



ISLAMIC REPUBLIC OF AFGHANISTAN  
MINISTRY OF PUBLIC HEALTH  
GENERAL DIRECTORATE OF PHARMACEUTICAL AFFAIRS  
AVICENNA PHARMACEUTICAL INSTITUTE

# National Licensed Medicine List of Afghanistan

## Preface

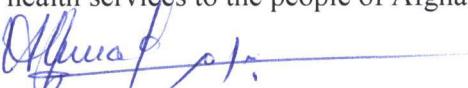
With thanks to God for enabling us, we present this revision of the national essential medicines list (EML) and the licensed medicines list (LML) of Afghanistan. These documents are critical to the delivery of quality health services across the country. The policy of the Ministry of Public Health (MoPH) of the Islamic Republic of Afghanistan includes ensuring that the population of Afghanistan has access to safe, effective, and affordable medicines to treat its primary health problems. The EML includes the medicines needed for adequately addressing the priority health problems defined in the MoPH's health strategy. The LML includes the medicines listed in the EML and additional medicines for conditions not included as priorities in the present strategy and medicines used in private sector.

The MoPH developed and published the national EML and LML of Afghanistan for the first time in 1995 and 2003; the last revision and publication occurred in 2007. The EML and LML should be revised regularly in response to the rapid expansion of basic health services in Afghanistan since 2002, the changing of internationally and nationally recommended treatment protocols for some diseases, the presence of new and emergent diseases, and the withdrawal of some toxic medicines from treatment guidelines.

To revise the EML and LML, the MoPH authorized the National Medicine Selection Committee (NMSC) to develop a detailed procedure for inclusion or exclusion of medicines from the 2007 lists. The database for tracking updates and edits was also revised and all new information entered in database. These procedures facilitated the mechanism of including new medicines in the EML or LML using logical and comprehensive methods. This procedure conforms to a specific format, guaranteeing the inclusion of new medicines in a scientific and transparent way.

I would like to express my appreciation to the members of the NMSC who oversaw and managed the complicated process of updating the lists. The MoPH is also grateful to the many Afghan and international organizations and individuals who provided assistance and support in the process. We are especially grateful for the sustained technical and financial assistance of the US Agency for International Development (USAID), through the Strengthening Pharmaceutical Systems (SPS) project in Afghanistan, and to the World Health Organization (WHO) Eastern Mediterranean Regional Office, which facilitated the successful revision, publication, and distribution of the updated EML and LML of Afghanistan.

The MoPH warmly recommends that its partners in the public health sector and those in the private sector dealing with pharmaceuticals, involved in the production, importation, or distribution of medicines use the LML as an official reference. The use of these two lists will benefit all those working with pharmaceuticals in Afghanistan and will improve their collaboration with the MoPH as it strives to provide health services to the people of Afghanistan.

Dr. Suraya "Dalil"   
Minister of Public Health, Kabul Afghanistan July 2014

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World Health Organization, Eastern Mediterranean Regional Office  
Strengthening Pharmaceutical Systems Project funded by USAID

## Abbreviations and Acronyms

|          |   |
|----------|---|
| ADHD     | attention deficit hyperactivity disorder                        |
| API      | Avicenna Pharmaceutical Institute                               |
| ATC      | Anatomical Therapeutic Chemical                                 |
| BCG      | bacillus Calmette-Guérin (TB vaccine)                           |
| BPHS     | basic package of health services                                |
| CSL      | controlled substance list                                       |
| EML      | essential medicines list  |
| EPHS     | essential package of hospital services                          |
| EPI      | Expanded Programme on Immunization [WHO]                        |
| g        | gram  |
| GCMU     | Grant and Contract Management Unit                              |
| GDPA     | General Directorate of Pharmaceutical Affairs                   |
| HepB     | hepatitis B vaccine   |
| Hib      | <i>Haemophilus influenza</i> type B vaccine                     |
| HIV/AIDS | human immunodeficiency virus/acquired immunodeficiency syndrome |
| IMCI     | Integrated Management of Childhood Illness [WHO]                |
| INN      | international nonproprietary name                               |
| IU       | international units   |
| I.V.     | intravenous   |
| L        | liter   |
| LML      | licensed medicines list   |
| mcg      | microgram   |
| mEq      | milliequivalent   |
| mg       | milligram   |
| ml       | milliliter  |
| MLEM     | Model List of Essential Medicines [WHO]                         |
| mmol     | millimole   |
| MoPH     | Ministry of Public Health                                       |
| mOsm     | milliosmole   |
| MSH      | Management Sciences for Health                                  |
| MU       | million units   |
| NGO      | nongovernmental organization                                    |
| NMSC     | National Medicine Selection Committee                           |
| ORS      | oral rehydration salts  |
| Osm      | osmole  |
| OTC      | over the counter  |
| pce      | piece   |
| REACH    | Rural Expansion of Afghanistan's Community-Based Health Care    |
| SPS      | Strengthening Pharmaceutical Systems                            |
| STG      | standard treatment guideline                                    |
| TB       | tuberculosis  |

|       |  |
|-------|--|
| TSC   | technical selection committee                      |
| USAID | United States Agency for International Development |
| USP   | United States Pharmacopeia                         |
| vit   | vitamin  |
| WHO   | World Health Organization                          |

## Introduction

### Short History

In 1995, the Ministry of Public Health (MoPH) first published a national essential drugs list (now called the EML) with the collaboration of the World Health Organization (WHO). In 2003, the EML, which contained 255 items, was republished in collaboration with the US Agency for International Development (USAID)-funded Rural Expansion of Afghanistan's Community-Based Health Care (REACH) project and WHO. In 2005, an licensed medicines list (LML) for Afghanistan, which contained 1,270 items of which 480 items related to EML, was published with the financial and technical aid of REACH and WHO. Both lists were revised in 2007 with the collaboration of the USAID-funded Tech-Serve Project and WHO.

The LML contains all medicines that can be imported and sold in Afghanistan under their international nonproprietary names (INNs). The LML contains all the medicines listed in the EML and, hence, contains all the medicines recommended for use in the basic package of health services (BPHS), the essential package of hospital services (EPHS), and the MoPH's national programs. It also contains dispensary products and products used in dentistry. It is used as a guideline by the authorities granting import licenses for medicines used in the public and private sector.

Given the quick development and expansion of the health service delivery system in Afghanistan since 2003, including new treatment protocols and updated WHO recommendations for several diseases, withdrawal of some medicines from treatment protocols due to severe adverse drug reactions, and the emergence of safer substitutes, the need for updating the EML became urgent. The MoPH constituted a National Medicine Selection Committee (NMSC) in 2012, consisting of clinical and pharmaceutical experts from the MoPH, major hospitals, teaching institutes, international agencies, nongovernmental organizations (NGOs), and the private sector. The working group met regularly, and individual committee members took responsibility for the in-depth revision of certain parts of the LML with subcommittees, enlarging the consultative process to an even larger group of experts from the different MoPH task forces, training institutes, NGOs, and international organizations. On October 29, 2013, a draft was presented at a one-day workshop, attended by 112 participants including Deputy Minister of MoPH, provincial health directorates, pharmacy and medical specialists, provincial pharmacy officers, and representatives of NGOs and private sector working in health sector. The draft was scrutinized and finalized through intensive group work.

### Objectives of Update

The main objectives of the review process were to—

- Achieve complete consistency between the BPHS, EPHS, EML, and LML documents based on a rational selection of essential medicines
- Elaborate clear terms of reference for the NMSC, not only for this exercise, but also for revisions in the future
- Define a detailed and transparent review process that can be used for future revisions
- Define detailed and transparent procedures to control possible exceptions to the EML and LML with administrative and budgetary methods. Similar procedures should apply to requests for deletion or addition of a product that is on the EML or LML

## Transparent Review Process of LML

Under the guidance and supervision of the General Directorate of Pharmacy Affairs (GDPA), the NMSC adhered to the following transparent review process in all stages of the revision to allow future reference to the decisions made.

- Both a clear definition of what documents need to be produced by the process (in this case, the EML and LML) and clear procedures for inclusion of new medicines in the lists were provided.
- Working principles were agreed upon, including the management of the review task force and the inclusive consultation of interested parties and stakeholders, without creating a slow and cumbersome process. Realistic deadlines for different stages in the review process were set.
- A list of the reference works that should guide the review process was compiled and included the following:
  - The existing LML
  - The WHO Model List of Essential Medicines (MLEM)—used as the primary guide on efficacy, safety, and quality
  - The Afghan BPHS and EPHS documents
  - Recently updated treatment recommendations from MoPH departments and programs
  - Product lists of recognized international suppliers—a good guide to evaluate availability and cost
  - The British National Formulary; Martindal; PubMed: The Complete Drug Reference; and the PubMed site—when other references failed to provide enough information
- Specific selection criteria for inclusion in the LML were defined and included the following:
  - Medicines listed on the WHO MLEM may be included to ensure efficacy, safety, and quality.
  - All medicines listed in the BPHS and EPHS should be included.
  - Medicines recommended in the standard treatment guidelines (STG) should be included.
  - Included medicines should be available in Afghanistan to ensure access.
  - Included medicines should be available from recognized international suppliers to ensure availability and affordable cost.
  - Medicines already donated by international donors should be included to ensure availability and affordable cost for certain essential medicines.
  - Combinations of active substances should be avoided, except when recommended by WHO.
  - Exclusive presentations corresponding with only one or a very limited number of branded products should be avoided.

## Classifications of Medicines

Most countries classify medicines in therapeutic groups. After considering several options, the TSC decided to adapt the Anatomical Therapeutic Chemical (ATC) classification, which is promoted by the WHO Collaborating Centre for Medicine Statistics Methodology and which is itself adapted from classification system developed by the European Pharmaceutical Market Research Association and the Pharmaceutical Business Intelligence and Research Group.

The classification allows the grouping of medicines in several categories, according to the organ or system on which they act and according to their chemical, pharmacological, and therapeutic properties. Five different levels are used. The medicines are sorted into 14 main groups (first level), with one pharmacological or therapeutic subgroup (second level). The third and fourth levels are chemical, pharmacological, and therapeutic subgroups, and the fifth level is the chemical substance.

The second, third, and fourth levels are often used to identify pharmacological subgroups when that is considered more appropriate than therapeutic or chemical subgroups. For example, ampicillin is classified as follows:

|         |  |
|---------|--|
| J       | Anti-infective for systemic use (main group)               |
| J01     | Antibacterial for systemic use (therapeutic subgroup)      |
| J01C    | Beta-lactam antibacterial, penicillins (chemical subgroup) |
| J01CA   | Penicillins with extended spectrum (chemical subgroup)     |
| J01CA01 | Ampicillin (chemical substance)                            |

Each chemical substance in the LML has its own seven-digit ATC code. The same substance can have more than one ATC code if it is used for different therapeutic purposes. However, the same chemical substance will have the same ATC code if the different administration forms or presentations different forms are used for the same therapeutic purpose. The ATC code is not a unique identifier for each individual medicine included in the LML.

If it exists, the INN is used for the chemical substance. If the INN is not available, either the United States Adopted Name or the British Approved Name or other standard name is chosen.

The ATC classification was chosen for the following reasons:

- It contains defined daily doses for many of the products listed.
- It will facilitate studies on consumption of medicines in Afghanistan.
- It will allow a comparison of studies of Afghanistan's pharmaceutical system with other countries.
- It has an equivalent classification system for herbal medicines and veterinary products.
- It is flexible enough to allow temporary classification of a group of products, until a specific code is found.

The ATC classification is updated regularly by WHO. The MoPH decided to use the January 2012 version and has adapted the system for use in Afghanistan. The adapted ATC is available from the MoPH on request. The MoPH will not update the ATC classification annually, but will most likely do so every five years.

## Procedures for the Inclusion of New Products

The committee drafted detailed instructions for updating and including new products in the LML. The request form and detailed user guides are provided in annex A.

## Computerization

The GDPA will track updates and changes in the LML using a database. Presently the database contains all the generic names of the medicines contained in the LML, including recent deletions. For each medicine, the following information is tracked:

- Classification code based on the WHO ATC classification (January 2012 version)
- INN, strength, and presentation—matching, to the extent possible, the name used in the WHO ATC classification
- Alternate generic name under which the medicine is used in Afghanistan
- Modal international indicator price, if available?
- Modal local indicator price, if available?
- Whether the medicine is—
  - Included in the EML or LML of Afghanistan
  - Used in the BPHS, the EPHS, or both in this presentation and strength

- On the controlled substances list of Afghanistan
- Available without prescription
- Included in a special program of the MoPH (which may entail restrictions on importation and use)
- Included in the WHO MLEM (2013 version)

Tracking the medicines using a database allows for the easy production of customized listings for different purposes and also for the storing historical data on products that are no longer used. This database module has become the core of a more extended database, used by the MoPH to track all registered medicines in Afghanistan.

