 200 IU/mL, 5 mL vial (IM) 400 IU/mL, 5 mL vial (IM)
Anti-tetanus serum (equine)	Inj.: 4000 IU/mL, 2.5 mL vial (IM) 1500 IU/0.7 mL solution for injection, vial/ampul

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	(IM) 1500 IU/mL, 1 mL and 1.5 mL vial/ampul (IM)
Aripiprazole	Oral: 10 mg, 15 mg, 20 mg and 30 mg tablet 10 mg and 15 mg orally disintegrating tablet (ODT)
Artemether + Lumefantrin (B)	Oral: 20 mg artemether + 120 mg lumefantrin tablet
Artesunate	Inj: 60 mg vial injectable Rectal: 50 mg suppository
Ascorbic Acid (vitamin C)	Oral: 100 mg and 500 mg tablet 100 mg/5 mL syrup, 60 mL and 120 mL 100 mg/mL drops, 15 mL and 30 mL Inj.: 250 mg/mL, 2 mL ampul (IV) (1, 2)
Asparaginase (1, 2)	Inj.: lyophilized powder, 10,000 IU vial (IV)
Aspirin	Oral: 80 mg, 100 mg tablet, 300 mg tablet and 325 mg tablet
Atenolol	Oral: 50 mg and 100 mg tablet
Atorvastatin calcium	Oral: 10 mg, 20 mg, 40 mg and 80 mg tablet
Atracurium (as besilate)	Inj.: 10 mg/mL, 2.5 mL and 5 mL ampul (IV)
Atropine (as sulfate) (1, 2)	Oral: 600 micrograms (equiv. to 500 mcg atropine) tablet Inj.: 500 micrograms/mL, 600 micrograms/mL and 1 mg/mL, 1 mL ampul (IM, IV, SC) Eye Drops Solution: 1%, 5 mL and 10 mL bottle
Azathioprine (1, 2) (B)	Oral: 50 mg tablet
Azithromycin	Oral: 250 mg capsule (as base*/as dihydrate) 250 mg and 500 mg (B) tablet (as base*/as dihydrate/as monohydrate) 200 mg/5 mL powder for suspension, 15 mL and 60 mL (as base*/as dihydrate/as monohydrate) Inj.: 500 mg powder, vial (IV infusion) (as base*/as dihydrate)
Aztreonam <i>* Restricted Antimicrobial</i>	Inj.: 1 g powder for injection
B	
Bacitracin + Neomycin + Polymixin B	Ointment: 200 units bacitracin + 3 mg neomycin (as sulfate) + 4000 units polymyxin B (as sulfate)/g, 10 g tube
Baclofen	Oral: 10 mg tablet
Balanced Multiple Maintenance Solution	Inj.: with 5% dextrose, 250 mL and 500 mL (infants) and 1 L (children and adults) bottle/bag (IV infusion)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths																					
	Composition: <table border="1" data-bbox="432 284 1042 485"> <thead> <tr> <th></th> <th>Infants</th> <th>Children & Adults</th> </tr> </thead> <tbody> <tr> <td>Dextrose</td> <td>50 g/L</td> <td>50 g/L</td> </tr> <tr> <td>Na⁺</td> <td>25-30 mmol/L</td> <td>40-50 mmol/L</td> </tr> <tr> <td>K⁺</td> <td>20-25 mmol/L</td> <td>13-30 mmol/L</td> </tr> <tr> <td>Mg⁺⁺</td> <td>1.35-1.65 mmol/L</td> <td>1.65 mmol/L</td> </tr> <tr> <td>Cl⁻</td> <td>22 mmol/L</td> <td>40 mmol/L</td> </tr> <tr> <td>Acetate</td> <td>23 mmol/L</td> <td>16 mmol/L</td> </tr> </tbody> </table>		Infants	Children & Adults	Dextrose	50 g/L	50 g/L	Na ⁺	25-30 mmol/L	40-50 mmol/L	K ⁺	20-25 mmol/L	13-30 mmol/L	Mg ⁺⁺	1.35-1.65 mmol/L	1.65 mmol/L	Cl ⁻	22 mmol/L	40 mmol/L	Acetate	23 mmol/L	16 mmol/L
	Infants	Children & Adults																				
Dextrose	50 g/L	50 g/L																				
Na ⁺	25-30 mmol/L	40-50 mmol/L																				
K ⁺	20-25 mmol/L	13-30 mmol/L																				
Mg ⁺⁺	1.35-1.65 mmol/L	1.65 mmol/L																				
Cl ⁻	22 mmol/L	40 mmol/L																				
Acetate	23 mmol/L	16 mmol/L																				
Balanced Multiple Replacement Solution	Inj.: 500 mL and 1 L bottle/bag (IV infusion) Composition: Na ⁺ – 140-145 mmol/L K ⁺ – 4-5 mmol/L Mg ⁺⁺ – 1-1.65 mmol/L Cl ⁻ – 98-127 mmol/L Acetate – 24-50 mmol/L plus 5% dextrose (50g/L)																					
Balanced Multiple Replacement Solution w/ pH 7.4	Inj.: 500 mL and 1 L bottle/bag (IV infusion) Composition: Na ⁺ – 140 mmol/L K ⁺ – 5 mmol/L Mg ⁺⁺ – 3 mmol/L Cl ⁻ – 98 mmol/L Acetate – 50 mmol/L																					
Barium Sulfate	Oral: powder, USP grade suspended in water 340 g and 454 g, pouch, LDPE bag																					
Basiliximab (1, 2)	Inj.: 20 mg vial (IV infusion)																					
BCG Vaccine	Inj.: freeze-dried powder, 100 micrograms/0.1 mL, 1 mL, 1.5 mL and 2 mL vial (ID) 500 micrograms/mL vial + 1 mL diluent in ampul (ID) 20 doses																					
Benzoyl Peroxide	Gel: 5%, 20 g tube																					
Benzyl Benzoate	Lotion: 25%, 60 mL and 120 mL bottle																					
Beractant	Inj.: 25 mg/mL suspension, 4 mL and 8 mL vial, Intratracheal administration (restricted to tertiary hospitals with adequately trained neonatologist and facilities for neonatal intensive care)																					
Betahistine (as hydrochloride/dihydrochloride)	Oral: 8 mg, 16 mg and 24 mg tablet																					
Betamethasone	Cream or Ointment:																					

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	0.05%, 5 g and 10 g tube (as dipropionate) 0.1%, 5 g tube (as valerate)
Betaxolol (as hydrochloride)	Eye Drops Suspension: 0.25%, 5 mL bottle Eye Drops Solution: 0.5%, 5 mL and 10 mL bottle
Bicalutamide	Oral: 50 mg and 150 mg tablet/ film coated tablet
Biperiden	Oral: 2 mg tablet (as hydrochloride) Inj.: 5 mg/mL, 1 mL ampul (IM, IV) (as lactate)
Biphasic Isophane Human Insulin 70/30 (recombinant DNA)	Inj.: 70% isophane suspension + 30% soluble insulin in: 100 IU/mL, 5 mL and 10 mL vial (SC) 100 IU/mL, 3 mL disposable syringe (SC) 100 IU/mL, 3mL glass cartridge (SC)
Bisacodyl	Oral: 5 mg tablet 5 mg MR tablet Rectal: 5 mg (children) and 10 mg (adult) suppository
Bisoprolol	Oral: 2.5 mg and 5 mg tablet (as fumarate)
Bleomycin (as sulfate) (1, 2)	Inj.: powder, 15 IU ampul/vial (IM, IV)
Brimonidine (as tartrate)	Ophthalmic Solution: 0.15%, 5 mL bottle
Brinzolamide	Ophthalmic Suspension: 1%, 5 mL bottle
Bromazepam (A1)	Oral: 1 1.5 mg tablet
Bromocriptine (as mesilate) (1, 2)	Oral: 2.5 mg tablet
Budesonide	Inhalation: DPI: 100 micrograms/dose x 200 doses with appropriate accompanying dispenser 200 micrograms/dose x 100 doses and 200 doses with appropriate accompanying dispenser MDI: 200 micrograms/dose x 120 actuations Resp. Soln.: (for nebulization) 250 micrograms/mL, 2 mL (unit dose)
Budesonide + Formoterol	Inhalation: DPI: 80 micrograms budesonide + 4.5 micrograms formoterol (as fumarate dihydrate) x 60 doses with appropriate accompanying dispenser 160 micrograms budesonide + 4.5 micrograms formoterol (as fumarate dihydrate) x 60 doses with appropriate accompanying dispenser 320 micrograms budesonide + 9 micrograms formoterol (as fumarate) x 60 doses with

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	<p>appropriate accompanying dispenser</p> <p>MDI: 80 micrograms budesonide + 4.5 micrograms formoterol (as fumarate dihydrate) x 120 doses with appropriate accompanying dispenser</p> <p>160 micrograms budesonide + 4.5 micrograms formoterol (as fumarate dihydrate) x 120 doses with appropriate accompanying dispenser</p>
Bumetanide	<p>Oral: 1 mg tablet</p> <p>Inj.: 500 micrograms/mL, 4 mL ampul (IM, IV)</p>
Bupivacaine (as hydrochloride) (1)	<p>Inj.: 0.5%, 5 mL, 10 mL and 20 mL vial</p> <p>0.5%, 5 mL, 10 mL, 20 mL and 50 mL ampul/vial (local infiltration)</p> <p>0.5% 4 mL ampul (spinal) with 8% dextrose</p> <p>0.5% (isobaric), 5 mL ampul (spinal)</p>
Butamirate (as citrate) (2)	<p>Oral: 50 mg MR tablet</p> <p>7.5 mg/5 mL syrup, 120 mL</p>
Butorphanol (as tartrate) (A1)	<p>Inj.: 2 mg/mL, 1 mL and 2 mL ampul/vial (IM, IV)</p>
C	
Calamine, Plain	<p>Lotion: 8%, 60 mL and 120 mL bottle</p>
Calcipotriol	<p>Ointment: 50 microgram/g, 30 g tube or bottle</p>
Calcipotriol + Betamethasone	<p>Ointment: 50 microgram calcipotriol (as hydrate) + 500 microgram betamethasone (as dipropionate)/g, 30 g tube</p>
Calcitriol (1, 2)	<p>Oral: 0.25 microgram capsule</p>
Calcium	<p>Oral: tablet (equiv. to 500 mg elemental calcium) (as lactate)</p> <p>tablet/chewable tablet (equiv. to 500 mg and 600 mg elemental calcium) (as carbonate)</p> <p>powder, USP grade (as chloride)</p> <p>Inj.: 10% solution in 10 mL ampul (IV) (as gluconate)</p>
Calcium Carbonate	<p>Oral: tablet/chewable tablet (equiv. to 500 mg and 600 mg elemental calcium)</p>
Calcium Carbonate + Cholecalciferol (vitamin D3)	<p>Oral: Equiv. to 500 mg elemental Ca + 400 IU Vit. D3</p> <p>Equiv. to 600 mg elemental Ca + 400 IU Vit. D3</p>
Calcium Folate (leucovorin calcium) (1, 2)	<p>Inj.: 10 mg/mL, 5 mL ampul/vial (IM, IV)</p> <p>50 mg vial (IM, IV)</p>
Calcium Gluconate (1, 2)	<p>Inj.: 10%, 10 mL ampul/vial (IV)</p> <p>10%, 20 mL and 25 mL bottle (IV)</p>
Calcium Sennosides (equivalent to Standardized Senna concentrate)	<p>Oral: 8.77 mg and 17.54 mg (calculated as sennoside B) tablet</p>