## Medicine Listings in the LML

The LML contains an ATC listing of chemical substances licensed for use in Afghanistan (see the “Licensed Medicines List Anatomical Therapeutic Chemical Classification” section). Chemical substances are listed with details, indicating only whether they are also used in the EML or a special program of the MoPH. If a substance is used for different therapeutic purposes, that substance will be listed under each corresponding group, with a different ATC code. In the LML, ATC classification items are listed up to the third level only. More detailed classification was deemed needlessly cumbersome.

The “Alphabetical Licensed Medical List” section contains all the individual medicines. This listing contains the name and strength for each active chemical substance. It also indicates the route of administration and the most common unit of administration (e.g., tablet, 5 ml). Some medicines also contain the packing size. The following conventions are used in the alphabetical list:

- In parentheses, the commonly used alternate names are listed (e.g., “aspirin” for “acetylsalicylic acid”).
- Between square brackets ([]), the listing includes the complete ATC code for the medicine, thus facilitating cross-reference to the LML-ATC classification.
- With exclamation mark (!), the listing indicates when the medicine is used in the EML.

The “Controlled Substances List” section contains all the medicines that are on the list of controlled substances of the Ministry of Counter Narcotics. These medicines need a special import license from the Drug Regulatory Committee and need to be stored and tracked separately from the other medicines.

The “Over-the-Counter Medicines List” section contains the medicines that can be bought or sold without a prescription.

The “Dental Items List” and the “Dispensary List” sections each give a summary of items used for those disciplines.

The seven special programs lists contain medicines that are used in special programs run by the MoPH. Some of the medicines are subject to special considerations for distribution and use. Instructions are given for each list.

## Detailed Instructions for Use of the LML

- The LML contains all items allowable for importation and commercialization in the private sector and all chemical therapeutic substances allowable in Afghanistan, listed by INN. For each item identified, many brands exist and may qualify for importation and commercialization in Afghanistan. Each patent name (or brand or specialty or propriety name) needs a certificate before it can be used in Afghanistan. The first condition to obtain such certificate is that the active substance should correspond with an item listed in the LML: INN name, presentation, and strength. Before granting a certificate, the MoPH will further require sufficient proof of adequate quality control measures as under the “WHO Certification Scheme on the Quality of Pharmaceutical Products moving in International Commerce” (i.e., the scheme) and any other required procedures according to the Afghan laws currently in effect. Likewise, individual batches of imported medicines will need sufficient documentation according to the scheme and may be subject to additional quality control testing by the MoPH.
- Several medicines are listed for use only in special programs (e.g., opium tincture for the substance abuse program, antiretroviral medicines for the HIV program, misoprostol for the postpartum hemorrhage program). These medicines can be imported only with special permission from the GDPA and the concerned MoPH program.
- The following presentation forms are interchangeable, meaning that if one is mentioned, the others are allowable as well:
  - Tablets and capsules for oral administration are interchangeable, but retard or sustained-release tablets or capsules are not interchangeable with normal tablets or capsules.
  - Creams, ointments, and gels for topical administration are interchangeable.
  - Solutions, syrups, suspensions, and powders for oral administration are interchangeable, but these forms are not interchangeable with oral tablets or capsules.
  - Solution and powder for injectable solution are interchangeable, but aqueous and oily solutions are not interchangeable. Normal injections and retard, sustained-release, or long-acting injections are not interchangeable.

*Example:* Amoxicillin 250 mg capsule is listed; amoxicillin 250 mg tablet is accepted as well. Bacitracin ointment is listed; bacitracin cream is accepted as well.

*Note:* If an oral form is listed, this inclusion does not mean that a topical or injectable form is accepted.

- If the volume of a bottle or the weight of a container or tube is mentioned, they will often correspond to a full treatment of the most common patient population using that medicine. The explicitly mentioned volume and weight are minimum limits (i.e., smaller containers will not be accepted, but larger containers are acceptable).

*Example:* Co-trimoxazole oral ingestion suspension 50 ml is listed: co-trimoxazole 40 ml is not acceptable; co-trimoxazole 60 ml or 100 ml are acceptable.

- Vitamins are included in a two different sections:
  - Individual vitamins and minerals are listed in the main list, with exact specifications. Most often these preparations are used for therapeutic purposes.
  - Multivitamins with or without minerals are allowable, as long as the concentration of each active substance per unit dose (e.g., tablet, ml, 5 ml) falls within the limits for supplement daily intake listed in the “Reference Table for Vitamins and Minerals Supplements” section (table 3). Everything on this table is not necessarily included in the present version of EML or LML. Most often these preparations are used as dietary supplements.

- Oral rehydration salts (ORS)—The 20.5 g/L solution is recommended by WHO and likewise by the MoPH. See table 1 for solutions.

**Table 1. Composition of ORS 20.5 g/L**

| <b>Powder for Dilution in 1 L</b>        |                  |
|--|------------------|
| 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                       | 1.5 g/L          |
| Trisodium citrate dihydrate <sup>a</sup> | 2.9 g/L          |

<sup>a</sup> Trisodium citrate dihydrate may be replaced by sodium hydrogen carbonate (sodium bicarbonate) 2.5 g/L. Because this latter formulation is quite unstable under tropical conditions, however, it is recommended only when it is manufactured for immediate use.

ORS ReSoMal® is used only for the management of dehydration in severely malnourished children. Its use is, therefore, dedicated only for therapeutic feeding units (see table 2).

**Table 2. Composition of ReSoMal per Liter**

|            |              |
|------------|--------------|
| Glucose    | 125 mmol/L   |
| Sodium     | 45 mmol/L    |
| Potassium  | 40 mmol/L    |
| Chloride   | 70 mmol/L    |
| Magnesium  | 3 mmol/L     |
| Zinc       | 0.3 mmol/L   |
| Copper     | 0.045 mmol/L |
| Citrate    | 7 mmol/L     |
| Osmolarity | 300 mmol/L   |

- All plasma fractions should comply with the WHO Requirements for the Collection, Processing and Quality Control of Blood Components and Plasma Derivatives (revised 1992). (WHO Technical Report Series, no. 840, 1994, annex 2).

## Where to Obtain Copies and Updates of the LML

- Printed copies of this version can be obtained from the MoPH, GDPA, API, Essential Medicine Department in Kabul.
- Copies on CD of updated versions can be obtained at the same address.
- Updated versions will also be available on the websites of the MoPH ([www.moph.gov.af](http://www.moph.gov.af)) and GDPA ([www.gdpa.gov.af](http://www.gdpa.gov.af)).
- For further information please contact at this number: 020-2104659

## Licensed Medicines List Anatomical Therapeutic Chemical Classification

### A—ALIMENTARY TRACT AND METABOLISM

#### A01—Stomatological Preparations

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##### A01A—Stomatological Preparations

Alcohol + benzoic acid + eucalyptol + menthol + methyl salicylate + thymol

Benzydamine → *See: Dental List*

Cetylpyridinium + lidocaine → *See: Dental List*

Chlorhexidine + sodium fluoride → *See: Dental List*

Clotrimazole

Hydrogen peroxide → *See: Dental List*

Lidocaine → *See: Dental List*

Lignocaine + cetylpyridinium chloride + menthol + eucalyptol + ethanol

Nystatin → *See: Dental List*

Phenol + menthol + glycerin + sodium phenolate

Povidone iodine → *See: Dental List*

Sodium fluoride → *See: Dental List*

Sodium hypochlorite → *See: Dental List*

#### A02—Medicines for Acid-Related Disorders

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##### A02A—Antacids

Aluminium hydroxide → **EML!**

Aluminium hydroxide + magnesium hydroxide → **EML!**

Aluminium hydroxide + magnesium hydroxide + oxetacain

Aluminium hydroxide + magnesium hydroxide + simethicone

Aluminium hydroxide + magnesium trisilicate → **EML!**

Calcium carbonate

Calcium carbonate + vit D3

Citric acid + sodium bicarbonate

Magnesium hydroxide

Magnesium trisilicate

##### A02B—Medicines for Peptic Ulcer and Gastroesophageal Reflux Disease (GERD)

Algicnic acid + aluminium hydroxide + magnesium trisilicate + sodium bicarbonate

Bismuth subcitrate

Bismuth subnitrate → *See: Dispensary List*

Cimetidine

Esomeprazole

Famotidine

Lansoprazole

Mosapride

Omeprazole → **EML!**

Omeprazole + amoxicillin + clarithromycin

Pantoprazole

Proglumide

Rabeprazole

Ranitidine → **EML!**

Simethicone (dimethicone + silica gel) activated

Sucralfate

**A03—Medicines for Functional Gastrointestinal Disorders**

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**A03A—Medicines for Functional Bowel Disorders**

Dicyclomine  
 Dicycloverine  
 Drotaverine  
 Isopropamide  
 Mebeverine hydrochloride  
 Papaverine

**A03B—Belladonna and Derivatives, Plain**

Atropine sulfate → **EML!**  
 Hyoscine (butylbromide, hydrobromide) → **EML!**

**A03C—Antispasmodics in Combination with Psycholeptics**

Clidinium bromide + chlordiazepoxide

**A03F—Propulsives**

Cisapride  
 Domperidone  
 Metoclopramide → **EML!**

**A04—Antiemetics and Antinauseants**

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**A04A—Antiemetics and Antinauseants**

Ondansetron HCl

**A05—Bile and Liver Therapy**

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**A05A—Bile Therapy**

Ursodeoxycholic acid

**A05B—Liver Therapy, Lipotropics**

Betaine glucuronate + diethanolamine gluconate + nicotinamide  
 Methionine + choline tartrate + vit B-complex/vit E

**A06—Laxatives**

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**A06A—Laxatives**

Bisacodyl → **EML!**  
 Docusate sodium  
 Ispaghula (psylla seeds)  
 Lactulose → **EML!**  
 Paraffin liquid  
 Senna glycosides  
 Sodium biphosphate + sodium phosphate  
 Sorbitol  
 Sulfolax

**A07—Antidiarrheals, Intestinal Anti-Inflammatory and Anti-Infective Medicines**

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**A07A—Intestinal Anti-Infectives**

Colistin  
 Nystatin → **EML!**  
 Paromomycin sulfate

**A07B—Intestinal Adsorbents**

Activated charcoal → **EML!**  
 Activated charcoal powder → *See: Dispensary List*  
 Attapulgite

Dioctahedral smectite (diosmectite)

Kaolin → See: Dispensary List

Pectin → See: Dispensary List

#### A07C—Electrolytes with Carbohydrates

Oral rehydration salts (ORS) → EML!

Oral rehydration salts (ORS ReSoMal) → EML!

#### A07D—Antipropulsives

Loperamide

#### A07E—Intestinal Anti-Inflammatory Agents

Mesalazine

Sulfasalazine

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### A08—Antiobesity Preparations, excluding Diet Products

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#### A08A—Antiobesity Preparations, excluding Diet Products

Fenfluramine

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### A09—Digestives, including Enzymes

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#### A09A—Digestives, including Enzymes

Amylase + lipase + protease + simethicone

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### A10—Medicines Used in Diabetes

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#### A10A—Insulins and Analogues

Insulin human

Insulin isophane (NPH) intermediate → EML!

Insulin 70% NPH, human isophane suspension, and 30% regular human insulin injection

Insulin soluble fast → EML!

Insulin zinc slow

#### A10B—Blood Glucose Lowering Medicines, excluding Insulins

Acarbose

Chlorpropamide

Glibenclamide → EML!

Gliclazide

Glimepiride

Glipizide

Metformin → EML!

Pioglitazone

Tolbutamide

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### A11—Vitamins

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#### A11A—Multivitamins, Combinations

Multiple micronutrient formulations → EML!

Multivitamins and calcium

Multivitamins and iron

Multivitamins and other minerals, including combinations → EML!

Multivitamins and trace elements → EML!

Multivitamins, other combinations → EML!

#### A11B—Multivitamins, Plain

Multivitamins, plain

#### A11C—Vitamins A and D, including Combinations of the Two

Alfacalcidol

Alfacalcidol + calcium carbonate

Calcitriol

Calcium carbonate + vit D3 + calcium elemental

Calcium phosphate + vit D

Colecalciferol → **EML!**

Colecalciferol + retinol

Retinol → **EML!**

Retinol (oily) → **EML!**

#### **A11D—Vitamin B1, Plain and in Combination with Vitamins B6 and B12**

Thiamine

Vit B1 + vit B6 + vit B12

Vit B1 in combination with vit B6 and/or vit B12

#### **A11E—Vitamin B-Complex, including Combinations**

Vit B-complex with anabolic steroids

Vit B-complex with minerals

Vit B-complex with vitamin C

Vit B-complex, other combinations

Vit B-complex, plain

#### **A11G—Ascorbic Acid (Vitamin C), including Combinations**

Ascorbic acid

Ascorbic acid + calcium carbonate + calcium lactate

#### **A11H—Other Plain Vitamin Preparations**

Calcium pantothenate

Folic acid → **EML!**

Nicotinamide

Pyridoxine → **EML!**

Riboflavin

Tocopherol

#### **A11J—Other Vitamin Products, Combinations**

Retinol + tocopherol

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#### **A12—Mineral Supplements**

##### **A12A—Calcium**

Calcium carbonate

Calcium gluconate → **EML!**

Calcium lactate

##### **A12C—Other Mineral Supplements**

Zinc sulfate → **EML!** → See: Dispensary List

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#### **A14—Anabolic Agents for Systemic Use**

##### **A14A—Anabolic Steroids**

Nandrolone

Oxymetholone

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#### **A16—Other Alimentary Tract and Metabolism Products**

##### **A16A—Other Alimentary Tract and Metabolism Products**

Anethole trithione

Betaine glucuronate + diethanolamine glucuronate + nicotinamide

L-aspartate + L-ornithine

L-ornithine + L-aspartate + riboflavin

Zinc acetate → See: Dispensary List

## B—BLOOD AND BLOOD-FORMING ORGANS

### B01—Antithrombotic Agents

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#### B01A—Antithrombotic Agents

Acetylsalicylic acid → **EML!**

Clopidogrel

Dipyridamole

Enoxaparin → **EML!**

Heparin → **EML!**

Reteplase

Streptokinase

Urokinase

Warfarin

### B02—Antihemorrhagics

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#### B02A—Antifibrinolytics

Aprotinin

Tranexamic acid

#### B02B—Vitamin K and Other Hemostatics

Coagulation factor II, VII, IX, X → **EML!**

Coagulation factor II, VII, X

Coagulation factor IX

Coagulation factor VII recombinant activated coagulation factor VII

Coagulation factor VIII → **EML!**

Phytomenadione → **EML!**

### B03—Antianemic Preparations

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#### B03A—Iron Preparations

Ferric gluconate

Ferrous gluconate

Ferrous sulfate → **EML!**

Ferrous sulfate + folic acid → **EML!**

Ferrous sulfate + vit B12 + ascorbic acid + folic acid

Iron dextran → **EML!**

Iron sorbitol

#### B03B—Vitamin B12 and Folic Acid

Cyanocobalamin

Folic acid (vit B9) → **EML!**

Hydroxocobalamin (vit B12) → **EML!**

Mecobalamin

#### B03X—Other Antianemic Preparations

Erythropoietin alfa

Erythropoietin beta

### B05—Blood Substitutes and Perfusion Solutions

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#### B05A—Blood and Related Products

Albumin (human)

Dextran 70 → **EML!**

Fresh-frozen plasma

Polygeline

**B05B—I.V. Solutions**

Amino acid

Amino acid balanced

Glucose → **EML!**

Glucose + sodium chloride → **EML!**

Mannitol → **EML!**

Ringer's lactate → **EML!**

Sodium chloride → **EML!**

**B05C—Irrigating Solutions**

Disodium hydrogen citrate

Glucose → **EML!**

Sodium bicarbonate → **EML!**

Sodium citrate → *See: Dispensary List*

**B05D—Peritoneal Dialytics**

Peritoneal dialytics, hypertonic solutions

Peritoneal dialytics, isotonic solutions → **EML!**

**B05X—I.V. Solution Additives**

Potassium chloride → **EML!** → *See: Dispensary List*

**B06—Other Hematological Agents**

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**B06A—OTHER HEMATOLOGICAL AGENTS**

Chymotrypsin

**C—CARDIOVASCULAR SYSTEM****C01—Cardiac Therapy**

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**C01A—Cardiac Glycosides**

Digoxin → **EML!**

**C01B—Antiarrhythmics, Classes I and III**

Amiodarone

Bretylium tosylate

Lidocaine → **EML!**

Procainamide → **EML!**

**C01C—Cardiac Stimulants excluding Cardiac Glycosides**

Dobutamine

Dopamine → **EML!**

Ephedrine HCl

Epinephrine → **EML!**

Isoprenaline

Norepinephrine

**C01D—Vasodilators Used in Cardiac Diseases**

Glyceryl trinitrate → **EML!**

Isosorbide dinitrate → **EML!**

Isosorbide mononitrate

**C01E—Other Cardiac Preparations**

Adenosine

**C02—Antihypertensives**

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**C02A—Antidiuretic Agents, Centrally Acting**

Clonidine

Methyldopa → **EML!****C02C—Antidiuretic Agents, Peripherally Acting**

Doxazosin

Prazosin

**C02D—Arteriolar Smooth Muscle, Agents Acting On**

Diazoxide

Hydralazine → **EML!**

Nitroprusside sodium

**C03—Diuretics**

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**C03A—Low-Ceiling Diuretics, Thiazides**

Chlorothiazide

Hydrochlorothiazide → **EML!****C03B—Low-Ceiling Diuretics, excluding Thiazides**

Chlortalidone (chlorthalidone)

Metolazone

**C03C—High-Ceiling Diuretics**Furosemide → **EML!**

Torasemide

**C03D—Potassium-Sparing Agents**Spironolactone → **EML!****C03E—Diuretics and Potassium-Sparing Agents in Combination**

Amiloride + hydrochlorothiazide

Spironolactone + furosemide

Triamterene + hydrochlorothiazide

**C04—Peripheral Vasodilators**

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**C04A—Peripheral Vasodilators**

Ergoloid mesylates

Isosuprime

Xantinol nicotinate

**C05—Vasoprotectives**

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**C05A—Agents for Treatment Of Hemorrhoids and Anal Fissures**

Lidocaine + hydrocortisone acetate + aluminium subacetate + zinc oxide

**C05B—Antivaricose Therapy**

Heparinoid

Heparinoid + hyaluronidase

**C07—Beta-Blocking Agents**

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**C07A—Beta-Blocking Agents**Atenolol → **EML!**

Bisoprolol

Carvedilol

Labetalol

Metoprolol → **EML!**

Propranolol → **EML!**

Sotalol

Timolol

## C08—Calcium Channel Blockers

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### C08C—Selective Calcium Channel Blockers with Mainly Vascular Effects

Amlodipine → **EML!**

Nifedipine slow-release → **EML!**

Nimodipine

### C08D—Selective Calcium Channel Blockers with Direct Cardiac Effects

Diltiazem

Verapamil → **EML!**

## C09—Agents Acting on the Renin-Angiotensin System

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### C09A—Ace Inhibitors, Plain

Captopril → **EML!**

Enalapril → **EML!**

Lisinopril

Quinapril

Ramipril

### C09B—Ace Inhibitors, Combinations

Captopril + hydrochlorothiazide

Hydrochlorothiazide + lisinopril

### C09C—Angiotensin II Antagonists, Plain

Candesartan

Irbesartan

Losartan

Telmisartan

Valsartan

### C09D—Angiotensin II Antagonists, Combinations

Candesartan + hydrochlorothiazide

Hydrochlorothiazide + losartan

## C10—Lipid-Modifying Agents

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### C10A—Lipid-Modifying Agents, Plain

Atorvastatin → **EML!**

Colestyramine → **EML!**

Fenofibrate → **EML!**

Fluvastatin

Gemfibrozil

Lovastatin

Nicotinic acid

Omega-3 + acid ethyl esters

Rosuvastatin

Simvastatin

## D—DERMATOLOGICALS

### D01—Antifungals for Dermatological Use

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#### D01A—Antifungals for Topical Use

Clotrimazole

Crystal violet powder → *See: Dispensary List*

Isoconazole

Isoconazole + diflucortolone

Ketoconazole → **EML!**

Methylrosaniline → **EML!**

Miconazole

Nystatin → **EML!**

Salicylic acid → **EML!**

Selenium sulfide

Terbinafine → **EML!**

Tolnaftate → **EML!**

#### D01B—Antifungals for Systemic Use

Griseofulvin → **EML!**

Terbinafine → **EML!**

### D02—Emollients and Protectives

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#### D02A—Emollients and Protectives

Methyl salicylate

Paraffin liquid + paraffin wax, soft → *See: Dispensary List*

Retinol + colecalciferol → **EML!**

Zinc oxide → **EML!** → *See: Dispensary List*

### D03—Preparations for Treatment Of Wounds and Ulcers

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#### D03A—Cicatrizers

Cod liver oil + zinc oxide

#### D03B—Enzymes

Seratiopeptidase

### D04—Antipruritics, including Antihistamines, Anesthetics, and Others

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#### D04A—Antipruritics, including Antihistamines, Anesthetics, and Others

Benzocaine

Calamine (ZnO + Fe<sub>2</sub>O<sub>3</sub>) → **EML!** → *See: Dispensary List*

Calamine (ZnO + Fe<sub>2</sub>O<sub>3</sub>) + diphenhydramine

Capsaicin

Doxepin

Lidocaine → **EML!**

Methyl salicylate powder → *See: Dispensary List*

Methyl salicylate + menthol

### D05—Antipsoriatics

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#### D05A—Antipsoriatics for Topical Use

Coal tar → **EML!**

Dithranol

Ichthylol

Methoxsalen

**D05B—Antipsoriatics for Systemic Use**

Methoxsalen

**D06—Antibiotics and Chemotherapeutics for Dermatological Use**

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**D06A—Antibiotics for Topical Use**

Bacitracin + neomycin → **EML!**

Fusidic acid

Mupirocin → **EML!**

Neomycin sulfate

Polymyxin + bacitracin

Tetracycline

**D06B—Chemotherapeutics for Topical Use**

Aciclovir

Metronidazole → **EML!**

Silver sulfadiazine → **EML!**

**D07—Corticosteroids, Dermatological Preparations**

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**D07A—Corticosteroids, Plain**

Betamethasone

Betamethasone sodium phosphate

Clobetasol

Dexamethasone

Diflucortolone

Fluocinolone

Fluticasone propionate

Hydrocortisone acetate → **EML!**

Mometasone

Mometasone furoate

Triamcinolone

**D07B—Corticosteroids, Combinations with Antiseptics**

Betamethasone + fusidic acid

**D07C—Corticosteroids, Combinations with Antibiotics**

Betamethasone + clotrimazole

Betamethasone + neomycin!EML!