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Capecitabine (1, 2)	Oral: 150 mg and 500 mg tablet
Capreomycin	Inj: 1 gram powder for injection (IV, IM)
Captopril	Oral: 25 mg and 50 mg tablet
Carbachol	Intraocular Solution: 0.01%, 1.5 mL vial
Carbamazepine	Oral: 200 mg tablet (B) 200 mg and 400 mg MR tablet 100 mg/5 mL syrup, 120 mL
Carbetocin	Inj: 100 mcg/mL, 1 mL ampule/vial, solution for Injection (IV)
Carboplatin (1, 2)	Inj.: powder, 150 mg and 450 mg vial (IV) 10 mg/mL, 15 mL and 45 mL vial (IV)
Carboprost	Inj: 125 mcg/0.5 mL solution for injection, 0.5 mL ampul/vial 250 mcg/mL solution for injection, 1 mL ampule/vial
Carboxymethylcellulose (as sodium)	Eye Drops Solution: 0.5%, 0.4 mL and 15 mL bottle
Carvedilol	Oral: 6.25 mg tablet and 25 mg tablet
Castor Oil	Oral: USP grade
Cefalexin (as monohydrate)	Oral: 500 mg capsule 100 mg/mL, granules/powder for drops, 10 mL 125 mg/5 mL granules/powder for syrup/suspension, 30 mL 250 mg/5 mL granules/powder for syrup/suspension, 60 mL
Cefazolin (as sodium salt)	Inj.: 500 mg and 1 g vial (IM, IV)
Cefepime (as hydrochloride) <i>* Restricted Antimicrobial</i>	Inj.: 500 mg, 1 g and 2 g vial (IM, IV)
Cefixime	Oral: 200 mg and 400 mg capsule (B) 20 mg/mL granules for drops (suspension), 10 mL 100 mg/5 mL granules for suspension, 60 mL
Cefotaxime (as sodium salt)	Inj.: 250 mg vial + 2 mL diluent (IM, IV) 500 mg vial + 2 mL diluent (IM, IV)
Cefoxitin	Inj.: 1 g vial (IM, IV) (as sodium salt) 1g (as sodium) powder for injection with 4% Dextrose Solution for Injection (IV Infusion)
Ceftaxidime (Ceftazidime)	Inj.: 250 mg, 500 mg and 1 g vial (IM, IV) (as pentahydrate) 2 g vial (IV infusion) (as pentahydrate)
Ceftriaxone (as disodium/sodium salt)	Inj.: 250 mg vial + 2 mL 1% solution of lidocaine (IM) 500 mg vial + 2 mL 1% solution of lidocaine (IM) 250 mg vial + 5 mL diluent (IV) 1 g vial + 3.5 mL 1% solution of lidocaine (IM)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	1 g vial + 10 mL diluent (IV)
Cefuroxime	Oral: 500 mg tablet (as axetil) 125 mg/5 mL granules for suspension, 70 mL (as axetil) 250 mg/5 mL granules for suspension, 50 mL content in 120 mL bottle Inj.: 250 mg and 750 mg vial (IM, IV) 1.5 g vial (IV infusion) (as sodium salt)
Celecoxib	Oral: 100 mg, 200 mg and 400 mg capsule
Cetirizine (as dihydrochloride)	Oral: 10 mg tablet 2.5 mg/mL syrup (oral drops), 10 mL 10 mg/mL drops, 10 mL 1 mg/mL solution, 30 mL and 60 mL 5 mg/5 mL syrup, 30 mL
Chlorambucil (1, 2)	Oral: 2 mg tablet
Chloramphenicol	Oral: 500 mg capsule 125 mg/5 mL suspension, 60 mL (as palmitate) Inj.: 1 g vial (IV; IM if recommended by manufacturer) (as sodium succinate)
Chlorhexidine	Solution: 0.12% and 4%, 50 mL, 120 mL, 380 mL, 500 mL, 4 L and 5 L (as gluconate)
Chloroquine (as phosphate or diphosphate)	Oral: 250 mg (150 mg base) tablet Inj.: 50 mg/mL, 20 mL vial (IM, IV)
Chlorphenamine (Chlopheniramine) (as maleate)	Oral: 4 mg tablet 2.5 mg/5 mL syrup, 60 mL Inj.: 10 mg/mL, 1 mL ampul/vial (IM, IV)
Chlorpheniramine (see Chlorphenamine)	
Chlorpromazine (as hydrochloride)	Oral: 50 mg, 100 mg and 200 mg tablet Inj.: 25 mg/mL, 1 mL ampul (IM, IV)
Cyclosporin (1, 2)	Oral: 25 mg, 50 mg and 100 mg capsule (B) 100 mg/mL solution, 50 mL Ophthalmic Emulsion: 0.05%, 0.4 mL bottle
Cilostazol	Oral: 50 mg and 100 mg tablet 50 mg (20% w/w), 0.25 g sachet powder for oral use 100 mg (20% w/w), 0.5 g sachet powder for oral use
Cinnarizine	Oral: 25 mg tablet
Ciprofloxacin	Oral: 250 mg and 500 mg tablet (as hydrochloride) Inj.: 2 mg/mL, 100 mL vial (IV infusion) (as lactate) 400 mg/200 mL (IV infusion)
Cisplatin (1, 2)	Inj.: 1 mg/mL, 10 mL and 50 mL vial (IV)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Clarithromycin	Oral: 250 mg and 500 mg base tablet 125 mg/5 mL and 250 mg/5 mL granules/powder for suspension, 50 mL
Clindamycin	Oral: 150 mg and 300 mg capsule (as hydrochloride) 75 mg/5 mL granules for suspension, 60 mL (as palmitate hydrochloride) Inj.: 150 mg/mL, 2 mL ampul/vial and 4 mL ampul (IM, IV) (as phosphate)
Clobetasol (as propionate)	Cream or Ointment: 0.05%, 5 g and 15 g tube Shampoo: 0.05%, 25 mL bottle
Clofazimine (B)	Oral: 50 mg and 100 mg capsule (available under DOH program)
Clomifene (1, 2)	Oral: 50 mg tablet (as citrate)
Clonazepam (A1)	Oral: 500 micrograms and 2 mg tablet
Clonidine	Oral: 75 micrograms and 150 micrograms tablet (as hydrochloride) Inj.: 150 micrograms/mL, 1 mL ampul (IV) (as hydrochloride)
Clopidogrel	Oral: 75 mg tablet
Clotrimazole	Cream: 1% (10 mg/ g), 3 g, 10 g and 20 g aluminum collapsible tube 2% (20 mg/ g), 30 g aluminum collapsible tube Vaginal Cream: 1%, 10 g aluminum collapsible tube Ear Solution: 1% otic solution
Cloxacillin (as sodium salt)	Oral: 500 mg capsule 250mg/ 5mL powder for oral solution, 60 mL
Clozapine (1, 2)	Oral: 25 mg and 100 mg tablet (requires hematologic monitoring)
Co-Amoxiclav (amoxicillin + potassium clavulanate)	Oral: 500 mg amoxicillin (as trihydrate) + 125 mg potassium clavulanate per tablet 875 mg amoxicillin (as trihydrate) + 125 mg potassium clavulanate per tablet 200 mg amoxicillin (as trihydrate) + 28.5 mg potassium clavulanate per 5 mL granules/powder for suspension, 70 mL 400 mg amoxicillin (as trihydrate) + 57 mg potassium clavulanate per 5 mL granules/powder for suspension, 70 mL 600 mg amoxicillin (as trihydrate) + 42.9 mg potassium clavulanate per 5 mL granules/powder for suspension
Cobra Antivenin	Inj.: 800 MU/ 4.8 mL, 1 mL ampul (for IV infusion) 800 IU/mL, 5 mL ampul (IV infusion) (1, 2)
Codeine (A1)	Oral: 30 mg MR capsule (as phosphate)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	10 mg/5 mL, 60 mL suspension
Colchicine	Oral: 500 microgram tablet
Colistin <i>* Restricted Antimicrobial</i>	Inj: 2,000,000 IU lyophilized powder for injection (IV infusion)
Combined Glucose-Amino Acid Solutions	Volume — 100 mL and 500 mL Concentration — variable Glucose (Sorbitol) — 25 - 50 g Protein — 20 - 30 g Calories — 300 - 450 Kcal Electrolytes — variable
Conjugated Equine Estrogen	Oral: 625 micrograms and 1.25 mg tablet
Conjugated Estrogen	Oral: 625 micrograms and 1.25 mg tablet
Cotrimoxazole (sulfamethoxazole + trimethoprim)	Oral: 400 mg sulfamethoxazole + 80 mg trimethoprim tablet/capsule (B) 800 mg sulfamethoxazole + 160 mg trimethoprim tablet (B) 200 mg sulfamethoxazole + 40 mg trimethoprim/5 mL suspension, 70mL and 120mL 400 mg sulfamethoxazole + 80 mg trimethoprim per 5 mL suspension, 60 mL Inj.: 400 mg sulfamethoxazole + 80 mg trimethoprim, 5 mL ampul (IV infusion)
Crotamiton	Lotion: 10%, 60 mL bottle
Cyclophosphamide (1, 2)	Inj.: powder, 200 mg, 500 mg and 1 g vial (IV)
Cycloserine	Oral: 250 mg capsule
Cyproterone (as acetate) (1, 2)	Oral: 50 mg tablet
Cytarabine (1, 2)	Inj.: 20 mg/mL, 5 mL ampul (IM, SC, intrathecal) 100 mg/mL solution for injection, 1 mL, 5mL and 10 mL
D	
Dacarbazine (1, 2)	Inj.: powder, 100 mg and 200 mg vial (IV, IV infusion)
Daclatasvir	Oral: 60 mg tablet
Dactinomycin (1, 2)	Inj.: powder, 500 micrograms vial (IV)
Danazol (1)	Oral: 200 mg capsule
Dantrolene (as sodium salt)	Oral: 25 mg and 50 mg capsule (1) Inj.: 20 mg (with mannitol 3 g)/vial (for reconstitution with 60 mL sterile water for injection) (IV) (1, 2)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Dapsone (B)	Oral: 100 mg tablet
Deferiprone (1, 2)	Oral: 500 mg tablet
Deferasirox	Oral: 125 mg and 250 mg dispersible tablets
Deferoxamine (as mesilate) (1, 2)	Inj.: powder, 500 mg vial (IM, IV infusion, SC)
Desflurane (1)	Inhalation: 240 mL bottle
Desmopressin (as acetate)	Oral: 100 micrograms and 200 micrograms tablet Inj.: 15 micrograms/mL, 1 mL ampul (IM, SC) (as acetate)
Dexamethasone	Oral: 500 micrograms, 750 micrograms, 3 mg and 4 mg tablet Inj.: 4 mg/mL, 1 mL and 2 mL ampul/vial (IM, IV) (as sodium phosphate) 5 mg/mL, 1 mL ampul (IM, IV) (as sodium phosphate) Eye Drops Suspension: 0.1%, 5 mL bottle
Dextran, High Molecular Weight (Dextran 70)	Inj.: 6% dextran 70 in 0.9% sodium chloride, 500 mL bottle (IV infusion) 6% dextran 70 in 5% dextrose, 500 mL bottle (IV infusion)
Dextromethorphan (as hydrobromide) (2)	Oral: 10 mg tablet
5% Dextrose in 0.3% Sodium Chloride	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) Composition: Dextrose – 50 g/L Na ⁺ – 51 mmol/L Cl ⁻ – 51 mmol/L
5% Dextrose in 0.45% Sodium Chloride	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) Composition: Dextrose – 50 g/L Na ⁺ – 77 mmol/L Cl ⁻ – 77 mmol/L
5% Dextrose in 0.9% Sodium Chloride	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) Composition: Dextrose – 50 g/L Na ⁺ – 154 mmol/L Cl ⁻ – 154 mmol/L
5% Dextrose in Lactated Ringers	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) Composition: Dextrose – 50 g/L