Clotrimazole + dexamethasone

Gentamicin sulfate + hydrocortisone acetate

Triamcinolone + neomycin + nystatin

**D07X—Corticosteroids, Other Combinations**

Mometasone

**D08—Antiseptics and Disinfectants**

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**D08A—Antiseptics and Disinfectants**

Benzalkonium chloride

Boric acid + glycerin → **EML!**

Cetalkonium chloride + choline salicylate + ethanol

Cetrimide + chlorhexidine gluconate → **EML!**

Chlorhexidine digluconate → **EML!**

Chloroxylenol

Ethacridine lactate

Ethanol

Hydrogen peroxide → **EML!**

Hydrogen peroxide + silver (Sanosil™)  
Hydrogen peroxide pure → *See: Dispensary List*  
Iodine powder → *See: Dispensary List*  
Nitrofural (nitrofurazone)  
Potassium permanganate → **EML!**  
Potassium permanganate powder → *See: Dispensary List*  
Povidone iodine + polyvinyl alcohol  
Povidone iodine → **EML!**  
Sodium hypochlorite → **EML!**

## D10—Anti-Acne Preparations

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### D10A—Anti-Acne Preparations for Topical Use

Azelaic acid  
Benzoyl peroxide → **EML!**  
Clindamycin  
Erythromycin  
Isotretinoin  
Precipitated sulfur powder → *See: Dispensary List*  
Sulfur  
Sulfur + salicylic acid → **EML!**  
Tretinoin

## D11—Other Dermatological Preparations

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### D11A—Other Dermatological Preparations

Diclofenac  
Minoxidil  
Tacrolimus

## G—GENITOURINARY SYSTEM AND SEX HORMONES

## G01—Gynecological Anti-Infectives and Antiseptics

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### G01A—Anti-Infectives and Antiseptics, excluding Combinations

Clindamycin  
Clotrimazole  
Furazolidone → **EML!**  
Isoconazole  
Metronidazole + nystatin  
Miconazole  
Nystatin → **EML!**  
Povidone iodine  
Terbinafine

## **G02—Other Gynecologicals**

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### **G02A—Oxytocics**

Ergometrine maleate → **EML!**

Methylergometrine maleate → **EML!**

Misoprostol → **EML!** → See: National Postpartum Hemorrhage Program List

### **G02B—Contraceptives for Topical Use**

Condom with and without nonoxinol → **EML!** → See: National Family Planning Program List

Intrauterine device with copper → **EML!** → See: National Family Planning Program List

### **G02C—Other Gynecologicals**

Bromocriptine

Nifedipine → **EML!**

Ritodrine

## **G03—Sex Hormones and Modulators of the Genital System**

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### **G03A—Hormonal Contraceptives for Systemic Use**

Ethinylestradiol + levonorgestrel → **EML!**

Ethinylestradiol + norethisterone → **EML!** → See: National Family Planning Program List

Ethinylestradiol + norgestrel → **EML!** → See: National Family Planning Program List

Levonorgestrel progestrone only pill (POP) → **EML!**

Medroxyprogesterone acetate depot → **EML!** → See: National Family Planning Program List

Norgestrel → **EML!** → See: National Family Planning Program List

### **G03B—androgens**

Mesterolone

Testosterone enantate

### **G03C—Estrogens**

Estradiol

Estradiol maleate

Estradiol valareate

Ethinylestradiol → **EML!**

### **G03D—Progestogens**

Hydroxyprogesterone depot

Norethisterone → **EML!**

Progesterone

### **G03G—Gonadotropins and Other Ovulation Stimulants**

Clomifene → **EML!**

Gonadotropin

### **G03H—Antiandrogens**

Cyproterone + ethinylestradiol

Cyproterone acetate

## **G04—Urologicals**

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### **G04B—Other Urologicals, including Antispasmodics**

Flavoxate

Pinene 310 mg + camphene 150 mg + cineol B.P.C 30 mg + fenchone 40 mg + borneol 100 mg + anethol USP 40 mg (Rowatenix®)

Pinene 31 mg + camphene 15 mg + cineol B.P.C 3 mg + fenchone 4 mg + borneol 10 mg + anethol USP 4 mg + olive (Rowatenix™)

Sildenafil

Tolterodine

Vardenafil

**G04C—Medicines Used in Benign Prostatic Hypertrophy**

Finasteride  
Tamsulosin  
Terazosin

**H—SYSTEMIC HORMONAL PREPARATIONS, EXCLUDING SEX HORMONES AND INSULINS****H01—Pituitary and Hypothalamic Hormones and Analogues**

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**H01B—Posterior Pituitary Lobe Hormones**

Desmopressin  
Oxytocin → **EML!**  
Vasopressine (antidiuretic hormone, ADH)

**H01C—Hypothalamic Hormones**

Octreotide

**H02—Corticosteroids for Systemic Use**

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**H02A—Corticosteroids for Systemic Use, Plain**

Betamethasone  
Dexamethasone  
Fludrocortisone  
Hydrocortisone acetate  
Hydrocortisone sodium succinate → **EML!**  
Methylprednisolone  
Prednisolone → **EML!**  
Triamcinolone

**H03—Thyroid Therapy**

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**H03A—Thyroid Preparations**

Levothyroxine → **EML!**

**H03B—Antithyroid Preparations**

Carbimazole → **EML!**  
Methimazole  
Propylthiouracil  
Thiamazole

**H03C—Iodine Therapy**

Iodine → **EML!**  
Iodine + potassium iodide

**H04—Pancreatic Hormones**

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**H04A—Glycogenolytic Hormones**

Glucagon

**H05—Calcium Homeostasis**

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**H05A—Parathyroid Hormones and Analogues**

Parathyroid hormone

**H05B—Anti-Parathyroid Agents**

Calcitonine

## J—ANTI-INFECTIVES FOR SYSTEMIC USE

### **J01—Antibacterials for Systemic Use**

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#### **J01A—Tetracyclines**

Doxycycline → **EML!**

Minocycline

Oxytetracycline

#### **J01B—Amphenicols**

Chloramphenicol → **EML!**

#### **J01C—Beta-Lactam Antibacterials, Penicillins**

Amoxicillin → **EML!**

Amoxicillin + clavulanic acid → **EML!**

Ampicillin → **EML!**

Ampicillin + cloxacillin

Carbenicillin

Cloxacillin → **EML!**

Nafcillin

Penicillin benzyl → **EML!**

Penicillin benzyl + penicillin procaine → **EML!**

Penicillin benzyl benzathine → **EML!**

Penicillin benzyl procaine → **EML!**

Penicillin V (phenoxyethylpenicillin) → **EML!**

Piperacillin + tazobactam

#### **J01D—Other Beta-Lactam Antibacterials**

Cefaclor

Cefadroxil

Cefalexin

Cefazolin

Cefepime

Cefixime

Cefotaxime

Cefradine

Ceftazidime

Ceftriaxone → **EML!**

Cefuroxime

Cilastatin + imipenem

#### **J01E—Sulfonamides And Trimethoprim**

Sulfadiazine

Sulfamethoxazole + trimethoprim → **EML!**

#### **J01F—Macrolides, Lincosamides, and Streptogramins**

Azithromycin → **EML!**

Clarithromycin

Clindamycin → **EML!**

Clindamycin + dextrose → **EML!**

Erythromycin (ethylsuccinate) → **EML!**

Erythromycin (base) → **EML!**

Erythromycin stearate → **EML!**

Lincomycin

Spiramycin

**J01G—Aminoglycoside Antibacterials**Amikacin → **EML!**Gentamicin → **EML!**

Neomycin sulfate

Streptomycin → **EML!****J01M—Quinolone Antibacterials**Ciprofloxacin → **EML!**

Gatifloxacin

Levofloxacin

Moxifloxacin → **EML!** → See: National Tuberculosis Program ListNalidixic acid → **EML!**

Norfloxacin

Ofloxacin

**J01X—Other Antibacterials**

Methenamine mandelate

Metronidazole → **EML!**Nitrofurantoin → **EML!**

Vancomycin

**J02—Antimycotics for Systemic Use****J02A—Antimycotics for Systemic Use**

Amphotericin-B

Fluconazole

Ketoconazole → **EML!****J04—Antimycobacterials****J04A—Medicines for Treatment of Tuberculosis**

Amikacin See: National Tuberculosis Program List

Capreomycin → **EML!** → See: National Tuberculosis Program ListCycloserine → **EML!** → See: National Tuberculosis Program ListEthambutol (EMB) → **EML!** → See: National Tuberculosis Program ListEthambutol + isoniazid (EH) → **EML!** → See: National Tuberculosis Program ListEthambutol + isoniazid + pyrazinamide + rifampicin (RHZE) → **EML!** → See: National Tuberculosis Program ListEthionamide → **EML!** → See: National Tuberculosis Program ListIsoniazid (INH) → **EML!** → See: National Tuberculosis Program ListPara-aminosalicylic acid (PAS) → **EML!** → See: National Tuberculosis Program ListPyrazinamide (PZA) → **EML!** → See: National Tuberculosis Program ListRifampicin → **EML!**Rifampicin + isoniazid → **EML!** → See: National Tuberculosis Program ListRifampicin + isoniazid + ethambutol → **EML!** → See: National Tuberculosis Program ListRifampicin + isoniazid + pyrazinamide → **EML!** → See: National Tuberculosis Program ListRifampicin + isoniazid + pyrazinamide + ethambutol → **EML!** → See: National Tuberculosis Program ListStreptomycin (STM) → **EML!** → See: National Tuberculosis Program List**J04B—Medicines for Treatment of Lepra**Clofazimine (CLO) → **EML!** → See: National Leprosy Program ListDapsone (DDS) → **EML!** → See: National Leprosy Program ListRifampicin + dapsone + clofazimine → **EML!** → See: National Leprosy Program List

## J05—Antivirals for Systemic Use

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### J05A—Direct-Acting Antivirals

Abacavir (ABC) → **EML!** → See: National HIV/AIDS Program List

Aciclovir

Atazanavir + ritonavir → **EML!** → See: National HIV/AIDS Program List

Efavirenz (EFV) → **EML!** → See: National HIV/AIDS Program List

Efavirenz + emtricitabine + tenofovir → See: National HIV/AIDS Program List

Emtricitabine (FTC) → See: National HIV/AIDS Program List

Emtricitabine + tenofovir → **EML!** → See: National HIV/AIDS Program List

Enfuvirtide → **EML!** → See: National HIV/AIDS Program List

Entecavir See: National HIV/AIDS Program List

Etravirine → **EML!** → See: National HIV/AIDS Program List

Fosamprenavir + ritonavir (FPV/r) → **EML!**

Indinavir (IDV) → **EML!** → See: National HIV/AIDS Program List

Indinavir + ritonavir (IDV/r) → **EML!** → See: National HIV/AIDS Program List

Lamivudine (3TC) → **EML!** → See: National HIV/AIDS Program List

Lamivudine + nevirapine + zidovudine (AZT/3TC/NVP) → **EML!** → See: National HIV/AIDS Program List

Lamivudine + stavudine → **EML!**

Lamivudine + zidovudine (AZT/3TC) → **EML!** → See: National HIV/AIDS Program List

Lopinavir + ritonavir → **EML!** → See: National HIV/AIDS Program List

Maraviroc → **EML!** → See: National HIV/AIDS Program List

Nelfinavir (NFV) → **EML!** → See: National HIV/AIDS Program List

Nevirapine (NVP) See: National HIV/AIDS Program List

Raltegravir → **EML!** → See: National HIV/AIDS Program List

Ribavirin

Ritonavir (RTV) → **EML!** → See: National HIV/AIDS Program List

Saquinavir (SQV) → **EML!** → See: National HIV/AIDS Program List

Saquinavir + ritonavir → **EML!**

Stavudine + lamivudine → **EML!**

Stavudine + lamivudine + nevirapine (d4T/3TC/NVP) → **EML!** → See: National HIV/AIDS Program List

Tenofovir (TDF) See: National HIV/AIDS Program List

Zidovudine (AZT) → **EML!** → See: National HIV/AIDS Program List

## J06—Immune Sera and Immunoglobulins

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### J06A—Immune Sera

Botulinum antitoxin monovalent (E)

Botulinum antitoxin polyvalent (A+B+E)

Diphtheria antitoxin → **EML!**

Rabies antitoxin → **EML!**

Scorpion antivenom → **EML!**

Snake antivenom

### J06B—Immunoglobulins

Anti-D immunoglobulin (human) → **EML!**

Antitetanus immunoglobulin → **EML!**

Tetanus immune globulin

## J07—Vaccines

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### J07A—Bacterial Vaccines

Diphtheria, pertussis, tetanus vaccine → **EML!**

Meningococcal vaccine (A, C, Y, W-135 tetravalent purified polysaccharides antigen)

Pneumococcal conjugated vaccine 23-valent → **EML!**

Pneumococcal conjugated vaccine 7-valent → **EML!**

Tetanus toxoid vaccine → **EML!**  
 Tuberculosis vaccine (BCG) → **EML!**  
 Typhoid vaccine

#### J07B—Viral Vaccines

Hepatitis B monovalent vaccine single dose (HepB) → **EML!**  
 Hepatitis B purified antigen vaccine (HepB)  
 Influenza vaccine  
 Measles diluent → **EML!**  
 Measles vaccine → **EML!**  
 Mumps vaccine injection solution or vial [J07BE01]  
 Oral polio vaccine-bivalent → **EML!**  
 Oral polio vaccine-monovalent (OPV-M) → **EML!**  
 Oral polio vaccine-tetraivalent (OPV-T) → **EML!**  
 Pentavalent, diphtheria, tetanus, pertussis, HepB, Hib  
 Rabies vaccine  
 Rotavirus monovalent/pentavalent single or double dose → **EML!**  
 Rubella vaccine, live attenuated → **EML!**

#### J07C—Bacterial and Viral Vaccines, Combined

Diphtheria, pertussis, tetanus, hepatitis B vaccine → **EML!**  
 Diphtheria, pertussis, tetanus, HepB, Hib vaccine → **EML!**