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Na ⁺ – 130 mmol/L K ⁺ – 4 mmol/L Ca ⁺⁺ – 1.22 – 1.5 mmol/L Cl ⁻ – 109 mmol/L Lactate – 28 mmol/L
5% Dextrose in Water	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion and as vehicle for IV medications)
10% Dextrose in Water	Inj.: 250 mL, 500 mL and 1 L bottle/bag (IV infusion) 3 mL ampul (as solvent)
Diazepam (1, A1)	Oral: 5 mg tablet Inj.: 5 mg/mL, 2 mL ampul (IM, IV)
Diclofenac	Oral: 25 mg and 50 mg tablet/capsule (as sodium or potassium salt) 50 mg enteric coated tablet or MR tablet (as sodium salt) 100 mg MR tablet/capsule (as sodium or potassium salt) Inj.: 25 mg/mL, 3 mL ampul (IM, IV) (as sodium salt)
Dicycloverine (Dicyclomine) (as hydrochloride)	Oral: 10 mg tablet 10 mg/5 mL syrup, 60 mL
Diethylcarbamazine	Oral: 50 mg and 100 mg tablet (available under DOH program)
Digoxin (2)	Oral: 250 micrograms tablet 50 micrograms/mL elixir, 60 mL Inj.: 250 micrograms/mL, 2 mL ampul (IM, IV)
Diloxanide (as furoate)	Oral: 500 mg tablet (B) 125 mg/5 mL syrup/suspension, 30 mL and 60 mL
Diltiazem (as hydrochloride)	Oral: 60 mg tablet 60 mg, 120 mg, 180 mg and 240 mg MR capsule (as hydrochloride) 120 mg and 180 mg MR tablet (as hydrochloride)
Dimeglumine Gadopentetate	Inj.: 469 mg/mL aqueous solution, 5 mL, 10 mL and 20 mL vial
Dimercaprol (1, 2)	Inj.: (in oil) 50 mg/mL, 2 mL ampul (IM)
Dimercaptopropane-sulphonate (DMPS) (1, 2)	Inj.: 100 mg/mL, 1 mL ampul and 10 mL vial (IM)
Diphenhydramine (as hydrochloride)	Oral: 25 mg and 50 mg capsule 12.5 mg/5 mL, 30 mL and 60 mL syrup Inj.: 50 mg/mL, 1 mL ampul (IM, IV)
Diphtheria Antitoxin	Inj.: 10,000 IU and 20,000 IU, 5 mL and 10 mL (IV)
Diphtheria, Tetanus, Pertussis, Hepatitis B Recombinant and	Inj: 0.5mL vial suspension for injection (IM)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Haemophilus Influenza Type B (Hib) Combined Vaccine	
Diphtheria-Tetanus Toxoids (DT)	Inj.: 30 IU diphtheria toxoid + 40 IU tetanus toxoid per 0.5 mL ampul (IM) (For less than 10 yrs. old)
Diphtheria-Tetanus Toxoids (Td)	Inj.: ≥ 2 IU diphtheria toxoid + ≥ 40 IU tetanus toxoid per 0.5 mL ampul (IM) (For 7 yrs. old and above) ≥ 2 IU diphtheria toxoid + ≥ 40 IU tetanus toxoid per 0.5 mL (IM), multidose vial (10 doses per vial)
Diphtheria-Tetanus Toxoids and Acellular Pertussis Vaccines (DTaP)	Inj.: 0.5 mL pre-filled syringe (IM)
Diphtheria-Tetanus Toxoids and Pertussis Vaccine (DTP)	Inj.: 0.5 mL ampul (IM) 0.5 mL pre-filled syringe (IM) 0.5 mL, 5 mL, 7.5 mL and 10 mL vial (IM)
Dipyridamole (2)	Oral: 25 mg tablet (preferably used in combination with aspirin)
Divalproex Sodium OR Sodium Valproate + Valproic Acid	Oral: 250 mg and 500 mg tablet 250 mg and 500 mg extended release (ER) tablet Oral: 500 mg (333 mg sodium valproate + 145 mg valproic acid) controlled release tablet
Dobutamine (1, 2)	Inj.: 50 mg/mL, 5 mL ampul (concentrate) (IV infusion) (as hydrochloride) 2 mg/mL, 250 mL D5W (pre-mixed) (IV) (as hydrochloride)
Docetaxel (1, 2)	Inj.: 10 mg/mL solution for infusion (IV), 2 mL and 8 mL vial 20 mg/0.5 mL, 0.5 mL vial (IV infusion) (anhydrous) 40 mg/mL, 2 mL vial (IV infusion) (anhydrous) 20 mg/mL, 1mL concentrate for solution for IV infusion (as trihydrate) 80 mg/4mL, 4 mL concentrate for solution for IV infusion (as trihydrate)
Domperidone	Oral: 10 mg tablet 1 mg/mL suspension, 60 mL
Donepezil	Oral: 5 mg and 10 mg tablet/ orodispersible tablet (ODT)
Dopamine (as hydrochloride) (1, 2)	Inj.: 40 mg/mL, 5 mL vial/ampul (IV) 800 micrograms/mL, 250 mL D5W (pre-mixed) (IV) 1.6 mg/mL, 250 mL D5W (pre-mixed) (IV)
Dorzolamide	Eye Drops Solution: 2%, 5 mL vial (as hydrochloride)
Doxorubicin (as hydrochloride) (1, 2)	Inj.: powder, 10 mg and 50 mg vial (IV) 2 mg/mL, 5 mL and 25 mL vial (IV)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Doxycycline	Oral: 100 mg capsule (as hyclate)
DTaP + Hib	Inj.: 0.5 mL pre-filled syringe (IM)
DTP + Hepatitis B Vaccine (recombinant)	Inj.: 0.5 mL vial (IM, SC)
DTP + Hib	Inj.: 0.5 mL DTP diluent in pre-filled syringe + freeze-dried, 10 microgram Hib vial (IM, SC)
DTP + Inactivated Polio Vaccine (IPV)	Inj.: 0.5 mL monodose vial (IM, SC) 0.5 mL pre-filled syringe (IM, SC)
DTP + IPV + Hib	Inj.: 0.5 mL pre-filled syringe (IM, SC)
Dydrogesterone	Oral: 10 mg tablet
E	
Efavirenz	Oral: 50 mg, 100 mg, 200 mg and 600 mg tablet/capsule
Enalapril (as maleate)	Oral: 5 mg and 20 mg tablet
Enalapril + Hydrochlorothiazide	Oral: 20 mg enalapril + 12.5 mg hydrochlorothiazide tablet
Enoxaparin (as sodium salt) (1, 2)	Inj.: 100 mg/mL, 0.2 mL, 0.4 mL and 0.6 mL pre-filled syringe (SC)
Entecavir	Oral: 500 mcg and 1 mg tablet/ film-coated tablet 0.05 mg/mL oral solution
Enteral Nutrition - Adult Polymeric	Oral/ Tube Feed: Calories – 100 - 475 Kcal Dilution – 1:1 - 2:1 Carbohydrates – 13.8 - 59 g Protein – 3.8 - 19.9 g Fat – 3.4 - 21.5 g mOsm/kg – 270 - 730 Sodium – 75 - 402 mg Potassium – 370 - 580 mg Calcium – 80 - 500 mg Magnesium – 25 - 500 mg Fiber – 0 - 1.5 g Phosphorous – 47 - 307 mg Volume – 100 mL - 1 L
Enteral Nutrition - Disease Specific	Oral/ Tube Feed: Calories – 100 - 1000 Kcal Dilution – 1:1 - 2:1 Carbohydrates – 10.4 - 156 g Protein – 5.5 - 88 g Fat – 3.3 - 108 g mOsm/kg – 230 - 635 Sodium – 80 - 2400 mg

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Potassium – 172 - 5600 mg Calcium – 80 - 500 mg Magnesium – 25 - 500 mg Phosphorous – 50 - 1789 mg Volume – 50 mL - 500 mL 50 g - 500 g
Enteral Nutrition - Fiber Containing	Oral/ Tube Feed: Calories – 100 - 1048 Kcal Dilution – 1:1 - 2:1 Carbohydrates – 13.8 - 148 g Protein – 3.8 - 40 g Fat – 3.4 - 34.7 g mOsm/kg – 270 - 375 Sodium – 46.5 - 930 mg Potassium – 78.5 - 1570 mg Phosphorous – 63 - 720 mg Fiber – 2.0 - 10.6 g Volume – 500 mL 100 g - 400 g
Enteral Nutrition - Modular	Oral: Calories – 9.5 - 380 Kcal Dilution – 0 Carbohydrates – 0.67 - 94 g Protein – 5 - 23 g Fat – 0.6 g mOsm/kg – 900 Sodium – 15 - 110 mg Potassium – 10 - 66 mg Phosphorous – 5 - 30 mg Volume – 280 g - 400 g
Enteral Nutrition - Pediatric Polymeric	Oral: Calories – 445 - 511 Kcal Dilution – 1:1 Carbohydrates – 14.9 - 62.2 g Protein – 13.4 - 54.3 g Fat – 16.2 - 26 g mOsm/kg – 308 - 345 Sodium – 120 - 250 mg Potassium – 400 - 750 mg Phosphorous – 150 - 760 mg Volume – 100 g
Enteral Nutrition - Semi-Elemental	Oral: Calories – 100 - 1300 Kcal Dilution – 1:1 - 1.5:1 Carbohydrates – 13.8 - 177.2 g Protein – 3.0 - 66.6 g Fat – 3.9 - 37.4 g

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	mOsm/kg – 375 - 575 Sodium – 66 - 1040 mg Potassium – 135 - 1730 mg Phosphorous – 22 - 867 mg Volume – 100 mL - 1 L 76 g - 450 g
Ephedrine (A1)	Inj.: 30 mg/mL, 1 mL ampul solution for injection 50 mg/mL, 1 mL ampul (IM, IV) (as sulfate)
Eperisone hydrochloride	Oral: 50 mg tablet
Epinephrine (adrenaline) (1, 2)	Inj.: 1 mg/mL, 1 mL ampul (IM, SC) (as hydrochloride) 0.3 mg auto-injector (IM-Preload), 0.3 mL preloaded injection pen
Epirubicin (as hydrochloride) (1, 2)	Inj.: powder, 10 mg and 50 mg vial (IV)
Epoetin Alfa (recombinant human erythropoietin) (1, 2)	Inj.: 2000 IU/0.5 mL, pre-filled syringe (IV, SC) 4000 IU/0.4 mL, pre-filled syringe (IV, SC) 4000 IU/mL, 1 mL vial (IV, SC) 10,000 IU/mL, pre-filled syringe (IV, SC)
Epoetin Beta (recombinant erythropoietin) (1, 2)	Inj.: 2000 IU/0.3 mL, pre-filled syringe with needle (IV, SC) 5000 IU/0.3 mL, pre-filled syringe with needle (IV, SC) 10,000 IU/0.6 mL, pre-filled syringe (IV, SC)
Ergotamine (1, 2, A2)	Oral: 1 mg tablet (as tartrate)
Ertapenem (as sodium salt) <i>*Restricted Antimicrobial</i>	Inj.: 1 g powder, vial (IM/IV)
Erythromycin	Oral: 500 mg tablet (as stearate) (B) 200 mg/5 mL granules/powder for suspension, 60 mL (as ethyl succinate) 400 mg/5 mL granules/powder for suspension, 50 mL and 60 mL (as ethyl succinate) Eye Ointment: 0.5%, 3.5 g and 5 g tube
Escitalopram (as oxalate)	Oral: 10 mg tablet
Esmolol (as hydrochloride) (1, 2)	Inj.: 10 mg/mL, 10 mL vial (IV) 100 mg/mL, 10 mL vial (IV)
Ethambutol (as hydrochloride)	Oral: 100 mg tablet (pediatric) 200 mg and 400 mg tablet
Ethinylestradiol + Desogestrel	Oral: 30 micrograms ethinylestradiol + 150 microgram desogestrel per tablet
Ethinylestradiol + Levonorgestrel	Oral: 30 micrograms ethinylestradiol + 150 microgram levonorgestrel per tablet
Ethinylestradiol + Norethisterone	Oral: 35 micrograms ethinylestradiol + 400 microgram norethisterone acetate per tablet
Ethinylestradiol + Norgestrel	Oral: 30 micrograms ethinylestradiol + 300 microgram

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	norgestrel per tablet
Etonogestrel	68 mg subdermal implant
Etoposide (1, 2)	Inj.: 20 mg/mL, 5 mL ampul/vial (IV) 20 mg/mL, 10 mL vial (IV) powder 100 mg vial (IV)
Everolimus	Oral: 250 mcg and 500 mcg tablet
F	
Factor IX Complex Concentrate (coagulation factors II, VII, IX, X) (1, 2)	Inj.: 100 IU/mL, 5 mL and 10 mL vial (IV) lyophilized powder, 500 IU vial + diluent (IV)
Factor VIII Concentrate (1, 2)	Inj.: lyophilized powder, 100 IU/g vial + diluent (IV)
Famotidine	Oral: 20 mg tablet Inj.: 10 mg/mL, 2 mL ampul/vial (IM, IV)
Felodipine	Oral: 5 mg and 10 mg MR tablet
Fenofibrate (1)	Oral: 200 mg capsule 160 mg tablet
Fentanyl (as citrate) (A1)	Inj.: 50 micrograms/mL, 2 mL and 10 mL ampul (IV)
Ferrous Salt	Oral: tablet, (equiv. to 60 mg elemental iron) solution, (equiv. to 15 mg elemental iron/0.6 mL) drops, 15 mL and 30 mL solution, (equiv. to 30 mg elemental iron/5 mL) syrup, 60 mL N.B.: The elemental iron content of a ferrous salt depends on the type of preparation as follows: Ferrous fumarate – 33% Ferrous gluconate – 12% Ferrous lactate – 19% Ferrous sulfate, hydrated – 20% Ferrous sulfate, desiccated – 32%
Ferrous Salt + Folic Acid	Oral: 60 mg elemental iron + 400 microgram folic acid per tablet/ capsule/film coated tablet
Filgrastim (G-CSF) (1, 2)	Inj.: 150 micrograms/0.6 mL, vial (IV, SC) 300 mcg/0.5 mL solution for injection in pre-filled syringe (IV, SC) 300 micrograms/mL, vial (IV, SC) 300 micrograms/1.2 mL, vial (IV, SC)
Finasteride	Oral: 5 mg tablet
Fluconazole	Oral: 50 mg, 150 mg and 200 mg capsule Inj.: 2 mg/mL, 100 mL vial (IV infusion)
Flucytosine (5-fluorocytosine) (1)	Oral: 250 mg tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Flumazenil (1, 2)	Inj.: 100 micrograms/mL, 5 mL ampul (slow IV, IV infusion)
Flunarizine (as hydrochloride)	Oral: 5 mg capsule
Fluocinonide	Cream or Ointment: 0.05%, 5 g and 15 g tube
Fluorescein (as sodium salt)	Inj.: 10% (100mg/mL), 5 mL ampul (IV) Strips: 1 mg and 9 mg
Fluorouracil (1, 2)	Inj.: 50 mg/mL, 10 mL ampul/vial (IV, IV infusion)
Fluoxetine (1)	Oral: 20 mg dispersable tablet/capsule
Flupentixol (as decanoate) (1)	Inj.: 20 mg/mL, 1 mL ampul and 10 mL vial (IM)
Fluphenazine (as decanoate) (1)	Inj.: 25 mg/mL, 1 mL ampul and 10 mL vial (IM)
Flutamide (1, 2)	Oral: 250 mg tablet
Fluticasone (as propionate)	Nasal Aqueous Solution: 0.05%/dose x 120 doses Inhalation: DPI: 50 micrograms/dose with appropriate accompanying dispenser 250 micrograms/dose with appropriate accompanying dispenser MDI: 50 micrograms/dose x 60 doses and 120 doses 125 micrograms/dose x 60 doses and 120 doses Resp. Soln.: (for nebulization) 250 micrograms/mL, 2 mL (unit dose)
Fluticasone (as propionate) + Formoterol (as fumarate dihydrate)	Inhalation: MDI: 50 mcg/5 mcg x 120 actuations 125 mcg/5 mcg x 120 actuations 250 mcg/10 mcg x 120 actuations
Fluticasone (as propionate) + Salmeterol (as xinafoate)	Inhalation: DPI: 100 micrograms fluticasone + 50 micrograms salmeterol x 28 doses and 60 doses with appropriate accompanying dispenser 250 micrograms fluticasone + 50 micrograms salmeterol x 28 doses and 60 doses with appropriate accompanying dispenser 500 micrograms fluticasone + 50 micrograms salmeterol x 28 doses and 60 doses with appropriate accompanying dispenser MDI: 50 micrograms fluticasone + 25 micrograms salmeterol x 120 actuations (with dose counter*) 125 micrograms fluticasone + 25 micrograms salmeterol x 120 actuations (*) 250 micrograms fluticasone + 25 micrograms salmeterol x 120 actuations (*)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Folic Acid	Oral: 400 mcg, 800 mcg, 1 mg and 5 mg tablet /capsule 2.5mg/mL pediatric drops 5mg/5mL syrup
Fomepizole (4 - methylprazole) (1, 2)	Inj.: 1 g/mL, 1.5 mL vial (IV)
Fondaparinux (as sodium salt)	Inj.: 2.5 mg/0.5 mL solution
Formoterol	Inhalation: DPI: 12 mcg dry powder for inhalation
Fosfomycin	Oral: 3 g granules for solution
Furosemide	Oral: 20 mg and 40 mg tablet (B) Inj.: 10 mg/mL, 2 mL ampul (IM, IV) 10 mg/mL, 25 mL ampul (IV infusion)
Fusidate Sodium / Fusidic Acid	Cream: 2%, 5g tube Ointment: 2%, 15g tube Eye Drops Suspension: 1%, 5 g tube (as sulfate)
G	
Gabapentin	Oral: 100 mg and 300 mg capsule
Gadobutrol	Inj.: 1.0 mmol/mL solution for injection, 15 mL vial 1.0 mmol/mL solution for injection, 5 mL pre-filled syringe
Gadoteric acid	Inj.: 0.5 mmol/mL solution for injection, 10 mL, 15 mL and 20 mL vials
Ganciclovir	Eye Gel: 0.15%, 5 g tube Inj.: 500 mg vial (IV infusion) (as sodium) (1, 2)
Gas Forming Agent	Oral: Components per tablet: Sodium bicarbonate – 470 mg Glutamic acid – 70 mg Tartaric acid – 420 mg Silicon resin – 25 mg
Gemcitabine (as hydrochloride) (1, 2)	Inj.: 200 mg and 1 g vial (IV infusion)
Gentamicin (as sulfate)	Inj.: 10 mg/mL, 2 mL ampul/vial (IM, IV) 40 mg/mL, 2 mL ampul/vial (IM, IV)
Gliclazide	Oral: 30 mg and 60 mg MR tablet 80 mg tablet
Glucagon (as hydrochloride) (1, 2)	Inj.: lyophilized powder, 1 mg + solvent (IM, IV, SC)
Glucose (dextrose)	Inj.: 50%, 50 mL vial (IV) 50%, 10 mL and 20 mL ampul (IV) 50%, 10 mL, 20 mL and 50 mL (85 Kcal) vial (IV)
Glycerin (see Glycerol)	

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Glycerol (glycerin)	Oral: USP grade (liquid) Rectal: 2 g and 2.5 g suppository
Glyceryl trinitrate (nitroglycerin)	Inj.: 1 mg/mL, 10 mL and 25 mL ampul (IV infusion) (1, 2)
Goserelin (as acetate)	Inj.: 3.6 mg depot solution, pre-filled syringe (SC) 10.8 mg depot solution, pre-filled syringe (SC)
H	
Haloperidol (1)	Oral: 2 mg, 5 mg, and 10 mg tablet (B) Inj.: 5 mg/mL, 1 mL ampul (IM) 50 mg/mL, 1 mL (oily) ampul (IM) (as decanoate)
Halothane (1)	Inhalation: 250 mL bottle
Hemodialysis Solution	1) Acid Concentrates Composition: Concentrates (g/L) Glucose - 0 - 49.5 g Sodium chloride - 216.19 g - 270.8 g Potassium chloride - 5.25 g - 6.7 g Calcium chloride - 6.47 g - 9.9 g Magnesium chloride - 3.58 g - 4.75 g Glacial Acetic Acid - 8.1 g - 8.46 g Purified Water - 1000 mL 2) Sodium bicarbonate 650 g powder
Hemophilus Influenzae type B Conjugated Vaccine (Hib)	Inj.: 10 micrograms/0.5 mL, 1 dose vial + 0.5 mL diluent with tetanus protein (IM) 10 micrograms/0.5 mL vial + 0.9% sodium chloride with diphtheria CRM 197 protein (IM) 0.5 mL vial with meningococcal protein (IM)
Heparin (unfractionated) (as sodium salt) (1, 2)	Inj.: 1000 IU/mL and 5000 IU/mL, 5 mL and 30 mL vial (IV infusion, SC) (bovine origin)
Hepatitis A Inactivated Vaccine	Inj.: viral antigen not less than 720 EU in 0.5 mL monodose vial (IM) (junior) viral antigen not less than 1440 EU in 1.0 mL monodose vial (IM) (adult) 80 units/0.5 mL (GBM strain) pre-filled syringe single dose (IM) (pediatric) 160 units/0.5 mL (GBM strain) pre-filled syringe single dose (IM) (adult)
Hepatitis B Immunoglobulin (human)	Inj.: 0.5 mL, 1 mL and 2 mL vial (IM)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Hepatitis B Vaccine (recombinant DNA)	Inj.: 10 micrograms/0.5 mL monodose vial (IM) (pediatric) 10 micrograms/0.5 mL, 5 mL (10 dose) vial (IM) 20 micrograms/mL monodose vial (IM) adult (For more than 10 years old) 20 micrograms/mL, 10 mL vial (10 doses/vial) adult N.B.: Formulations of different manufacturers are of equal or similar immunogenicity. Follow strictly the recommended dose of each manufacturer.
Human Papillomavirus quadrivalent (types 6, 11, 16, 18) recombinant vaccine	Inj.: 0.5 mL suspension, glass pre-filled syringe (IM) 0.5 mL glass vial
Human Papillomavirus vaccine types 16 and 18 (Recombinant, AS04 Adjuvanted)	Inj.: 0.5 mL suspension in pre-filled syringe (type I glass) with a plunger stopper (rubber butyl) with sterile needle 0.5 mL in 3 mL monodose type 1 glass vial 1 mL in 3 mL glass vial
Human Recombinant Tissue Type Plasminogen Activator (Alteplase) (1)	Inj.: 50 mg powder for I.V. infusion
Hydralazine (as hydrochloride)	Oral: 25 mg and 50 mg tablet Inj.: 20 mg/mL, 1 mL ampul (IM, IV)
Hydrochlorothiazide	Oral: 12.5 mg and 25 mg tablet
Hydrocortisone	Oral: 5 mg and 20 mg tablet Inj.: 50 mg/mL, 2 mL vial (IM, IV) (as sodium succinate) 125 mg/mL, 2 mL vial (IV) (as sodium succinate) powder, 100 mg and 250 mg vial (IV) (as sodium succinate) Cream or Ointment: 1%, 5 g and 10 g tube (1) Lotion: 1% and 2.5%, 25 mL bottle (1)
Hydrogen Peroxide	Solution: 3%, 60 mL and 120 mL bottle
Hydroxychloroquine (as sulfate)	Oral: 200 mg tablet
Hydroxyethyl Starch	Inj.: 6% solution, 250 mL and 500 mL bottle (IV infusion)
Hydroxyurea (1, 2)	Oral: 500 mg capsule
Hydroxyzine (as dihydrochloride)	Oral: 25 mg tablet 2 mg/mL syrup, 100 mL
Hyoscine (as N-butyl bromide)	Oral: 10 mg tablet 5 mg/5 mL syrup, 60 mL Inj.: 20 mg/mL, 1 mL ampul (IM, IV, SC)
3% Hypertonic Saline Solution (for diagnosis of pulmonary tuberculosis)	

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Hypromellose	Eye Drops Solution: 5 mg/mL and 10 mg/mL, 10 mL and 15 mL bottle Ophthalmic Solution: 0.3%, 10 mL bottle
I	
Ibuprofen	Oral: 200 mg and 400 mg tablet 100 mg/5 mL, 60 mL syrup/suspension 200 mg/5 mL, 60 mL suspension
Idarubicin (as hydrochloride) (1, 2)	Inj.: powder, 5 mg vial (IV)
Ifosfamide (1, 2)	Inj.: powder, 1 g and 2 g vial (IV infusion)
Imatinib (as mesilate) (1, 2)	Inj.: 100 mg and 400 mg tablet
Imiglucerase	Inj: 400 U powder for intravenous infusion, 20 mL vial
Imiquimod	Cream: 5%, aluminum foil sachet
Immunoglobulin Normal, Human (IGIM)	Inj.: 160 mg/mL, 2 mL, 5 mL and 10 mL vial (IM)
Immunoglobulin Normal, Human (IGIV) (1)	Inj.: 50 mg/mL, 10 mL, 20 mL, 50 mL, 100 mL and 200 mL vial (IV) freeze-dried powder, 1 g/bottle + 33 mL and 50 mL reconstitution fluid (IV) freeze-dried powder, 2.5 g/bottle + 100 mL reconstitution fluid (IV) freeze-dried powder, 5 g/bottle + 100 mL diluent vial (IV) freeze-dried powder, 10 g/bottle + 260 mL diluent vial (IV)
Inactivated Poliomyelitis Vaccine (Types 1, 2 and 3)	Inj: 0.5 mL per dose, suspension for injection single-dose/multidose vial (IM, SC)
Indacaterol (as maleate) + glycopyrronium (as bromide)	Inhalation: 110 mcg + 50 mcg inhalation powder in hard capsules
Indapamide	Oral: 1.5 mg MR tablet
Influenza Polyvalent Vaccine	Inj.: 0.5 mL vial + pre-filled syringe diluent (IM) 0.5 mL suspension in a pre-filled syringe or ampul (IM) (adult) 15mcg/0.5mL, 5mL multidose glass vial 7.5 mcg/0.25 mL suspension for injection, 0.25 mL single dose pre-filled glass syringe N.B.: Strains as recommended by WHO
Interferon Alfa 2B (human) (1, 2)	Inj.: 3 million IU and 5 million IU per mL vial + diluent (IM, SC)
Intraocular Irrigating Solution (balanced salt solution)	Solution: 15 mL, 250 mL and 500 mL bottle

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	<p>Composition:</p> <p>Sodium chloride – 0.64% Potassium chloride – 0.075% Calcium chloride – 0.048% Magnesium chloride hexahydrate – 0.03% Sodium acetate – 0.39% Sodium citrate – 0.17% Water for injection to make 100%</p>
Iodine	<p>Oral: aqueous iodine solution (Lugol's solution) 5% iodine, 10 % potassium iodide (total iodine - 130 mg/mL), 30 mL</p> <p>Tincture: 1% and 2% Solution: 2% and 5%</p>
Iodized Oil Fluid	<p>Oral: 500 mg (equiv. to 200 mg elemental iodine) soft gel capsule (only for DOH program)</p>
Iohexol	<p>Inj.: (Intravascular and other parenteral routes as appropriate) 300 mg iodine/mL, 50 mL and 100 mL vial 350 mg iodine/mL, 50 mL and 100 mL vial</p>
Iopamidol	<p>Inj.: (Intravascular and other parenteral routes as appropriate) 612 mg/mL equiv. to 300 mg iodine, 50 mL and 100 mL vial 755 mg/mL equiv. to 370 mg iodine, 50 mL and 100 mL vial/bottle</p>
Iopromide	<p>Inj.: 300 mg/mL equiv. to 623 mg iodine, 50 mL and 100 mL vial 370 mg/mL equiv. to 769 mg iodine, 50 mL and 100 mL vial</p>
Iothalamate	<p>Inj.: 600 mg/mL, 30 mL, 50 mL and 100 mL vial (usually IV) (as meglumine)</p>
Ioversol	<p>Inj.: 636 mg/mL equiv. to 300 mg/mL iodine, 50 mL and 100 mL vial 741 mg/mL equiv. to 350 mg/mL iodine, 50 mL and 100 mL vial</p>
Ipratropium (as bromide)	<p>Inhalation: MDI: 20 micrograms/dose x 200 doses Resp. Soln.: (for nebulization) 250 micrograms/mL, 2 mL (unit dose)</p>
Ipratropium (as bromide) + Fenoterol (as hydrobromide)	<p>Inhalation: MDI: 20 micrograms ipratropium + 50 micrograms fenoterol x 10 mL doses</p>
Ipratropium + Salbutamol	<p>Inhalation: MDI: 21 micrograms ipratropium (as bromide) + 120</p>

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	<p>micrograms salbutamol x 200 doses x 10 mL Resp. Soln.: (for nebulization) 500 micrograms ipratropium (as bromide anhydrous) + 2.5 mg salbutamol (as base) x 2.5 mL (unit dose)</p>
Irbesartan	Oral: 150 mg and 300 mg tablet
Irbesartan + Hydrochlorothiazide	Oral: 150 mg irbesartan + 12.5 mg hydrochlorothiazide tablet
Irinotecan (as hydrochloride) (1, 2)	Inj.: 40 mg/2 mL concentrate, vial (IV infusion) 100 mg/5 mL concentrate, vial (IV infusion)
Iron sucrose	Inj.: 20 mg/mL, 5 mL ampule
Isoflurane (1)	Inhalation: 100 mL and 250 mL bottle
Isoniazid	Oral: 300 mg and 400 mg tablet 200 mg/5 mL syrup, 120 mL
Isoniazid + Rifampicin (B)	Oral: 50 mg + 75 mg dispersible fixed dose combination tablet (pediatric) 75 mg + 150 mg tablet
Isoniazid + Rifampicin + Ethambutol (B)	Oral: 75 mg + 150 mg + 275 mg tablet
Isoniazid + Rifampicin + Pyrazinamide (B)	Oral: 50 mg + 75 mg + 150 mg dispersible fixed dose combination tablet (pediatric)
Isoniazid + Rifampicin + Pyrazinamide + Ethambutol (B)	Oral: 75 mg + 150 mg + 400 mg + 275 mg tablet
Isophane Insulin Human (recombinant DNA)	Inj.: 100 IU/mL, 3 mL pre-filled syringe (SC) 100 IU/mL, 5 mL and 10 mL vial (SC)
Isosorbide Dinitrate	Oral: 10 mg and 20 mg tablet 20 mg MR tablet/capsule Sublingual: 5 mg tablet Inj.: 1 mg/mL, 10 mL ampul (IV) (1)
Isosorbide-5-Mononitrate	Oral: 40 mg tablet 30 mg and 60 mg MR tablet/capsule
Isotonic electrolyte solution for IV infusion	Each 1 liter (L) of the product contains: Sodium chloride – 6.80 g Potassium chloride – 0.30 g Calcium chloride dihydrate – 0.37 g Magnesium chloride hexahydrate – 0.20 g Sodium acetate trihydrate – 3.27 g Malic acid – 0.67 g
Isoxsuprine (as hydrochloride)	Oral: 10 mg and 40 mg tablet Inj.: 5 mg/mL, 2 mL ampul (IM, IV infusion)
Itraconazole	Oral: 100 mg capsule