## L—ANTINEOPLASTIC AND IMMUNOMODULATING AGENTS

### **L01—Antineoplastic Agents**

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#### L01A—Alkylating Agents

Busulfan  
 Chlorambucil  
 Cyclophosphamide  
 Dacarbazine

#### L01B—Antimetabolites

Cytarabine  
 Fluorouracil → **EML!**  
 Mercaptopurine  
 Methotrexate

#### L01C—Plant Alkaloids and Other Natural Products

Vinblastine  
 Vincristine

#### L01D—Cytotoxic Antibiotics and Related Substances

Bleomycin  
 Dactinomycin  
 Daunorubicin  
 Doxorubicin  
 Idarubicin  
 Mitomycin

#### L01X—Other Antineoplastic Agents

Hydroxycarbamide  
 Hydroxyurea  
 Imatinib mesylate  
 Procarbazine

## L02—Endocrine Therapy

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### L02A—Hormones and Related Agents

Diethylstilbestrol

Ethinylestradiol → **EML!**

Nandrolone

### L02B—Hormone Antagonists and Related Agents

Tamoxifen

## L03—Immunostimulants

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### L03A—Immunostimulants

Interferon alfa 2a

Interferon alfa 2b

Interferon beta 1a

Pegylated interferon alfa 2a

## L04—Immunosuppressants

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### L04A—Immunosuppressants

Azathioprine

Ciclosporin → **EML!**

## M—MUSCULOSKELETAL SYSTEM

## M01—Anti-Inflammatory and Antirheumatic Products

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### M01A—Anti-Inflammatory and Antirheumatic Products, Nonsteroids

Aceclofenac

Benzydamine

Celecoxib

Diclofenac → **EML!**

Flurbiprofen

Glucosamine sulfate + chondroitin sulfate

Ibuprofen → **EML!**

Indomethacin

Ketoprofen

Mefenamic acid

Meloxicam

Naproxen

Nimesulide

Piroxicam

Tenoxicam

### M01B—Anti-Inflammatory and Antirheumatic Agents In Combination

Clopidogrel + acetylsalicylic acid

### M01C—Specific Antirheumatic Agents

Auranofin

Hydroxychloroquine

Methotrexate → **EML!**

Penicillamine → **EML!**

Sodium aurothiomalate

Sulfasalazine → **EML!**

## M02—Topical Products for Joint and Muscular Pain

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### M02A—Topical Products for Joint and Muscular Pain

Diclofenac  
Etofenamate  
Nimesulide

## M03—Muscle Relaxants

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### M03A—Muscle Relaxants, Peripherally Acting Agents

Gallamine triethiodide  
Suxamethonium → **EML!**  
Vecuronium bromide

### M03B—Muscle Relaxants, Centrally Acting Agents

Baclofen  
Methocarbamol  
Orphenadrine + paracetamol  
Phenprobamate  
Tizanidine  
Tolperisone

### M03C—Muscle Relaxants, Directly Acting Agents

Dantrolene

## M04—Antigout Preparations

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### M04A—Antigout Preparations

Allopurinol → **EML!**  
Colchicine → **EML!**  
Probenecid

## M05—Medicines for Treatment of Bone Diseases

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### M05B—Medicines Affecting Bone Structure and Mineralization

Alendronic acid  
Etidronic acid

## M09—Other Medicines for Disorders of The Musculoskeletal System

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### M09A—Other Medicines for Disorders Of The Musculoskeletal System

Hydroquinone  
Seratiopeptidase

## N—NERVOUS SYSTEM

## N01—Anesthetics

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### N01A—Anesthetics, General

Enflurane 0.5–3% (in nitrous oxide oxygenic)  
Halothane → **EML!**  
Isoflurane → **EML!**  
Ketamine → **EML!**  
Nitrous oxide  
Propofol → **EML!**  
Thiopental sodium → **EML!**

### N01B—Anesthetics, Local

Adrenalin + lidocaine → **EML!**  
Adrenalin + lidocaine dental → **EML!**

Bupivacaine → **EML!**  
 Glucose + lidocaine spinal → **EML!**  
 Levobupivacaine  
 Lidocaine → **EML!**

## N02—Analgesics

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### N02A—Opioids

Fentanyl  
 Morphine (sulfate, hydrochloride) → **EML!**  
 Nalbuphine  
 Paracetamol + codeine  
 Pentazocin  
 Pethidine → **EML!**  
 Tramadol → **EML!**

### N02B—Other Analgesics and Antipyretics

Acetylsalicylic acid → **EML!**  
 Paracetamol → **EML!**

### N02C—Antimigraine Preparations

Caffeine + cyclizine + ergotamine  
 Caffeine + ergotamine  
 Ergotamine → **EML!**  
 Paracetamol + caffeine  
 Paracetamol + caffeine + chlorphenamine  
 Paracetamol + caffeine + phenylpropanolamine  
 Pizotifen

## N03—Antiepileptics

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### N03A—Antiepileptics

Carbamazepine → **EML!**  
 Clonazepam  
 Ethosuximide → **EML!**  
 Gabapentin  
 Lamotrigine  
 Magnesium sulfate → **EML!**  
 Oxcarbazepine  
 Phenobarbital → **EML!**  
 Phenobarbital sodium  
 Phenytoin  
 Pregabalin  
 Primidone  
 Valproic acid → **EML!**

## N04—Antiparkinson Medicines

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### N04A—Anticholinergic Agents

Biperiden → **EML!**  
 Procyclidine  
 Trihexyphenidyl → **EML!**

### N04B—Dopaminergic Agents

Amantadine HCl  
 Bromocriptine mesylate → **EML!**  
 Carbidopa + levodopa → **EML!**

## N05—Psycholeptics

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### N05A—Antipsychotics

Aripiprazole  
Chlorpromazine → **EML!**  
Fluphenazine (oily) → **EML!**  
Haloperidol → **EML!**  
Olanzapine  
Quetiapine  
Risperidone  
Thioridazine

### N05B—Anxiolytics

Alprazolam → **EML!**  
Bromazepam  
Buspirone  
Chlordiazepoxide → **EML!**  
Clorazepate dipotassium  
Diazepam → **EML!**  
Hydroxyzine  
Lorazepam  
Oxazepam

### N05C—Hypnotics and Sedatives

Chloral hydrate  
Estazolam  
Flurazepam  
Lormetazepam  
Midazolam → **EML!**  
Nitrazepam  
Temazepam

## N06—Psychoanaleptics

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### N06A—Antidepressants

Amitriptyline → **EML!**  
Citalopram  
Clomipramine → **EML!**  
Dosulepin hydrochloride  
Doxepin  
Duloxetine  
Escitalopram  
Fluoxetine → **EML!**  
Fluvoxamine  
Imipramine → **EML!**  
Isocarboxazid  
Mirtazapine  
Nortriptyline → **EML!**  
Reboxetine  
Sertraline hydrochloride  
Trimipramine  
Venlafaxine

**N06B—Psychostimulants, Agents Used for ADHD, and Nootropics**

Caffeine  
 Citicoline  
 Methylephenidate  
 Pemoline  
 Piracetam  
 Vinpocetin

**N06D—Antidementia Medicines**

Galantamine  
 Ginkgo biloba  
 Rivastigmine

**N07—Other Nervous System Medicines**

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**N07A—Parasympathomimetics**

Bethanechol  
 Edrophonium chloride  
 Neostigmine bromide → **EML!**  
 Neostigmine methylsulfate → **EML!**  
 Pyridostigmine bromide

**N07B—Medicines Used In Addictive Disorders**

Buprenorphine See: National Drug Demand Reduction and National HIV/AIDS Program Lists  
 Methadone See: National Drug Demand Reduction and National HIV/AIDS Program Lists  
 Naltrexone hydrochloride  
 Opium tincture See: National Drug Demand Reduction and National HIV/AIDS Program Lists

**N07C—Antivertigo Preparations**

Cinnarizine

**P—ANTIPARASITIC PRODUCTS, INSECTICIDES, AND REPELLENTS****P01—Antiprotozoals**

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**P01A—Agents Against Amebiasis and Other Protozoal Diseases**

Dihydroemetine  
 Diloxanide furoate  
 Diloxanide furoate + metronidazole  
 Metronidazole → **EML!**  
 Secnidazol  
 Tinidazole

**P01B—Antimalarials**

Artemether oily → **EML!** → See: **National Malaria and Leishmania Control Program List**  
 Artesunate + pyrimethamine + sulfadoxine → **EML!** → See: **National Malaria and Leishmania Control Program List**

Chloroquine (base) → **EML!** → See: **National Malaria and Leishmania Control Program List**

Primaquine → **EML!** → See: **National Malaria and Leishmania Control Program List**

Quinine dihydrochloride → **EML!** → See: **National Malaria and Leishmania Control Program List**

Quinine sulfate → **EML!** → See: **National Malaria and Leishmania Control Program List**

Pyrimethamine

**P01C—Agents Against Leishmaniasis and Trypanosomiasis**

Meglumine antimoniate → **EML!** → See: **National Malaria and Leishmania Control Program List**  
 Sodium stibogluconate → **EML!** → See: **National Malaria and Leishmania Control Program List**

**P02—Anthelmintics**

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**P02B—Antitrematodals**

Praziquantel

**P02C—Antinematodal Agents**Albendazole → **EML!**

Levamisole

Mebendazole → **EML!**

Pyrantel pamoate

Tiabendazole

**P02D—Anticestodals**Niclosamide → **EML!****P03—Ectoparasiticides, Including Scabicides, Insecticides, and Repellents**

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**P03A—Ectoparasiticides, Including Scabicides**Benzoic acid + salicylic acid → **EML!**Benzyl benzoate → **EML!**Benzyl benzoate powder → *See: Dispensary List*Lindane → **EML!**Permethrin → **EML!****R—RESPIRATORY SYSTEM****R01—Nasal Preparations**

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**R01A—Decongestants and Other Nasal Preparations for Topical Use**

Argyrol + ephedrine

Beclometasone dipropionate

Ephedrine

Fluticasone propionate

Naphazoline → **EML!**

Phenylephrine

Sodium chloride → **EML!**

Xylometazoline

**R01B—Nasal Decongestants for Systemic Use**

Dextromethorphan + diphenhydramine

Dextromethorphan + pseudoephedrine

Paracetamol + pseudoephedrine + dextromethorphan + chlorphenamine + ascorbic acid

Pseudoephedrine + chlorphenamine maleate

**R02—Throat Preparations**

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**R02A—Throat Preparations**

Dichlorobenzyl alcohol + amylnitacresol

Hexylresorcinol → *See: Dispensary List*

Lidocaine

**R03—Medicines for Obstructive Airway Diseases**

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**R03A—Adrenergics, Inhalants**

Beclometasone + salbutamol

Fluticasone + salmeterol

Salbutamol → **EML!**

**R03B—Other Medicines for Obstructive Airway Diseases, Inhalants**

Beclometasone dipropionate → **EML!**  
 Beclometasone dipropionate + salbutamol betamethasone  
 Cromoglycic acid  
 Ipratropium  
 Ipratropium bromide

**R03C—Adrenergics for Systemic Use**

Guaifenesin + salbutamol  
 Salbutamol → **EML!**  
 Salbutamol + guaifenesin  
 Terbutaline  
 Tulobuterol

**R03D—Other Systemic Medicines for Obstructive Airway Diseases**

Aminophylline → **EML!**  
 Montelukast  
 Theophylline  
 Theophylline + guaifenesin

**R05—Cough and Cold Preparations****R05C—Expectorants, excluding Combinations with Cough Suppressants**

Acetylcysteine  
 Ambroxol  
 Bromhexine  
 Guaifenesin

**R05D—Cough Suppressants, excluding Combinations with Expectorants**

Codeine phosphate  
 Dextromethorphan  
 Pholcodine + promethazine  
 Promethazine + ephedrine + pholcodine

**R05F—Cough Suppressants and Expectorants, Combinations**

Ammonium chloride + chlorphenamine maleate + codeine + guaifenesin + phenylephrine + phenylpropanolamine  
 Guaifenesin + codeine + phenylpropanolamine + saccharine sodium

**R05X—Other Cold Preparations**

Paracetamol + pseudoephedrine + codeine

**R06—Antihistamines for Systemic Use****R06A—Antihistamines for Systemic Use**

Buclizine  
 Cetirizine  
 Chlorphenamine maleate → **EML!**  
 Clemastine  
 Clemastine + pseudoephedrine HCl  
 Cyclizine  
 Cyproheptadine  
 Dextromethorphan + chlorphenamine  
 Dimenhydrinate → **EML!**  
 Diphenhydramine chloride → **EML!**  
 Diphenhydramine chloride + aminophylline + ammonium chloride + menthol  
 Diphenhydramine chloride + ammonium chloride + sodium acetate + menthol