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
K	
Kanamycin (as sulfate)	Inj.: 1 g vial (IM)
Ketamine (as hydrochloride) (1, A1)	Inj.: ⓧ50 mg/mL, 10 mL vial (IM, IV)
Ketoconazole	Cream: 2% (20 mg/ g), 3.5 g and 15 g aluminum collapsible tube Shampoo: 2% (20 mg/ g), 6 mL foil sachet, 10 mL, 60 mL and 100 mL bottle
Ketoprofen	Oral: 100 mg tablet Inj.: 50 mg/mL, 2 mL ampul (IM)
Ketorolac (as tromethamol)	Inj.: 30 mg/mL, 1 mL ampul (IM, IV)
L	
Lactated Ringer's Solution (Ringer's Lactate)	Inj.: 500 mL and 1 L bottle/bag (IV infusion) Composition: Na ⁺ – 130 mmol/L K ⁺ – 4 mmol/L Ca ⁺⁺ – 1.22 – 1.5 mmol/L Cl ⁻ – 109 mmol/L Lactate – 28 mmol/L
Lactulose	Oral: 3.3 g/5 mL (66%) syrup, 120 mL
Lagundi • [<i>Vitex negundo L.</i> (<i>Fam. Verbenaceae</i>)]	Oral: 300 mg and 600 mg tablet 300 mg/5 mL syrup, 60 mL and 120 mL bottle
Lamivudine	Oral: 100 mg and 150 mg tablet/film coated tablet 10mg/mL suspension, 240mL bottle
Lamivudine + Efavirenz + Tenofovir	Oral: 300 mg + 600 mg + 300 mg tablet
Lamivudine +Tenofovir	Oral: 300 mg + 300 mg tablet
Lamivudine + Zidovudine	Oral: 150 mg + 300 mg tablet
Lamivudine + Zidovudine + Nevirapine	Oral: 150 mg + 300 mg + 200 mg tablet
Lamotrigine	Oral: 50 mg and 100 mg tablet
Lansoprazole	Oral: 15 mg and 30 mg capsule 15 mg and 30 mg MR tablet
Latanoprost	Eye Drops Solution: 50 micrograms/mL, 2.5 mL bottle
Letrozole	Oral: 2.5 mg tablet/film-coated tablet
Leucovorin Calcium (see Calcium Folate) (1, 2)	Inj.: 10 mg/mL, 5 mL ampul/vial (IM, IV) 50 mg vial (IM, IV)
Leuproreline (as acetate) (1, 2)	Inj.: 3.75 mg/ 2 mL vial with syringe (IM, SC) powder, 1.88 mg single dose with syringe (IM, SC)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	powder, 3.75 mg single dose with syringe (IM, SC) powder, 11.25 mg depot solution, vial with syringe (IM, SC)
Levodopa + Carbidopa	Oral: 100 mg levodopa + 25 mg carbidopa per tablet 250 mg levodopa + 25 mg carbidopa per tablet 200 mg levodopa + 50 mg carbidopa extended release tablet
Levofloxacin	Oral: 250 mg, 500 mg and 750 mg tablet Inj.: 5 mg/mL solution for IV infusion, 100 mL and 150 mL vial Eye Drops: 5 mg/mL (0.5% w/v) ophthalmic solution
Levothyroxine (as anhydrous sodium)	Oral: 50 mcg, 100 mcg and 150 mcg tablet
Lidocaine (as hydrochloride) (1, 2)	Inj.: 1%, 20 mL ampul 2% (20 mg/mL), 2 mL, 5 mL, 20 mL and 50 mL ampul/vial (IM/IV) 2%, 5 mL and 50 mL vial (epidural, local infiltration) 2%, 1.8 mL carpule (with epinephrine) (local infiltration) Spray: 10%, 50 mL
Linezolid <i>*Restricted Antimicrobial*</i>	Oral: 600 mg tablet/film-coated tablet Inj. 2 mg/mL (600 mg/300 mL), solution for infusion (IV)
Lipids	Inj.: 10%, 100 mL, 200 mL and 500 mL bottle (IV infusion) 20%, 100 mL, 250 mL and 500 mL bottle (IV infusion)
Lithium Carbonate (1)	Oral: 450 mg MR tablet
Live Attenuated Bivalent Oral Polio Vaccine (Type 1 and 3)	Inj.: 2 mg vial (20 doses)
Live Attenuated Measles Vaccine	Inj.: monodose vial + 0.5 mL diluent (SC) multidose vial + 5 mL diluent (SC)
Live Attenuated Measles, Mumps and Rubella (MMR) Vaccine	Inj.: monodose vial + 0.5 mL diluent (SC) multidose vial + 5 mL diluent (SC)
Live Attenuated Measles and Rubella (MR) Vaccine	Inj.: multidose vial (10 doses/vial) + 5 mL diluent (SC), with vaccine vial monitor (VVM)
Live Attenuated Mumps Vaccine	Inj.: monodose vial + 0.5 mL diluent (SC)
Live Attenuated Rubella Vaccine	Inj.: monodose vial + 0.5 mL diluent (SC) multidose vial + 5 mL diluent (SC)
Live Attenuated Varicella Vaccine	Inj.: freeze-dried powder, not less than 2000 PFU (OKA strain varicella zoster virus) monodose vial + diluent (0.5 mL water for injection) ampul (SC only)
Loperamide (as hydrochloride)	Oral: 2 mg capsule

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	(N.B.: Not for infants and children less than 12 years old)
Lopinavir + Ritonavir	Oral: 200 mg + 50 mg tablet/capsule
Loratadine	Oral: 10 mg tablet/film coated tablet 5 mg/5 mL syrup, 30 mL
Losartan (as potassium salt)	Oral: 50 mg and 100 mg tablet
Losartan + Hydrochlorothiazide	Oral: 50 mg losartan + 12.5 mg hydrochlorothiazide tablet
Lynestrenol	Oral: 500 mcg tablet
M	
Magnesium Sulfate (as heptahydrate) (1, 2)	Inj.: 250 mg/mL, 2 mL and 10 mL ampul (IM, IV) 250 mg/mL, 10 mL, 20 mL and 50 mL vial (IV) 500 mg/mL, 2 mL and 10 mL ampul (IM, IV)
Mannitol	Inj.: 20%, 250 mL and 500 mL bottle (IV)
Mebendazole	Oral: 100 mg tablet/capsule 500 mg tablet/chewable tablet 50 mg/mL suspension, 10 mL 100 mg/5 mL suspension, 30 mL and 60 mL
Mebeverine (as hydrochloride)	Oral: 100 mg tablet
Mecobalamin	Oral: 500 microgram tablet Inj.: 500 micrograms/mL, 1 mL ampul (IM, IV)
Medroxyprogesterone (2)	Oral: 5 mg and 10 mg tablet (as acetate) Inj.: 50 mg/mL, 3 mL vial + syringe (IM) (as acetate) (N.B. Use one (1) inch long needle) 150 mg/mL, 1 mL vial (IM) (as enanthate or acetate)
Mefenamic Acid	Oral: 250 mg and 500 mg tablet/capsule
Mefloquine (as hydrochloride) (B)	Oral: 250 mg tablet
Megestrol (as acetate) (1, 2)	Oral: 40 mg and 160 mg tablet
Melphalan (1, 2)	Oral: 2 mg tablet
Meningococcal polysaccharide (<i>Neisseria meningitidis</i>) vaccine	Inj.: lyophilized powder, 50 micrograms/ 0.5 mL dose (Group A + C) multidose (10 doses) + 5 mL diluent vial (IM, SC) lyophilized powder, 50 micrograms/ 0.5 mL dose (Group A + C) single dose + 0.5 mL diluent syringe (IM, SC) lyophilized powder, 50 micrograms/ 0.5 mL dose (Serogroup A + Serogroup B + Serogroup W135 + Serogroup Y) multidose (10 doses) + diluent vial (IM, SC)
Mercaptopurine (1, 2, B)	Oral: 50 mg tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Meropenem (as trihydrate) <i>* Restricted Antimicrobial</i>	Inj.: 500 mg and 1 g powder, vial (IV)
Mesalazine (1)	Oral: 500 mg enteric coated tablet 500 mg enteric MR tablet Rectal: 250 mg suppository
Mesna (sodium-2-mercaptoethanesulphonate) (1, 2)	Inj.: 100 mg/mL, 4 mL ampul (IV)
Metformin (as hydrochloride)	Oral: 500 mg tablet/film coated tablet 850 mg tablet
Methimazole (thiamazole)	Oral: 5 mg and 10 mg tablet
Methotrexate (1)	Oral: 2.5 mg tablet (as base or sodium salt) Inj.: 5 mg/mL, 3 mL vial (IM, IV) (as sodium salt) 25 mg/mL, 2 mL ampul/vial (IM, IV, Intrathecal) (as base) 25 mg/mL, 2 mL and 20 mL vial (IM, IV, Intrathecal) (as sodium salt, preservative-free) 100 mg/mL, 10 mL vial (as base) 100 mg/mL, 10 mL vial (IM, IV, Intrathecal) (as sodium salt, preservative-free)
Methyldopa	Oral: 250 mg tablet
Methylene Blue (1, 2)	Oral: 1% solution Inj.: 10 mg/mL, 1 mL and 10 mL ampul/vial
Methylergometrine (methylergonovine) (as hydrogen maleate or maleate) (A2)	Inj.: 200 micrograms/mL, 1 mL ampul (IM, IV)
Methylergonovine (see Methylergometrine)	
Methylphenidate (1, 2, A1)	Oral: 10 mg tablet 18 mg, 27 mg and 36 mg MR tablet 20 mg modified release capsule
Methylprednisolone	Oral: 4 mg and 16 mg tablet Inj.: powder, 125 mg/mL, 2 mL vial + diluent vial (IM, IV, IV infusion) (as sodium succinate) 40 mg in single dose vial, solution for injection (IV, IM) (as sodium succinate) powder, 500 mg, 7.7 mL vial (IV) + diluent vial (IM, IV, IV infusion) (as sodium succinate) powder, 1 g/16 mL vial + diluent vial (IM, IV, IV infusion) (as sodium succinate) lyophilized powder, 125 mg vial (IM, IV) (as sodium succinate) lyophilized powder, 500 mg vial (IM, IV) (as sodium

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	succinate) lyophilized powder, 1 g vial (IM, IV) (as sodium succinate) powder, 500 mg/8.0 mL vial + diluent vial (IM, IV, IV infusion) (as sodium succinate)
Metoclopramide	Oral: 10 mg tablet (as hydrochloride) 5 mg/5 mL syrup, 60 mL (as base and as hydrochloride) Inj.: 5 mg/mL, 2 mL ampul (IM, IV) (as base and as hydrochloride)
Metoprolol (as tartrate)	Oral: 50 mg and 100 mg tablet
Metronidazole	Oral: 250 mg and 500 mg tablet 125 mg base/5 mL (200 mg/5 mL (as benzoate)) suspension, 60 mL Inj.: 5 mg/mL, 100 mL vial (IV infusion)
Micafungin <i>*Restricted Antimicrobial</i>	Inj: 50 mg lyophilized powder for infusion (IV)
Miconazole	Oral gel: 20 mg, 3.5 g aluminum tube Topical Cream: 2% (20 mg/g), 5 g aluminum collapsible tube Vaginal suppository: 1.2 g, casing strip x 1's
Micronutrient Powder	Per 1 gram sachet: Vitamin A - 400 ug RE Vitamin C - 30 mg Vitamin D - 5 ug Vitamin E - 5 mg a-TE Vitamin B1 - 0.5 mg Vitamin B2 - 0.5 mg Vitamin B6 - 0.5 mg Vitamin B12 - 0.9 ug Folic acid - 150 ug Niacin - 6 mg Iron - 10 mg Zinc - 4.1 mg Copper - 0.56 mg Iodine - 90 ug Selenium - 17 ug
Midazolam (A1)	Oral: ⊗15 mg tablet Inj.: 1 mg/mL, 5 mL ampul/vial (IM, IV) 5 mg/mL, 1 mL, 2 mL, 3 mL, 5 mL and 10 mL ampul (IM, IV)
Mitoxantrone (1, 2)	Inj.: 2 mg/mL solution, 5 mL and 10 mL