Diphenhydramine hydrochloride + ammonium chloride  
Diphenhydramine teoclate → **EML!**  
Doxylamine + pyridoxine  
Fexofenadine  
Ketotifen  
Loratadine  
Mebhydroline  
Meclozine  
Paracetamol + pseudoephedrine + triprolidine  
Pheniramine  
Promethazine → **EML!**  
Triprolidine  
Triprolidine + pseudoephedrine + dextromethorphan  
Triprolidine + pseudoephedrine + paracetamol

## R07—Other Respiratory System Products

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### R07A—Other Respiratory System Products

Nikethamide

## S—SENSORY ORGANS

### S01—Ophthalmologicals

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#### S01A—Eye Anti-Infectives

Aciclovir → **EML!**  
Bacitracin  
Chloramphenicol → **EML!**  
Ciprofloxacin  
Gentamicin → **EML!**  
Idoxuridine  
Natamycin  
Neomycin sulfate → **EML!**  
Norfloxacin  
Ofloxacin  
Polymyxin  
Polymyxin + bacitracin  
Povidone iodine + polyvinyl alcohol  
Silver nitrate powder → *See: Dispensary List*  
Sulfacetamide → **EML!**  
Tetracycline → **EML!**  
Tobramycin

#### S01B—Eye Anti-Inflammatory Agents

Diclofenac  
Flurometholone  
Prednisolone → **EML!**  
Triamcinolone

#### S01C—Eye Anti-Inflammatory Agents and Anti-Infectives In Combination

Betamethasone + neomycin  
Chloramphenicol + dexamethasone  
Chloramphenicol + hydrocortisone  
Dexamethasone + tobramycin  
Fluorometholone + tetrahydrozoline

Prednisolone + chloramphenicol  
Prednisolone + sulfacetamide  
Prednisolone + sulfacetamide + phenylephrine

#### **S01E—Antiglaucoma Preparations and Miotics**

Acetazolamide → **EML!**  
Brimonidine tartrate  
Epinephrine  
Physostigmine  
Pilocarpine → **EML!**  
Timolol → **EML!**

#### **S01F—Mydriatics and Cycloplegics**

Atropine sulfate → **EML!**  
Cyclopentolate  
Homatropine HBr  
Phenylephrine  
Tropicamide → **EML!**

#### **S01G—Eye Decongestants and Antiallergics**

Cromoglycic acid  
Ketotifen  
Lodoxamide  
N-acetyl-aspartyl-glutamate acid (spaglumic acid, NAAG)  
Naphazoline + antazoline  
Phenylephrine  
Sulfacetamide + phenylephrine

#### **S01H—Eye Local Anesthetics**

Tetracaine → **EML!**

#### **S01J—Eye Diagnostic Agents**

Fluorescein

#### **S01X—Other Ophthalmologicals**

Sodium chloride

### **S02—Otologicals**

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#### **S02A—Ear Anti-Infectives**

Boric acid powder → *See: Dispensary List*  
Boric acid + glycerin → **EML!**  
Lignocaine + polymyxin

#### **S02B—Ear Corticosteroids**

Betamethasone

#### **S02C—Ear Corticosteroids and Anti-Infectives In Combination**

Polymyxin + neomycin + hydrocortisone

#### **S02D—Other Otologicals**

Glycerin

### **S03—Ophthalmological and Otological Preparations**

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#### **S03C—Eye and Ear Corticosteroids and Anti-Infectives in Combination**

Betamethasone + neomycin  
Dexamethasone + neomycin

## V—VARIOUS

### **V03—All Other Therapeutic Products**

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#### **V03A—All Other Therapeutic Products**

Acetylcysteine → **EML!**

Amyl nitrite

Atropine sulfate → **EML!**

Calcium disodium edetate

Calcium folinate

Copper sulfate powder → *See: Dispensary List*

Deferoxamine mesylate → **EML!**

Diazoxide

Digoxin specific antibody fractions

Dimercaprol (BAL) → **EML!**

Ethanol

Flumazenil → **EML!**

Fomepizole

Ipecacuanha

Methionine-dl

Methylene blue (methylthioninium) → **EML!**

Methylene blue (methylthioninium) powder → *See: Dispensary List*

Naloxone → **EML!**

Obidoxime

Oxygen inhalation gas → **EML!**

Physostigmine

Potassium iodide → **EML!**

Potassium iodide powder → *See: Dispensary List*

Pralidoxime → **EML!**

Protamine sulfate → **EML!**

Sodium thiosulfate

### **V04—Diagnostic Agents**

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#### **V04C—Other Diagnostic Agents**

Tuberculin purified protein derivative → **EML!**

### **V06—General Nutrients**

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#### **V06D—Other Nutrients**

Glucose oral powder

Sodium chloride powder → *See: Dispensary List*

### **V07—All Other Nontherapeutic Products**

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#### **V07A—All Other Nontherapeutic Products**

Water for injection → **EML!**

### **V08—Contrast Media**

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#### **V08A—X-Ray Contrast Media, Iodinated**

Diatrizoic acid → **EML!**

Diatrizoic acid meglumine + diatrizoic acid sodium (Urograffin™) → **EML!**

Iohexol

Iopamidol

Iopanoic acid

Iopromide

Iotroxic acid meglumine  
Ioxatalamic acid  
Meglumine iotroxate  
Propyl iodone oily

**V08B—X-Ray Contrast Media, Non-Iodinated**

Barium sulfate → *EML!*

**V08C—Magnetic Resonance Imaging Contrast Media**

Gadodiamide (gadolinium)

**V99—Unclassified**

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**V99A—Dental and Dispensary Items**

Acetic acid liquid → *See: Dispensary List*  
Aceton liquid → *See: Dispensary List*  
Alginate → *See: Dental List*  
Almond oil liquid → *See: Dispensary List*  
Argyrol powder → *See: Dispensary List*  
Arsenic paste → *See: Dental List*  
Arsenic paste + ephedrine + lidocaine → *See: Dental List*  
Ascorbic acid (vit C) powder → *See: Dispensary List*  
Bees wax → *See: Dispensary List*  
Benzoic acid powder → *See: Dispensary List*  
Calcium hydroxide → *See: Dental List*  
Calcium hydroxide + iodoform → *See: Dental List*  
Camphor powder → *See: Dispensary List*  
Camphor + chlorphenol + menthol → *See: Dental List*  
Castor oil → *See: Dispensary List*  
Cement, glass ionomer → *See: Dental List*  
Cement, phosphate + liquid → *See: Dental List*  
Cement, silicate + liquid → *See: Dental List*  
Chlorphenol + menthol → *See: Dental List*  
Coal tar → *See: Dispensary List*  
Composite bonding agent → *See: Dental List*  
Creosote + lidocaine + paraformaldehyde → *See: Dental List*  
Cresol → *See: Dispensary List*  
Cresophen → *See: Dental List*  
Dental amalgam → *See: Dental List*  
Dental composite, light cure → *See: Dental List*  
Dental composite, self cure → *See: Dental List*  
Dental etchant → *See: Dental List*  
Denture base, heat cure + liquid → *See: Dental List*  
Denture base, self cure + liquid → *See: Dental List*  
Emulsifying wax → *See: Dispensary List*  
Ephedrine liquid → *See: Dispensary List*  
Ethacridine lactate powder → *See: Dispensary List*  
Ethanol 96% liquid → *See: Dispensary List*  
Ether (diethylether) liquid → *See: Dispensary List*  
Eucerin powder → *See: Dispensary List*  
Eugenol → *See: Dental List*  
Eugenol + zinc oxide → *See: Dental List*  
Formacresol → *See: Dental List*  
Formaldehyde → *See: Dispensary List*  
Glycerin liquid → *See: Dispensary List*

Gutta-percha point → *See: Dental List*  
Hydroquinone powder → *See: Dispensary List*  
Ichthyl liquid → *See: Dispensary List*  
Isopropyl alcohol liquid → *See: Dispensary List*  
Lanolin (wool wax) → *See: Dispensary List*  
Linoleic acid → *See: Dispensary List*  
Magnesium sulfate → *See: Dispensary List*  
Menthol powder → *See: Dispensary List*  
Mercury → *See: Dental List*  
Methanol liquid → *See: Dispensary List*  
Methylated spirits → *See: Dispensary List*  
Oilgominol liquid → *See: Dispensary List*  
Olive oil liquid → *See: Dispensary List*  
Paraffin, hard → *See: Dispensary List*  
Paraffin, yellow → *See: Dispensary List*  
Peppermint oil → *See: Dispensary List*  
Phenol powder → *See: Dispensary List*  
Propylene glycol liquid → *See: Dispensary List*  
Pulpery solution → *See: Dental List*  
Resorcin powder → *See: Dispensary List*  
Salicylic acid powder → *See: Dispensary List*  
Sodium bicarbonate powder → *See: Dispensary List*  
Sodium chloride powder → *See: Dispensary List*  
Sodium hyposulfate powder → *See: Dispensary List*  
Starch powder → *See: Dispensary List*  
Stearic acid powder → *See: Dispensary List*  
Sulfur sublime → *See: Dispensary List*  
Talc powder → *See: Dispensary List*  
Tannic acid → *See: Dispensary List*  
Tartaric acid powder → *See: Dispensary List*  
Tragacanth → *See: Dispensary List*  
Tricresol-formalin → *See: Dental List*  
Trisodium citrate dihydrate → *See: Dispensary List*  
Turpentine oil (oleum terebinthinae) → *See: Dispensary List*  
Urea powder → *See: Dispensary List*  
Vaseline → **EML!** → *See: Dispensary List*  
Wool fat → *See: Dispensary List*  
Zinc oxide → *See: Dental List*  
Zinc oxide powder → *See: Dispensary List*  
Zinc undecenoate → *See: Dispensary List*

## Alphabetical Licensed Medicines List

### A

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Abacavir (ABC) 300 mg per tablet, oral ingestion tablet [J05AF06or] → **EML!** → See: **National HIV/AIDS Program List**

Acarbose 100 mg per tablet, oral ingestion tablet [A10BF01or]

Acarbose 50 mg per tablet, oral ingestion tablet [A10BF01or]

Aceclofenac 100 mg per tablet, oral ingestion tablet [M01AB16or]

Aceclofenac 150 mg/3 ml, injection solution [M01AB16or]

Acetazolamide 250 mg per tablet, oral ingestion tablet [S01EC01or] → **EML!**

Acetic acid liquid [V99AB00] → See: **Dispensary List**

Aceton liquid [V99AB00] → See: **Dispensary List**

Acetylcysteine 200 mg/5 ml, oral ingestion syrup [R05CB01or]

Acetylcysteine 200 mg/ml, in 10 ml ampoule, injection solution [V03AB23inj] → **EML!**

Acetylcysteine 200 mg/ml, in 10 ml ampoule, injection solution [R05CB01inj]

Acetylcysteine 200 mg per tablet, oral ingestion tablet [R05CB01or]

Acetylsalicylic acid (aspirin) 100 mg per tablet, oral ingestion tablet [B01AC06or] → **EML!**

Acetylsalicylic acid (aspirin) 100 mg per tablet, oral ingestion tablet [N02BA01or] → **EML!**

Acetylsalicylic acid (aspirin) 300 mg per tablet, oral ingestion tablet [N02BA01or] → **EML!**

Acetylsalicylic acid (aspirin) 325 mg per tablet, oral ingestion tablet [B01AC06or] → **EML!**

Acetylsalicylic acid (aspirin) 325 mg per tablet, oral ingestion tablet [N02BA01or] → **EML!**

Acetylsalicylic acid (aspirin) 500 mg per tablet, oral ingestion tablet [N02BA01or] → **EML!**

Acetylsalicylic acid (aspirin) 75 mg per tablet, oral ingestion tablet [N02BA01or]

Acetylsalicylic acid (aspirin) 75 mg per tablet, oral ingestion tablet [B01AC06or]

Aciclovir 200 mg per tablet, oral ingestion tablet [J05AB01or]

Aciclovir 3% in 5 g tube, ophthalmic ointment [S01AD03] → **EML!**

Aciclovir 400 mg per tablet, oral ingestion tablet [J05AB01or]

Aciclovir 5% in 15 g tube, topical ointment [D06BB03]

Activated charcoal 1 g per tablet, oral ingestion tablet [A07BA01or] → **EML!**

Activated charcoal 500 mg per tablet, oral ingestion tablet [A07BA01or] → **EML!**

Activated charcoal powder [A07BA01or] → See: **Dispensary List**

Adenosine 3 mg/ml, in 2 ml ampoule, injection solution [C01EB10inj]

Adrenalin 0.0005% + lidocaine 1% injection solution [N01BB52inj] → **EML!**

Adrenalin 0.0005% + lidocaine 2% in 50 ml vial, injection solution [N01BB52inj] → **EML!**

Adrenalin 0.00125% + lidocaine dental 1% injection solution [N01BB52inj] → **EML!**

Adrenalin 0.00125% + lidocaine dental 2% injection solution [N01BB52inj] → **EML!**

Albendazole 200 mg/5ml, in 10 ml bottle, oral ingestion suspension [P02CA03or]

Albendazole 200 mg per tablet, oral chewable tablet [P02CA03or] → **EML!**

Albendazole 400 mg per tablet, oral chewable tablet [P02CA03or] → **EML!**

Albumin (human) 20% in 500 ml bottle, injection solution [B05AA01inj]

Albumin (human) 5% in 500 ml bottle, injection solution [B05AA01inj]

Alcohol 25% + benzoic acid 0% + eucalyptol 0.091% + menthol 2% + methyl salicylate 0.055% + thymol 0.063% (Listerine) oral topical solution [A01AD11or]

Alendronic acid 10 mg per tablet, oral ingestion tablet [M05BA04or]

Alendronic acid 70 mg per tablet, oral ingestion tablet [M05BA04or]

Alfacalcidol (vit D) 0.25 mcg per capsule, oral ingestion capsule [A11CC03or]

Alfacalcidol (vit D) 0.5 mcg + calcium carbonate 1,000 mg per tablet, oral ingestion tablet [A02AX00or]

Alfacalcidol (vit D) 2 mcg/ml, in 1 ml ampoule, injection solution [A11CC03inj]

Alginate [V99AA00] → See: **Dental List**

Alginic acid 500 mg + aluminium hydroxide 100 mg + magnesium trisilicate 25 mg + sodium bicarbonate 170 mg per tablet, oral ingestion tablet [A02BX13or]

Allopurinol 100 mg per tablet, oral ingestion tablet [M04AA01or] → **EML!**

Allopurinol 300 mg per tablet, oral ingestion tablet [M04AA01or]

Almond oil liquid [V99AB00] → See: **Dispensary List**

Alprazolam 0.25 mg per tablet, oral ingestion tablet [N05BA12or]

Alprazolam 0.5 mg per tablet, oral ingestion tablet [N05BA12or] → **EML!**

Alprazolam 1 mg per tablet, oral ingestion tablet [N05BA12or]

Aluminium hydroxide 120 mg + magnesium trisilicate 250 mg per tablet, oral ingestion tablet [A02AD01or] → **EML!**

Aluminium hydroxide 200 mg + magnesium hydroxide 200 mg per tablet, oral chewable tablet [A02AD01or] → **EML!**

Aluminium hydroxide 200 mg + magnesium hydroxide 200 mg + simethicone 25 mg per tablet, oral chewable tablet [A02AF02or]

Aluminium hydroxide 225 mg + magnesium hydroxide 200 mg/5 ml, in 200 ml bottle, oral ingestion suspension [A02AD01or] → **EML!**

Aluminium hydroxide 225 mg + magnesium hydroxide 200 mg + simethicone 25 mg/5 ml, oral ingestion suspension [A02AF02or]

Aluminium hydroxide 250 mg + magnesium trisilicate 500 mg per tablet, oral ingestion tablet [A02AD01or]

Aluminium hydroxide 291 mg + magnesium hydroxide 92 mg + oxetacain 10 mg/5 ml, in 120 ml bottle, oral ingestion suspension

Aluminium hydroxide 300 mg per tablet, oral chewable tablet [A02AB01or]

Aluminium hydroxide 320 mg/5 ml, in 200 ml bottle, oral ingestion suspension [A02AB01or]

Aluminium hydroxide 500 mg per tablet, oral chewable tablet [A02AB01or] → **EML!**

Amantadine HCl 100 mg per capsule, oral ingestion capsule [N04BB01or]

Ambroxol 15 mg/5 ml, in 150 ml bottle, oral syrup [R05CB06or]

Ambroxol 30 mg/5 ml, in 150 ml bottle, oral ingestion syrup [R05CB06or]

Ambroxol 30 mg per tablet, oral ingestion tablet [R05CB06or]

Amikacin 125 mg/ml, in 2 ml ampoule, injection solution [J01GB06inj]

Amikacin 250 mg/ml, in 2 ml ampoule, injection solution [J01GB06inj]

Amikacin 500 mg/ml, in 2 ml vial, injection vial [J01GB06inj] → **EML!** → See: **National Tuberculosis Program List**

Amikacin 50 mg/ml, in 2 ml ampoule, injection solution [J01GB06inj]

Amiloride 5 mg + hydrochlorothiazide 50 mg per tablet, oral ingestion tablet [C03EA01or]

Amino acid 10% in 1,000 ml, infusion solution [B05BA01inj]

Amino acid 5% in 1,000 ml, infusion solution [B05BA01inj]

Amino acid balanced per milliliter, in 1,000 ml infusion solution [B05BA01inj]

Aminophylline 100 mg per tablet, oral ingestion tablet [R03DA05or] → **EML!**

Aminophylline 25 mg/ml in 10 ml ampoule, injection solution [R03DA05inj] → **EML!**

Amiodarone 200 mg per tablet, oral ingestion tablet [C01BD01or]

Amiodarone 50 mg/ml, in 3 ml ampoule, injection solution [C01BD01inj]

Amitriptyline 100 mg per tablet, oral ingestion tablet [N06AA09or]

Amitriptyline 10 mg per tablet, oral ingestion tablet [N06AA09or]

Amitriptyline 25 mg per tablet, oral ingestion tablet [N06AA09or] → **EML!**

Amlodipine 10 mg per tablet, oral ingestion tablet [C08CA01or]

Amlodipine 5 mg per tablet, oral ingestion tablet [C08CA01or] → **EML!**

Ammonium chloride 50 mg + chlorphenamine maleate 2 mg + codeine 5 mg + guaifenesin 50 mg + phenylephrine 5 mg + phenylpropanolamine 5 mg per tablet, oral tablet [R05FA02or]

Amoxicillin 125 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01CA04or] → **EML!**

Amoxicillin 125 mg + clavulanic acid 31.25 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01CR02or] → **EML!**

Amoxicillin 1 g per tablet, oral ingestion tablet [J01CA04or]

Amoxicillin 1 g + clavulanic acid 200 mg per vial, injection powder [J01CR02inj]

Amoxicillin 1 g per vial, injection powder [J01CA04inj]

Amoxicillin 200 mg + clavulanic acid 28.5 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01CR02or]

Amoxicillin 250 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01CA04or] → **EML!**

Amoxicillin 250 mg per tablet, oral ingestion tablet [J01CA04or] → **EML!**

Amoxicillin 250 mg + clavulanic acid 125 mg per tablet, oral ingestion tablet [J01CR02or]

Amoxicillin 250 mg + clavulanic acid 62.5 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01CR02or]

Amoxicillin 500 mg per tablet, oral ingestion tablet [J01CA04or] → **EML!**

Amoxicillin 500 mg per vial, injection powder [J01CA04inj]

Amoxicillin 500 mg + clavulanic acid 125 mg (co-amoxiclav) per tablet, oral ingestion tablet [J01CR02or] → **EML!**

Amoxicillin 875 mg + clavulanic acid 125 mg (co-amoxiclav) per tablet, oral ingestion tablet [J01CR02or]

Amphotericin-B 50 mg per vial, injection vial [J02AA01inj]

Ampicillin 125 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01CA01or]

Ampicillin 125 mg + cloxacillin 125 mg/5 ml, in 60 ml bottle, oral syrup [J01CA51or]

Ampicillin 125 mg + cloxacillin 125 mg per capsule, oral ingestion capsule [J01CA51or]

Ampicillin 1 g per vial, injection powder [J01CA01inj] → **EML!**

Ampicillin 250 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01CA01or]

Ampicillin 250 mg per capsule, oral ingestion capsule [J01CA01or]

Ampicillin 250 mg + cloxacillin 250 mg per capsule, oral ingestion capsule [J01CA51or]

Ampicillin 250 mg + cloxacillin 250 mg per vial, injection powder [J01CA51inj]

Ampicillin 500 mg per capsule, oral ingestion capsule [J01CA01or]

Ampicillin 500 mg per vial, injection powder [J01CA01inj] → **EML!**

Amyl nitrite inhalation ampoule [V03AB22]

Amylase 6,000 fipu + lipase 10,500 fipu+ protease 600 fipu + simethicone 40 mg/ml, oral syrup [A09AA02or]

Anethole trithione 0.025% oral solution [A16AX02or]

Anethole trithione 0.05% oral solution [A16AX02or]

Anethole trithione 0.1% oral solution [A16AX02or]

Anti-D immunoglobulin (human) 250 mcg per dose, in single-dose vial, injection vial [J06BB01inj] → **EML!**

Antitetanus immunoglobulin 250 IU/ml, in 1 ml ampoule, injection solution [J06BB02inj] → **EML!**

Antitetanus immunoglobulin 1,500 IU/ml, in 1 ml ampoule, injection solution [J06BB02inj] → **EML!**

Antitetanus immunoglobulin 3,000 IU/ml, in 1 ml ampoule, injection solution [J06BB02inj] → **EML!**

Antitetanus immunoglobulin 500 IU/ml, in 1 ml ampoule, injection solution [J06BB02inj] → **EML!**

Aprotinin 10 MU/ml, in 200 ml vial, injection vial [B02AB01inj]

Argyrol 1% + ephedrine 0.5% in 10 ml bottle, nasal solution [R01AB05]

Argyrol 2% + ephedrine 1% in 10 ml bottle, nasal solution [R01AB05]

Argyrol powder [V99AB00] → **See: Dispensary List**

Aripiprazole 10 mg per tablet, oral ingestion tablet [N05AX12or]

Aripiprazole 15 mg per tablet, oral ingestion tablet [N05AX12or]

Aripiprazole 20 mg per tablet, oral ingestion tablet [N05AX12or]

Aripiprazole 30 mg per tablet, oral ingestion tablet [N05AX12or]

Aripiprazole 5 mg/5 ml, oral ingestion solution [N05AX12or]  
 Aripiprazole 5 mg per tablet, oral ingestion tablet [N05AX12or]  
 Arsenic paste [V99AA00] → **See: Dental List**  
 Arsenic paste + ephedrine + lidocaine [V99AA00] → **See: Dental List**  
 Artemether oily 20 mg/ml, injection solution [P01BE02inj] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Artemether oily 40 mg/ml, injection solution [P01BE02inj] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Artemether oily 80 mg/ml, injection solution [P01BE02inj] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Artesunate 100 mg + pyrimethamine 25 mg + sulfadoxine 500 mg per tablet (co-blister), oral ingestion tablet [P01BF04or] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Artesunate 300 mg + pyrimethamine 50 mg + sulfadoxine 1,000 mg per tablet, oral ingestion tablet [P01BF04or] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Artesunate 50 mg + pyrimethamine 25 mg + sulfadoxine 500 mg per tablet, oral ingestion tablet [P01BF04or] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Artesunate 600 mg + pyrimethamine 75 mg + sulfadoxine 1,500 mg per tablet, oral ingestion tablet [P01BF04or] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Ascorbic acid (vit C) 500 mg per tablet, oral effervescent tablet [A11GA01or]  
 Ascorbic acid (vit C) 50 mg/ml, in 10 ml oral drop [A11GA01or]  
 Ascorbic acid (vit C) powder [V99AB00] → **See: Dispensary List**  
 Ascorbic acid 500 mg + calcium carbonate 327 mg + calcium lactate 1,000 mg per tablet, oral ingestion tablet [A11GB01or]  
 Atazanavir 300 mg + ritonavir 100 mg (ATV/RTV) per tablet, oral ingestion tablet [J05AR12or] → **EML!** → **See: National HIV/AIDS Program List**  
 Atenolol 25 mg per tablet, oral ingestion tablet [C07AB03or] → **EML!**  
 Atenolol 50 mg per tablet, oral ingestion tablet [C07AB03or] → **EML!**  
 Atenolol 100 mg per tablet, oral ingestion tablet [C07AB03or] → **EML!**  
 Atorvastatin 10 mg per tablet, oral ingestion tablet [C10AA05or]  
 Atorvastatin 20 mg per tablet, oral ingestion tablet [C10AA05or] → **EML!**  
 Atorvastatin 40 mg per tablet, oral ingestion tablet [C10AA05or]  
 Atorvastatin 5 mg per tablet, oral ingestion tablet [C10AA05or]  
 Atropine sulfate 0.1% in 5 ml bottle, ophthalmic drop [S01FA01] → **EML!**  
 Atropine sulfate 0.5% in 5 ml bottle, ophthalmic drop [S01FA01] → **EML!**  
 Atropine sulfate 0.5 mg/ml, in 1 ml ampoule, injection solution [A03BA01inj]  
 Atropine sulfate 1% in 5 g tube, ophthalmic ointment [S01FA01]  
 Atropine sulfate 1% in 5 ml bottle, ophthalmic drop [S01FA01] → **EML!**  
 Atropine sulfate 1 mg/ml, in 1 ml ampoule, injection solution [V03AB29inj] → **EML!**  
 Atropine sulfate 1 mg/ml, in 1 ml ampoule, injection solution [A03BA01inj] → **EML!**  
 Atropine sulfate 1 mg per tablet, oral ingestion tablet [A03BA01or] → **EML!**  
 Attapulgite 630 mg per tablet, oral ingestion tablet [A07BC04or]  
 Auranofin 3 mg per tablet, oral ingestion tablet [M01CB03or]  
 Azathioprine 25 mg per tablet, oral ingestion tablet [L04AX01or]  
 Azelaic acid 20% in 5 g tube, topical cream [D10AX03]  
 Azithromycin 200 mg/5 ml, in 15 ml bottle, oral ingestion suspension [J01FA10or]  
 Azithromycin 250 mg per capsule, oral ingestion capsule [J01FA10or] → **EML!**  
 Azithromycin 500 mg per capsule, oral ingestion capsule [J01FA10or] → **EML!**