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths																																																	
Modified Fluid Gelatin (polymerisate of degraded succinylated gelatin)	Inj.: 3% and 4% solution, 500 mL bottle (IV infusion)																																																	
Monobasic/Dibasic Sodium Phosphate	Oral: 48 g/18 g per 100 mL solution, 45 mL bottle Rectal: 19 g/7 g solution per 133 mL and 66 mL bottle (enema)																																																	
Montelukast (as sodium salt) (1)	Oral: 4 mg granules, sachet 4 mg and 5 mg chewable tablet 10 mg tablet																																																	
Morphine (as sulfate) (A1)	Oral: 10 mg, 20 mg and 30 mg tablet/capsule 10 mg, 30 mg, and 60 mg MR tablet Inj.: 10 mg/mL, 1 mL ampul (IM, IV, SC) 16 mg/mL, 1 mL ampul (IM, IV)																																																	
Moxifloxacin	Oral: 400 mg film coated tablet Ophthalmic solution: 5 mg/mL (0.5% w/v) sterile ophthalmic solution, 5 mL bottle (as hydrochloride)																																																	
Multivitamins	<p>Oral:</p> <p>Composition:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Infants (per 1 mL drops)</th> <th>Children (per 5 mL syrup)</th> </tr> </thead> <tbody> <tr> <td>Vitamin A</td> <td>325 – 380 mcg</td> <td>350 – 400 mcg</td> </tr> <tr> <td>Vitamin B1</td> <td>0.2 – 0.4 mg</td> <td>0.5 – 1.0 mg</td> </tr> <tr> <td>Vitamin B2</td> <td>0.3 – 0.4 mg</td> <td>0.7 – 0.9 mg</td> </tr> <tr> <td>Vitamin B6</td> <td>0.3 – 0.6 mg</td> <td>0.9 – 1.6 mg</td> </tr> <tr> <td>Vitamin B12</td> <td>0.3 – 0.4 mcg</td> <td>0.9 – 3.0 mcg</td> </tr> <tr> <td>Vitamin C</td> <td>30 mg</td> <td>35 – 55 mg</td> </tr> <tr> <td>Vitamin D</td> <td>200 IU (5 mcg)</td> <td>200 IU (5 mcg)</td> </tr> <tr> <td>Vitamin E</td> <td>3 – 4 mg</td> <td>5 – 7 mg</td> </tr> <tr> <td>Folic Acid</td> <td>20 – 65 mcg</td> <td>40 – 300 mcg</td> </tr> <tr> <td>Niacin</td> <td>1 – 5 mg</td> <td>5 – 18 mg</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Adult (per tablet/capsule)</th> </tr> </thead> <tbody> <tr> <td>Vitamin A</td> <td>600 – 700 mcg or 2,000 – 2,500 IU</td> </tr> <tr> <td>Vitamin B1</td> <td>1.3 – 1.7 mg</td> </tr> <tr> <td>Vitamin B2</td> <td>0.7 – 1.3 mg</td> </tr> <tr> <td>Vitamin B6</td> <td>1.6 – 2 mg</td> </tr> <tr> <td>Vitamin B12</td> <td>2 – 6 mcg</td> </tr> <tr> <td>Vitamin C</td> <td>65 – 80 mg</td> </tr> <tr> <td>Vitamin D</td> <td>400 IU (10 mcg)</td> </tr> </tbody> </table>		Infants (per 1 mL drops)	Children (per 5 mL syrup)	Vitamin A	325 – 380 mcg	350 – 400 mcg	Vitamin B1	0.2 – 0.4 mg	0.5 – 1.0 mg	Vitamin B2	0.3 – 0.4 mg	0.7 – 0.9 mg	Vitamin B6	0.3 – 0.6 mg	0.9 – 1.6 mg	Vitamin B12	0.3 – 0.4 mcg	0.9 – 3.0 mcg	Vitamin C	30 mg	35 – 55 mg	Vitamin D	200 IU (5 mcg)	200 IU (5 mcg)	Vitamin E	3 – 4 mg	5 – 7 mg	Folic Acid	20 – 65 mcg	40 – 300 mcg	Niacin	1 – 5 mg	5 – 18 mg		Adult (per tablet/capsule)	Vitamin A	600 – 700 mcg or 2,000 – 2,500 IU	Vitamin B1	1.3 – 1.7 mg	Vitamin B2	0.7 – 1.3 mg	Vitamin B6	1.6 – 2 mg	Vitamin B12	2 – 6 mcg	Vitamin C	65 – 80 mg	Vitamin D	400 IU (10 mcg)
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	Vitamin E	6 – 10 mg (15 – 30 IU)
	Folic Acid	400 mcg
	Niacin	13 – 23 mg
Mupirocin	Cream: 2%, 5 g sachet and 15 g tube Ointment: 2%, 5 g and 15 g tube	
Mycophenolate Mofetil (1, 2)	Oral: 500 mg tablet	
Mycophenolic Acid (as Mycophenolate Sodium) (1, 2)	Oral: 360 mg tablet	
N		
N-acetyl Penicillamine (1, 2)	Oral: crystals, 25 g/bottle	
Nalbuphine (as hydrochloride) (A1)	Inj.: 10 mg/mL, 1 mL ampul (IM, IV, SC)	
Nalidixic Acid	Oral: 500 mg tablet 250 mg/5 mL suspension, 60 mL	
Naloxone (as hydrochloride) (1, 2)	Inj.: 400 micrograms/mL, 1 mL ampul (IM, IV, SC)	
Naltrexone (as hydrochloride)	Oral: 50 mg tablet	
Naproxen (as sodium salt)	Oral: 250 mg base (275 mg) and 500 mg base (550 mg) tablet	
Neomycin (as sulfate) + Polymyxin B (as sulfate) + Fluocinolone Acetonide	Ear Drops Solution: 3.5 mg neomycin + 10,000 units polymyxin B + 0.025% fluocinolone acetonide/mL, 5 mL bottle	
Neostigmine	Inj.: 500 mcg/mL, 10 mL vial	
Nepafenac	Eye Suspension: 1 mg/mL, 5 mL bottle	
Nevirapine	Oral: 200 mg tablet (B) 50 mg/5 mL suspension, 240 mL	
Nicardipine (as hydrochloride) (1)	Inj.: 1 mg/mL, 2 mL and 10 mL ampul (IV)	
Nicotine polacrilex	Pastille: 1 mg and 2 mg Gum: 1 mg and 2 mg	
Nicotine transdermal therapeutic system	Patch: 7 mg, 14 mg and 21 mg patch	
Nifedipine	Oral: 10 mg capsule (B) (restricted use for acute hypertensive emergencies in patients less than 18 years old with extreme caution due to rapid and prolonged fall in blood pressure) 30 mg MR tablet	
Nimodipine	Oral: 30 mg tablet	
Nitrofurantoin (B)	Oral: 50 mg and 100 mg capsule (as macrocrystals)	

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Nitroglycerin (see Glyceryl Trinitrate)	Inj.: 1 mg/mL, 10 mL and 25 mL ampul (IV infusion) (1, 2)
Nitrous Oxide (1)	Inhalation: Anesthetic gas
Norepinephrine (as bitartrate) (1, 2)	Inj.: 1 mg/mL, 2 mL and 4 mL ampul (IV infusion) 1mg/mL, 10 mL ampule (concentrate solution for infusion) 2 mg/mL, 4 mL ampule (8 mg/4 mL) solution for injection
Norethisterone (as acetate and as base) (2)	Oral: 5 mg tablet
Nystatin	Oral: 100,000 units/mL suspension, 30 mL Vaginal: 100,000 units per tablet
O	
Octreotide (as acetate) (1, 2)	Inj.: 100 micrograms/mL and 500 micrograms/mL, 1 mL ampul (IV infusion)
Ofloxacin	Oral: 200 mg tablet Eye Drops Solution: 0.3%, 5 mL bottle Ear Drops Solution: 0.3%, 5 mL bottle
Olanzapine (1, 2)	Oral: 5 mg and 10 mg tablet 10 mg orodispersible tablet (ODT)
Olodaterol (as hydrochloride)	Inhalation: 2.5 mcg/puff solution for inhalation, inhaler with 4 mL cartridge x 60 puffs (equiv. to 30 medicinal doses)
Omeprazole	Oral: 20 mg and 40 mg capsule Inj.: powder, 40 mg vial + 10 mL solvent ampul/vial (IV)
Ondansetron (1, 2)	Oral: 8 mg tablet (as hydrochloride dihydrate) Inj.: 2 mg/mL, 2 mL and 4 mL ampul (IM, IV)
Oral Rehydration Salts (ORS 75-replacement)	Oral: Composition of reduced osmolarity ORS per liter of water (WHO recommended): Sodium chloride – 2.6 g Trisodium citrate dihydrate – 2.9 g Potassium chloride – 1.5 g Glucose anhydrous – 13.5 g Total Weight – 20.5 g Reduced osmolarity ORS Equivalent in mmol/L: Sodium – 75

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Chloride – 65 Potassium – 20 Citrate – 10 Glucose anhydrous – 75 Total osmolarity – 245 N.B.: Reconstitute with clean potable water. Unused reconstituted solution shall be discarded after 24 hours.
Osetamivir (as phosphate)	Oral: 75 mg capsule
Oxacillin (as sodium salt)	Inj.: 250 mg and 500 mg vial (IM, IV)
Oxaliplatin (1, 2)	Inj.: 5 mg/mL concentrate solution, 10 mL and 20 mL vial (IV infusion) powder, 50 mg vial (IV infusion)
Oxcarbazepine	Oral: 300 mg and 600 mg tablet 60 mg/mL, 100 mL and 250 mL oral suspension
Oxycodone (as hydrochloride) (A1)	Oral: 5 mg capsule 10 mg, 20 mg, 40 mg and 80 mg tablet/prolonged-release or controlled release tablet Inj: 10 mg/mL, 1 mL and 2 mL ampule for IV infusion
Oxycodone (as hydrochloride) + Naloxone (as hydrochloride)	Oral: 5 mg + 2.5 mg, 10 mg + 5 mg, 20 mg + 10 mg, 40 mg + 20 mg tablet (prolonged-release)
Oxygen	Inhalation: (medicinal gas)
Oxymetazoline (as hydrochloride)	Nasal Drops Solution: 0.025%, 10 mL bottle Nasal Spray: 0.05%, 10 mL and 15 mL bottle
Oxytocin (synthetic) (2)	Inj.: 10 IU/mL, 1 mL ampul (IM, IV)
P	
Paclitaxel (1, 2)	Inj.: 6 mg/mL, 5 mL, 16.7 mL, 17 mL, 25 mL and 43.4 mL vial (IV, IV infusion)
Paliperidone	Inj: 50 mg/0.5 mL, 75 mg/0.75 mL, 100 mg/mL and 150 mg/1.5 mL prolonged release suspension for injection (IM)
Pancuronium (as bromide) (1)	Inj.: 2 mg/mL, 2 mL ampul (IM, IV)
Para-aminosalicylic acid	Sachet: 4 gram enteric coated delayed release granules in sachet
Paracetamol	Oral: 300 mg and 500 mg tablet 100 mg/mL drops, 15 mL (alcohol-free) 120 mg/5 mL (125 mg/5 mL) syrup/suspension, 30 mL, 60 mL and 120 mL (alcohol-free)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	<p>250 mg/5 mL syrup/suspension, 30 mL, 60 mL and 120 mL (alcohol-free)</p> <p>Inj: 150 mg/mL, 2mL ampule solution for injection (IM/IV) 10 mg/mL, 50 mL and 100 mL vial solution for infusion (IV)</p> <p>Rectal: 125 mg and 250 mg suppository</p>
Peginterferon Alfa 2A (1, 2)	Inj.: 135 micrograms/0.5 mL pre-filled syringe (SC)
Penicillin G Benzathine (benzathine benzylpenicillin)	Inj.: 1,200,000 units vial (MR) (IM)
Penicillin G Crystalline (benzylpenicillin) (as sodium salt) (1, 2)	Inj.: 1,000,000 units vial (IM, IV) 5,000,000 units vial (IM, IV)
Peritoneal Dialysis Solution	<p>Solution:</p> <p>Sterile with 1.5%, 2.3 % and 4.25% dextrose, 2 L and 5 L bottle/bag</p> <p>Content per liter:</p> <p>Glucose Monohydrate – 16.5 g (equivalent to 15.0 g glucose)</p> <p>Fructose – up to 0.75 g</p> <p>Sodium chloride – 5.786 g</p> <p>Sodium (S) – lactate solution (equivalent to 3.925 g sodium (S) – lactate) – 7.85 g</p> <p>Calcium chloride dihydrate – 183.8 mg</p> <p>Magnesium chloride hexahydrate – 101.7 mg</p>
Permethrin	<p>Lotion: 1%, 125 mL bottle 5%, 30 mL and 60 mL bottle</p> <p>Shampoo (Crema Rinse): 1%, 30 mL and 60 mL bottle</p>
Pethidine (meperidine) (as hydrochloride) (A1)	Inj.: 50 mg/mL, 2 mL ampul (IM, IV, SC)
Petrolatum/ petroleum	Jelly: USP grade, 25 g, 100 g and 200 g jar
Phenobarbital (A1)	<p>Oral: 15 mg, 30 mg, 60 mg and 90 mg tablet</p> <p>Inj.: 120 mg/mL (130 mg/mL), 1 mL ampul (IM, IV) (as sodium salt)</p>
Phenoxyethyl Penicillin (penicillin V) (as potassium salt)	Oral: 250 mg and 500 mg tablet/capsule 250 mg/5 mL granules/powder for syrup/suspension, 60 mL
Phenylephrine (as hydrochloride)	Eye Drops Solution: 2.5%, 5 mL bottle
Phenytoin (as sodium salt)	Oral: 100 mg capsule (B) 30 mg/5 mL suspension, 120 mL

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	125 mg/ 5mL suspension, 120mL Inj.: 50 mg/mL, 2 mL and 5 mL ampul (IV) (1)
Phospholipid fraction from bovine lung	Inj.: 45 mg/mL (54 mg/1.2 mL) lyophilized powder for suspension (intratracheal administration)
Physostigmine (as salicylate) (1, 2)	Inj.: 1 mg/mL, 2 mL ampul (IM, IV)
Phytomenadione (phytonadione, vitamin K1)	Oral/Inj.: 2 mg/0.2 mL pediatric ampul (IM, IV, PO) (as mixed micelle) Inj.: 10 mg/mL, 1 mL ampul (IM, IV, SC) (as aqueous colloidal solution with benzyl alcohol) 10 mg/mL, 1 mL ampul (IM, IV, SC) (as mixed micelle)
Pilocarpine (as hydrochloride)	Eye Drops Solution: 1%, 10 mL and 15 mL bottle 2%, 10 mL and 15 mL bottle
Piperacillin + Tazobactam (as sodium salt)	Inj.: 2 g piperacillin + 250 mg tazobactam per vial (IV infusion) 4 g piperacillin + 500 mg tazobactam per vial (IV infusion)
Pneumococcal Conjugate Vaccine	Inj.: 7- valent suspension, pre-filled syringe (IM) 13 - valent, 0.5 mL single dose vial and 0.5 mL pre-filled syringe, suspension for IM injection
Pneumococcal Polyvalent Vaccine	Inj.: 25 micrograms/0.5 mL (polysaccharide from each capsular type) solution for injection, 0.5 mL pre-filled syringe or single dose vial (IM, SC) 25 micrograms/0.5 mL solution for injection, 2.5 mL vial (IM, SC) (multidose)
Poractant alfa	Inj.: 80mg/mL sterile suspension (intratracheal/intrabronchial), 1.5 mL and 3 mL vial
Potassium (as citrate)	Oral: 10 mEq tablet
Potassium Chloride	Oral: 600 mg tablet 750 mg durules (as chloride) equiv. to approximately 10 mEq potassium 1 mmol/mL syrup, 30 mL and 60 mL (as chloride) Inj.: 2 mEq/mL, 2 mL and 5 mL ampul (IV infusion) 2 mEq/mL, 10 mL and 20 mL vial (IV infusion)
Potassium Phosphate	Inj.: 224 mg monobasic potassium phosphate equiv. to 3 mmol phosphorus and 4.4 mEq K/236 mg dibasic potassium phosphate anhydrous per mL in 5 mL vial (IV)
Povidone Iodine	Oral Antiseptic: 1%, 60 mL, 120 mL and 240 mL bottle

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Ointment: 10%, 5 g, 15 g and 30 g tube Paint: 10%, 10 mL bottle Solution: 10%, 15 mL, 30 mL, 60 mL, 120 mL, 1 L and 1 gallon bottle Surgical Skin Cleanser: 7.5%, 60 mL, 120 mL, 480 mL, 1 L and 1 gallon bottle
Pralidoxime Chloride (1, 2)	Inj.: 50 mg/mL, 20 mL vial (IV)
Praziquantel (B)	Oral: 600 mg tablet (available under DOH program)
Prednisolone	Oral: 15 mg/5 mL syrup, 60 mL (as sodium phosphate) Eye Drops Suspension: 0.5% and 1%, 5 mL bottle (as acetate)
Prednisone	Oral: 5 mg, 10 mg and 20 mg tablet 10 mg/5 mL suspension, 60 mL
Primaquine (as diphosphate)	Oral: 26.3 mg (15 mg base) tablet
Propofol (1)	Inj.: 10 mg/mL, 20 mL ampul (IV) 10 mg/mL, 50 mL pre-filled syringe (IV) 10 mg/mL, 20 mL and 50 mL vial (IV)
Propranolol (as hydrochloride)	Oral: 10 mg and 40 mg tablet
Propylthiouracil	Oral: 50 mg tablet
Protamine Sulfate (1, 2)	Inj.: 10 mg/mL, 5 mL and 25 mL ampul (IV)
Prothionamide	Oral: 250 mg film coated tablet
Proxymetacaine (proparacaine) (as hydrochloride)	Eye Drops Solution: 0.5%, 5 mL and 15 mL bottle
Pyrazinamide	Oral: 500 mg tablet 250 mg/5 mL and 500 mg/ 5mL suspension, 120 mL
Pyridostigmine (as bromide) (1, 2)	Oral: 60 mg tablet
Pyridoxine (vitamin B6) (as hydrochloride) (1, 2)	Oral: 100 mg tablet
Pyrimethamine (B)	Oral: 25 mg and 75 mg tablet
Q	
Quetiapine (as fumarate)	Oral: 25 mg, 100 mg, 200 mg and 300 mg tablet
Quinine	Oral: 325 mg (300 mg base) tablet (as sulfate) Inj.: 300 mg/mL, 1 mL ampul (IV) (as dihydrochloride) 250 mg/mL, 1 mL ampul (IV) (as dihydrochloride)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
R	
Rabeprazole sodium	Oral: 10 mg and 20 mg tablets
Rabies Immunoglobulin (human)	Inj.: 150 IU/mL, 2 mL and 5 mL vial (IM) 150 IU/mL, 2mL, 5 mL and 10 mL ampul (IM)
Rabies vaccine, Chick Embryo Cell (purified, inactivated)	Inj.: lyophilized powder, 2.5 IU/mL, 1 dose vial + 1 mL diluent (ID, IM)
Rabies vaccine, Vero Cell (purified)	Inj.: lyophilized powder, 2.5 IU/ 0.5 mL, vial + diluent (ID, IM) 2.5 IU/mL suspension, 1 mL vial (IM)
Ranitidine (as hydrochloride)	Oral: 150 mg and 300 mg tablet 75 mg/5 mL syrup, 60 mL and 150 mL Inj.: 25 mg/mL, 2 mL ampul/vial (IM, IV, IV infusion)
Regular, Insulin (recombinant DNA human)	Inj.: 100 IU/mL, 3 mL pre-filled syringe (SC, IV/IM) 100 IU/mL, 5 mL and 10 mL vial (SC, IV/IM)
Remifentanil	Inj.: 1 mg and 2 mg (in vial) lyophilized powder (IV Infusion)
Retinol (vitamin A) (as palmitate) (2)	Oral: 10,000 IU, 25,000 IU and 50,000 IU soft gel capsule 100,000 IU and 200,000 IU soft gel capsule with nipple (only for DOH program) (B)
Ribavirin	Oral: 200 mg, 500 mg and 600 mg tablet
Rifabutin	Oral: 150 mg capsule (for HIV/AIDS patient on concomitant protease inhibitor therapy, in lieu of rifampicin)
Rifampicin	Oral: 300 mg, 450 mg and 600 mg tablet/capsule (B) 200 mg/5 mL suspension, 120 mL
Rifaximin	Oral: 200 mg tablet
Rilpivirine (as hydrochloride)	Oral: 25 mg tablet
Risperidone	Oral: 1 mg, 2 mg, 3 mg and 4 mg tablet 1 mg and 2 mg orodispersible tablet 1 mg/mL oral solution, 100 mL Inj.: 25 mg and 37.5 mg MR powder for suspension, vial + 2 mL diluent in pre-filled syringe (IM) 50 mg prolonged-release powder for suspension for injection (IM) with 2 mL diluent (<i>This should not be administered to patients with dementia-related psychoses because of high risk of cardiovascular and infectious-related deaths.</i>)
Rituximab (1, 2)	Inj.: 10 mg/mL, 10 mL and 50 mL vial (IV)
Rivastigmine (as hydrogen tartrate)	Oral: 1.5 mg, 3 mg, and 6 mg capsule
Rocuronium (as bromide) (1)	Inj.: 10 mg/mL, 5 mL ampul/vial (IV)
Ropivacaine (as hydrochloride)	Inj.: 10 mg/mL, 10 mL ampul (IV)

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Rosuvastatin (as calcium salt)	Oral: 10 mg and 20 mg tablet
S	
Sacubitril/Valsartan	Oral: 50 mg, 100 mg and 200 mg tablet (Restricted for patients with symptomatic heart failure with reduced ejection fraction (HF-rEF) and for those who have been on stable doses of angiotensin-converting enzyme (ACE) inhibitors and/or angiotensin receptor blockers (ARBs) but remain symptomatic.)
Salbutamol (as sulfate)	Oral: 2 mg/5 mL syrup, 60 mL Inhalation: Dry Powder Inhaler (DPI): 200 micrograms/dose with appropriate accompanying dispenser Metered Dose Inhaler (MDI): 100 micrograms/dose x 200 actuations Breath Actuated MDI: 100 micrograms/dose x 200 actuations Resp. Soln.: (for nebulization) 1 mg/mL, 2.5 mL (unit dose) 2 mg/mL, 2.5 mL (unit dose)
Salicylic Acid	Solution: 5%, 30 mL and 60 mL bottle
Sambong [<i>Blumea balsamifera</i> (L) DC (Fam. Compositae)] ●	Oral: 500 mg tablet
Selegiline (as hydrochloride)	Oral: 5 mg tablet
Selenium Sulfide	Lotion: 2.5%, 100 mL bottle
Sertraline (as hydrochloride)	Oral: 50 mg tablet
Sevelamer carbonate	Oral: 800 mg tablet 800 mg powder for suspension
Sevoflurane (1)	Inhalation: 250 mL bottle
Silver Sulfadiazine	Cream: 1%, 15 g and 25 g tube 500 g jar (micronized)
Simvastatin (1)	Oral: 20 mg and 40 mg tablet
Sirolimus (1, 2)	Oral: 0.5 mg and 1 mg tablet
Sodium Bicarbonate	Oral: 325 mg and 650 mg tablet Inj.: 1 mEq/mL, 10 mL vial (pediatric), 20 mL, 50 mL and 100 mL ampul/vial (adult) (IV infusion)
Sodium Calcium Edetate (1, 2)	Inj.: 200 mg/mL, 5 mL ampul (IM)
Sodium Chloride	Inj.: 2.5 mEq/mL, 20 mL and 50 mL vial

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
0.9% Sodium Chloride	<p>Inj.: 2 mL, 2.5 mL, 5 mL, 10 mL and 20 mL ampul 50 mL, 100 mL, 200 mL, 500 mL and 1 L bottle/bag (IV infusion)</p> <p>Solution: 1 L bottle solution for irrigation</p> <p>Composition: Na⁺ – 154 mmol/L Cl⁻ – 154 mmol/L</p>
Sodium Dichloroisocyanurate (to be used for water purification)	<p>Solution: 3.5 mg tablet (2 mg free available chlorine) 8.68 mg tablet (5 mg free available chlorine) 12.5 mg tablet (8 mg free available chlorine) 17 mg tablet (10 mg free available chlorine) 67 mg tablet (40 mg free available chlorine)</p>
Sodium Hyaluronate	<p>Ophthalmic Solution: 0.1% (1 mg/mL), 5 mL bottle</p>
Sodium Hypochlorite	<p>Solution: 1.25% available chlorine for water purification</p>
Sodium Iodide ¹³¹¹ (1, 2)	<p>Oral: capsule with radioactivity range of 0.8 to 100 mCi per capsule capsule with radioactivity range of 1.0 to 250 mCi per capsule solution with radioactivity range of 3.5 to 150 mCi per vial</p>
Sodium Nitrite (1, 2)	<p>Inj.: powder, USP grade</p>
Sodium Nitroprusside (1, 2)	<p>Inj.: 50 mg powder ampul (IV infusion)</p>
Sodium Sulfate	<p>Oral: powder, USP grade</p>
Sodium Thiosulfate (1, 2)	<p>Inj.: 250 mg/mL, 50 mL ampul (IV) Solution: 2.5% and 5%</p>
Sodium Valproate	<p>Oral: 200 mg / 5 mL syrup, 100 mL bottle</p>
Sodium Valproate + Valproic Acid	<p>Oral: 500 mg (333 mg sodium valproate + 145 mg valproic acid) controlled release tablet</p>
Sofosbuvir	<p>Oral: 400 mg tablet</p>
Sofosbuvir + ledipasvir	<p>Oral: 400 mg + 90 mg tablet</p>
Sofosbuvir + velpatasvir	<p>Oral: 400 mg + 100 mg tablet</p>
Somatostatin (1, 2)	<p>Inj.: 250 microgram and 3 mg ampul/vial (IV, IV infusion)</p>
Soya bean oil + Medium chain triglycerides + Olive oil + Purified fish oil	<p>Inj.: 20 mg/mL (20%) emulsion for IV infusion, 250 mL</p>
Spectinomycin (2)	<p>Inj.: 2 g vial (IM)</p>
Spironolactone (K-sparer) (2, B)	<p>Oral: 25 mg, 50 mg and 100 mg tablet</p>
Standard Senna Concentrate	<p>Oral: 187 mg and 374 mg tablet</p>
Sterile Water for Injection	<p>Inj.: 2 mL, 5 mL, 10 mL and 20 mL ampul</p>

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	50 mL, 100 mL, 500 mL and 1 L bottle/bag (no preservative)
Streptokinase (1, 2)	Inj.: powder, 1,500,000 IU vial (IV infusion)
Streptomycin (as sulfate)	Inj.: 1 g vial (IM)
Succimer (dimercapto succinic acid, DMSA) (1, 2)	Oral: 100 mg and 200 mg capsule
Sucralfate	Oral: 1 g tablet
Sugammadex	Inj.: 100 mg/mL solution for injection (IV), 2 mL vial
Sulfacetamide + Prednisolone	Eye Drops Suspension: 10% sulfacetamide + 0.25% prednisolone (as acetate), 5 mL bottle
Sulfamethoxazole + Trimethoprim (see Cotrimoxazole)	
Sulfur	Cream: 2%, 10 g plastic tube Ointment: 10%, 15 g and 30 g aluminum collapsible tube
Sumatriptan	Oral: 50 mg tablet
Suxamethonium (succinylcholine) (as chloride) (1)	Inj.: 20 mg/mL, 10 mL vial (IV)
T	
Tacrolimus (1, 2)	Oral: 1 mg and 5 mg capsule 1 mg and 5 mg slow-release capsules
Tafluprost	Ophthalmic solution: 15 mcg/mL, 0.3 mL bottle single dose ophthalmic solution
Tamoxifen (as citrate) (1, 2)	Oral: 10 mg and 20 mg tablet
Tamsulosin	Oral: 200 micrograms capsule (as hydrochloride) 200 mcg orally disintegrating tablet 400 mcg prolonged release film coated tablet
Tegafur + Uracil (1, 2)	Oral: 100 mg + 224 mg capsule
Telmisartan	Oral: 40 mg and 80 mg tablet
Telmisartan + Hydrochlorothiazide	Oral: 40 mg + 12.5 mg tablet
Tenofovir alafenamide fumarate	Oral: 25 mg tablet
Tenofovir disoproxil fumarate	Oral: 300 mg tablet
Terazosin (as hydrochloride)	Oral: 1 mg, 2 mg and 5 mg tablet
Terbinafine	Oral: 250 mg tablet Cream: 1%, 3 g, 5 g, 10 g and 15 g tube (as hydrochloride)
Terbutaline (as sulfate)	Oral: 5 mg tablet 1.5 mg/5 mL syrup, 60 mL

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Inj.: 500 micrograms/mL, 1 mL ampul (IM, IV, SC) Inhalation: Resp. Soln.: (for nebulization) 2.5 mg/mL, 2 mL unit dose
Testosterone (as undecanoate) (1)	Inj.: 250 mg/mL solution for injection, 4 mL
Tetanus Immunoglobulin (human)	Inj.: 1000 IU/mL, 1.5 mL vial (IM) 1500 IU/mL, 1 mL ampul (IM) 250 IU/mL, 1 mL, 2 mL and 4 mL ampul (IM) 250 IU/mL, 1 mL pre-filled syringe (IM) 250 units/mL, 1 mL and 2 mL vial (IM)
Tetanus Toxoid	Inj.: 0.5 mL ampul (IM) 10 mL vial (IM)
Tetracaine	Inj.: 20 mg ampul (sterile powder) (spinal) (as hydrochloride)
Tetracycline	Oral: 250 mg and 500 mg capsule
Theophylline (anhydrous)	Oral: 150 mg and 200 mg tablet (B) 200 mg MR tablet 25 mg/5 mL (26.7 mg/5 mL) syrup, 100 mL
Thiamine (Vitamin B1)	Oral: 100 mg and 300 mg tablet (as hydrochloride) Inj.: 100 mg/mL, 1 mL ampul/vial (IV) 100 mg/mL, 10 mL vial (as hydrochloride) (IM, IV)
Thiopental Sodium (1, A1)	Inj.: 500 mg vial (IV) 1 g vial + 50 mL diluent (IV)
Timolol (as maleate)	Eye Drops Solution: 0.5%, 5 mL bottle
Tinzaparin (as sodium) (1, 2)	Inj.: 10,000 anti-Xa IU/mL, 0.35 mL and 0.45 mL pre-filled syringe (SC) 10,000 anti-Xa IU/mL, 2 mL vial (SC)
Tiotropium (as bromide)	Inhalation: DPI: 18 micrograms/dose with appropriate accompanying dispenser
Tobramycin	Eye Drops Solution: 0.3%, 5 mL bottle Eye Ointment: 0.3%, 3.5 g tube
Tobramycin + Dexamethasone	Eye Drops Suspension: 0.3% + 0.1%, 5 mL bottle Eye Ointment: 0.3% + 0.1%, 3.5 g tube
Tolvaptan	Oral: 15 mg tablet
Topiramate	Oral: 25 mg, 50 mg and 100 mg tablet
Trace Elements	Inj.: contains Zn, Cu, Mn, Mg, Mb etc., 10 mL ampul (IV nutrition)
Tramadol (as hydrochloride) (1)	Oral: 50 mg capsule 50 mg dispersible tablet 100 mg, 150 mg and 200 mg MR tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
	Inj.: 50 mg/mL, 1 mL and 2 mL ampul (IM, IV, SC)
Tranexamic Acid	Oral: 250 mg and 500 mg capsule 500 mg tablet Inj.: 100 mg/mL, 2.5 mL and 5 mL ampul (IM, IV)
Trastuzumab (1, 2)	Inj.: 150 mg lyophilized powder (IV infusion) 600 mg/5 mL (120 mg/mL) solution for injection (SC), 5 mL vial
Travoprost	Ophthalmic Solution: 0.004%, 2.5 mL bottle
Triclabendazole	Oral: 250 mg tablet
Trimetazidine (as hydrochloride)	Oral: 35 mg tablet
Tropicamide	Eye Drops Solution: 0.5%, 5 mL bottle
Tropicamide + phenylephrine hydrochloride	Ophthalmic Solution: 5 mg + 5 mg/mL (eye drops) fixed dose combination, 10 mL bottle
Tsaang Gubat • [<i>Carmona retusa</i> (Vahl) Masam (Fam. <i>Boraginaceae</i>)]	Oral: 250 mg tablet
Tuberculin, Purified Protein Derivative (PPD)	Inj.: 2 TU/0.1 mL solution, 1 mL and 5 mL vial (ID) 5 TU/0.1 mL, freeze-dried powder, vial + 2 mL diluent ampul (ID)
Typhoid Vaccine	Oral: live attenuated <i>S. typhi</i> (not less than 109) viable strain, enteric coated tablet (encapsulated) Inj.: Vi-capsular polysaccharide <i>S. typhi</i> 25 micrograms in 0.5 mL pre-filled syringe (IM)
U	
Ursodeoxycholic Acid	Oral: 250 mg capsule 250 mg and 500 mg tablet
V	
Valaciclovir (as hydrochloride)	Oral: 500 mg tablet
Valganciclovir	Oral: 450 mg tablet
Valproic Acid	Oral: 250 mg/5 mL syrup, 120 mL Inj: 500 mg/ 5mL IV infusion, 5 mL vial
Valsartan	Oral: 80 mg and 160 mg tablet/film coated tablet
Valsartan + Hydrochlorothiazide	Oral: 80 mg valsartan + 12.5 mg hydrochlorothiazide tablet
Vancomycin (as hydrochloride) * Restricted Antimicrobial	Inj.: 500 mg and 1 g vial (IV)
Varenicline	Oral: 0.5 mg and 1 mg tablet

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Varicella Zoster Immunoglobulin (VZIG)	Inj.: 125 units/1.25 mL vial (IM)
Vecuronium (as bromide) (1)	Inj.: freeze-dried powder, 4 mg/mL ampul + 1 mL solvent (IV)
Verapamil (as hydrochloride)	Oral: 80 mg tablet (B) 240 mg MR tablet (for maintenance therapy) Inj.: 2.5 mg/mL, 2 mL ampul (IV) (1, 2)
Vinblastine (as sulfate) (1, 2)	Inj.: powder, 10 mg vial for reconstitution (IV) 1 mg/mL, 10 mL vial (IV)
Vincristine (as sulfate) (1, 2)	Inj.: 1 mg/mL, 1 mL and 2 mL vial (IV)
Vitamin A (see Retinol)	
Vitamin B1 B6 B12	Oral: 100 mg B1 + 5 mg B6 + 50 microgram B12 per tablet/capsule 10 mg B1 + 5 mg B6 + 5 micrograms B12 per 0.6 mL drops, 15 mL Inj.: 100 mg B1 + 100 mg B6 + 1 mg B12 per 3 mL ampul (IV) 100 mg B1 + 100 mg B6 + 1 mg B12 per mL, 10 mL vial (IV)
Vitamin B6 (see Pyridoxine)	
Vitamin C (see Ascorbic Acid)	
Vitamin Intravenous, Fat-Soluble	Inj.: contains vitamins A, D, E and K, 10 mL ampul (IV)
Vitamin Intravenous, Water-Soluble	Inj.: contains vitamin B complex and vitamin C, 1 mL vial and 2 mL ampul (IV)
Vitamin K1 (see Phytomenadione)	
Voriconazole	Oral: 200 mg film-coated tablet Inj.: 200mg lyophilized powder for solution for IV infusion, 30mL Vial * <i>Restricted Antimicrobial</i>
W	
Warfarin (as sodium salt) (1, 2)	Oral: 1 mg, 2.5 mg and 5 mg tablet
Y	
Yellow Fever Vaccine	Inj.: 1000 DL 50 mouse min (attenuated) vial + 0.5 mL solvent syringe (IM, SC) (For Bureau of Quarantine Use Only)
Z	
Zidovudine	Oral: 100 mg capsule 300mg tablet 50mg/5mL suspension, 240mL per bottle

Active Ingredient	Route of Administration Pharmaceutical Forms and Strengths
Zinc	Oral: chewable tablet, (equiv. to 10 mg elemental zinc) (as gluconate) tablet, (equiv. to 30 mg elemental zinc) (as gluconate trihydrate) 88mg dispersible tablet (equivalent to 20mg zinc) (as sulfate) solution, (equiv. to 10 mg elemental zinc/mL) drops, 15 mL, (as sulfate monohydrate) solution, (equiv. to 20 mg elemental zinc/5 mL) syrup, 60 mL (as sulfate monohydrate) 70 mg/5 mL syrup (equivalent to 10 mg elemental zinc), 60 mL and 120 mL (as gluconate)
Zolmitriptan	Oral: 2.5 mg tablet
Zolpidem (A1)	Oral: 10 10 mg tablet

FREQUENTLY ASKED QUESTIONS (FAQS)

1. What is the Philippine National Formulary (PNF)?
 - It contains the list of essential medicines that can be procured by the government. It also serves as the basis for Philhealth reimbursement for both public and private health facilities.
2. Who can apply medicines for inclusion in the PNF?
 - Only the following proponents can apply in the PNF:
 - A. Pharmacy and Therapeutics Committee (PTC) of both public and private hospitals
 - B. Professional medical societies recognized by the Philippine Medical Association (PMA)
 - C. Patient groups
 - D. National Health Programs (DOH Offices, Philhealth)
 - E. Formulary Executive Council
 - F. National Antibiotic Guidelines Committee
3. How to apply for inclusion of medicines in the PNF?
 - Applications for inclusion shall only be accepted within the month of January of each year.
 - The proponent shall completely accomplish the PNF form for inclusion, which shall be signed by the:
 - A. PTC Chair for hospitals
 - B. President for professional medical societies and patient organization
 - C. Head of Office for National Health Programs
 - The form maybe downloaded from the Pharmaceutical Division website, www.pharmadiv.doh.gov.ph
 - Application may also be done online through: <http://www.pnf.doh.gov.ph>
 - The PNF secretariat shall check the completeness of submission before it will be presented to the Formulary Executive Council. Incomplete submissions will not be processed and will be returned to the proponent.
4. How to procure non-PNF medicines that are urgently needed?
 - This can be done through application for exemption from Executive Order No. 49 s. 1993 (*Directing the Mandatory Use of the Philippine National Drug Formulary (PNDF) Volume I as the Basis for Procurement of Drug Products by the Government*). The health facility shall completely accomplish the PNF form for exemption, which shall be signed by the:
 - A. PTC Chair for hospitals
 - B. Head of Office for National Health Programs
 - The form maybe downloaded from the Pharmaceutical Division website, www.pharmadiv.doh.gov.ph
 - The PNF secretariat shall check the completeness of submission before it will be presented to the Formulary Executive Council. Incomplete submissions will not be processed and will be returned to the proponent.
5. If an exemption is granted to a certain medicine, will this be applicable to all health facilities?
 - Only the requesting health facility shall be allowed to procure the exempted medicine. A certificate of exemption with a validity of one (1) year shall be issued to the proponent.
6. How do I get updates on the PNF?
 - Please visit the website of the Pharmaceutical Division, www.pharmadiv.doh.gov.ph, for the updated list of PNF medicines.
 - You may also directly contact the PNF secretariat and look for Ms. Joyce Anne Ceria-Pereña or Ms. Johanna Mallari through the following:
 - A. Email address: pnf.doh@gmail.com / pndfs.secretariat@gmail.com
 - B. Telephone number: 875-7734 ext. 253

RESTRICTED ANTIMICROBIALS

Medicine	Dosage Forms/Strengths
Cefepime	500 mg, 1 g and 2 g vial (as hydrochloride)
Ertapenem	1 g powder, vial (as sodium salt)
Meropenem	500 mg and 1 g powder, vial (as trihydrate)
Vancomycin	500 mg and 1 g vial (as hydrochloride)
Amphotericin B	50 mg and 100 mg vial (IV infusion) (as cholesteryl complex, colloidal suspension) (lipid complex)
	50 mg lyophilized powder, vial (IV infusion) (as deoxycholate) (non-lipid complex)
Voriconazole	200 mg lyophilized powder for solution for IV infusion, 30 mL vial
Colistin	2000000 IU lyophilized powder for injection (IV infusion)
Micafungin	50 mg lyophilized powder for infusion (IV)
Aztreonam	1 g powder for injection
Linezolid	600 mg tablet/film-coated tablet
	2 mg/mL (600 mg/300 mL), solution for infusion (IV)