**B**

- Bacitracin 500 IU/g, in 3.5 g tube, ophthalmic ointment [S01AA30]
- Bacitracin 500 IU + neomycin 5 mg/g, in 15 g tube, topical ointment [D06AX51] → **EML!**
- Baclofen 10 mg per tablet, oral ingestion tablet [M03BX01or]
- Barium sulfate 135 g per pack, oral powder [V08BA01or]
- Barium sulfate 1 kg per pack, oral powder [V08BA02or]
- Barium sulfate 30% parenteral aqueous solution [V08BA01] → **EML!**
- Beclometasone dipropionate 250 mcg per dose, inhalation aerosol [R03BA01ihas] → **EML!**
- Beclometasone dipropionate 50 mcg per dose, inhalation aerosol [R03BA01ihas] → **EML!**
- Beclometasone 0.1 mg + salbutamol 0.05 mg per dose, inhalation solution [R03AK04]
- Beclometasone dipropionate 800 mcg/2 ml, nebulizer solution [R03BA01ihsl]
- Beclometasone dipropionate 800 mcg + salbutamol 1,600 mcg/2 ml, nebulizer solution [R03BA01ihsl]
- Beeswax [V99AB00] → **See: Dispensary List**
- Benzalkonium chloride 1% in 30 ml bottle, topical solution [D08AJ01]
- Benzocaine 5% in 15 g tube, topical ointment [D04AB04]
- Benzoic acid 6% + salicylic acid 3% topical ointment [P03AX01] → **EML!**
- Benzoic acid powder [V99AB00] → **See: Dispensary List**
- Benzoyl peroxide 1% in 100 ml bottle, topical solution [D10AE01]
- Benzoyl peroxide 5% topical cream [D10AE01] → **EML!**
- Benzoyl peroxide 5% topical lotion [D10AE01] → **EML!**
- Benzydamine 0.15% in 100 ml bottle, oral topical solution [A01AD02or] → **See: Dental List**
- Benzydamine 1.5 mg/ml, in 100 ml bottle, topical lotion [M01AX07or]
- Benzyl benzoate 25% in 60 ml bottle, topical lotion [P03AX01] → **EML!**
- Benzyl benzoate powder [P03AX01] → **See: Dispensary List**
- Betaine glucuronate 187.5 mg + diethanolamine glucuronate 50 mg + nicotinamide 10 mg/5 ml, in 100 ml bottle, oral syrup [A05BA20or]
- Betaine glucuronate 150 mg + diethanolamine glucuronate 30 mg + nicotinamide 8.2 mg per capsule, oral ingestion capsule [A16AA06or]
- Betaine glucuronate 75 mg + diethanolamine glucuronate 20 mg + nicotinamide 4.1 mg/ml, in 10 ml, injection solution [A16AA06inj]
- Betaine glucuronate 75 mg + diethanolamine glucuronate 20 mg + nicotinamide 4.1 mg/ml, in 2 ml, injection solution [A16AA06inj]
- Betamethasone (dipropionate or valerate) 0.15% in 15 g tube, topical ointment [D07AC01]
- Betamethasone 0.01% + fusidic acid 2% in 15 g tube, topical cream [D07BC01]
- Betamethasone 0.1% in 15 g tube, topical ointment [D07AC01]
- Betamethasone 0.1% in 15 ml tube, topical lotion [D07AC01]
- Betamethasone 0.1% + neomycin 0.5% in 10 ml bottle, ophthalmic drop [S01CA05]
- Betamethasone 0.1% + neomycin 0.5% in 15 g tube, topical cream [D07CC01] → **EML!**
- Betamethasone 0.1% + neomycin 0.5% in 3 g tube, ophthalmic ointment [S03CA06]
- Betamethasone 0.5 mg per tablet, oral tablet [H02AB01or]
- Betamethasone 0.5 mg + clotrimazole 10 mg per gram, in 15 g tube, topical cream [D07CC01]
- Betamethasone 1% in 10 ml bottle, otic drop [S02BA07]
- Betamethasone 4 mg/ml, in 1 ml ampoule, injection solution [H02AB01inj]
- Betamethasone 50 mcg per dose, inhalation spray [R03BA04]
- Betamethasone sodium phosphate 1% in 20 g tube, topical ointment [D07AC01]
- Bethanechol 10 mg per tablet, oral ingestion tablet [N07AB02or]
- Biperiden 2 mg per tablet, oral ingestion tablet [N04AA02or] → **EML!**

Biperiden 5 mg/ml, in 1 ml ampoule, injection solution [N04AA02inj] → **EML!**  
 Bisacodyl 5 mg per tablet, oral ingestion tablet [A06AB02or] → **EML!**  
 Bismuth subcitrate 120 mg per tablet, oral ingestion tablet [A02BX05or]  
 Bismuth subnitrate powder [A02BX05or] → **See: Dispensary List**  
 Bisoprolol 10 mg per tablet, oral ingestion tablet [C07AB07or]  
 Bisoprolol 2.5 mg per tablet, oral ingestion tablet [C07AB07or]  
 Bisoprolol 5 mg per tablet, oral ingestion tablet [C07AB07or]  
 Bleomycin 15 IU per ampoule, injection solution [L01DC01inj]  
 Boric acid + glycerin 5% (glycerin boric) in 10 ml, topical solution [D08AD01] → **EML!**  
 Boric acid + glycerin 5% (glycerin boric) otic liquid [S02AA03] → **EML!**  
 Boric acid powder [S02AA03] → **See: Dispensary List**  
 Botulinum antitoxin monovalent (E) injection V [J06AA04inj]  
 Botulinum antitoxin polyvalent (A+B+E) injection solution [J06AA04inj]  
 Bretylium tosylate 50 mg/ml, in 10 ml ampoule, injection solution [C01BD02inj]  
 Bretylium tosylate 50 mg/ml, in 2 ml ampoule, injection solution [C01BD02inj]  
 Brimonidine tartrate 0.2% in 5 ml bottle, ophthalmic solution [S01EA05inj]  
 Bromazepam 3 mg per tablet, oral ingestion tablet [N05BA08or]  
 Bromhexine 2 mg/ml, in 2 ml ampoule, injection solution [R05CB02inj]  
 Bromhexine 4 mg/5 ml, in 60 ml, oral syrup [R05CB02or]  
 Bromhexine 8 mg per tablet, oral ingestion tablet [R05CB02or]  
 Bromocriptine 2.5 mg per tablet, oral ingestion tablet [G02CB01or]  
 Bromocriptine mesylate 2.5 mg per tablet, oral ingestion tablet [N04BC01or] → **EML!**  
 Buclizine 5 mg/5 ml, in 120 ml bottle, oral syrup [R06AE01or]  
 Bupivacaine 0.25% in 10 ml ampoule, injection solution [N01BB01inj] → **EML!**  
 Bupivacaine 0.5% in 10 ml ampoule, injection solution [N01BB01inj] → **EML!**  
 Buprenorphine 2 mg per tablet, oral ingestion tablet [N07BC01or] → **EML!** → **See: National Drug Demand Reduction Program**  
 Buprenorphine 8 mg per tablet, oral ingestion tablet [N07BC01or] → **EML!** → **See: National Drug Demand Reduction Program**  
 Buspirone 10 mg per tablet, oral ingestion tablet [N05BE01or]  
 Buspirone 5 mg per tablet, oral ingestion tablet [N05BE01or]  
 Busulfan 2 mg per tablet, oral ingestion tablet [L01AB01or]

**C**


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Caffeine 100 mg + cyclizine 50 mg + ergotamine 2 mg per tablet, oral ingestion tablet [N02CA52or]  
 Caffeine 100 mg + ergotamine 1 mg per tablet, oral ingestion tablet [N02CA52or]  
 Caffeine 10 mg/ml, injection solution [N06BC01inj]  
 Calamine (ZnO + Fe2O3) 8% in 30 g tube, topical cream [D04AX01] → **EML!**  
 Calamine (ZnO + Fe2O3) 8% in 60 ml bottle, topical lotion [D04AX01] → **EML!**  
 Calamine (ZnO + Fe2O3) 8% + diphenhydramine 1% in 30 g tube, topical cream [D04AX01]  
 Calamine (ZnO + Fe2O3) 8% + diphenhydramine 1% in 60 ml bottle, topical lotion [D04AX01]  
 Calamine (ZnO + Fe2O3) powder [D04AX01] → **See: Dispensary List**  
 Calcitonine 100 IU per dose, in 3.7 dose, nasal spray [H05BA01ns]  
 Calcitonine 200 IU/mg, in 3.7 mg, nasal spray [H05BA01ns]  
 Calcitonine 50 IU/ml, in 1 ml ampoule, injection solution [H05BA03inj]  
 Calcitriol (vit D) 0.25 mcg per capsule, oral ingestion capsule [A11CC04or]  
 Calcitriol (vit D) 1 mcg/ml, in 1 ml ampoule, injection solution [A11CC04inj]  
 Calcium carbonate 1.25 g per tablet, oral ingestion tablet [A12AA04or]

Calcium carbonate 1,000 mg + vit D3 2.5 mcg + calcium elemental 400 mg per tablet, oral ingestion tablet [A11CC20or]

Calcium carbonate 500 mg per tablet, oral effervescent tablet [A02AC01or]

Calcium carbonate 500 mg + vit D3 250 IU per tablet, oral ingestion tablet [A02AC10or]

Calcium disodium edetate 200 mg/ml in 5 ml, injection solution [V03AB03inj]

Calcium folinate 15 mg per tablet, oral ingestion tablet [V03AF03or]

Calcium folinate 3 mg/ml, injection solution [V03AF03inj]

Calcium gluconate 10% in 10 ml ampoule, injection solution [A12AA03inj] → **EML!**

Calcium hydroxide [V99AA00] → **See: Dental List**

Calcium hydroxide + iodoform [V99AA00] → **See: Dental List**

Calcium lactate 300 mg per tablet, oral ingestion tablet [A12AA05or]

Calcium pantothenate 100 mg per tablet, oral ingestion tablet [A11HA31or]

Calcium phosphate 210 mg + vit D 350 IU/5 ml, in 110 ml, oral syrup [A11CC20or]

Camphor + chlorphenol + menthol [V99AA00] → **See: Dental List**

Camphor powder [V99AB00] → **See: Dispensary List**

Candesartan 16 mg per tablet, oral ingestion tablet [C09CA06or]

Candesartan 16 mg + hydrochlorothiazide 12.5 mg per tablet, oral ingestion tablet [C09DA06or]

Candesartan 2 mg per tablet, oral ingestion tablet [C09CA06or]

Candesartan 32 mg per tablet, oral ingestion tablet [C09CA06or]

Candesartan 8 mg per tablet, oral ingestion tablet [C09CA06or]

Capreomycin 1 g per vial, injection powder [J04AB30inj] → **EML!** → **See: National Tuberculosis Program List**

Capsaicin 0.075% in 25 g, topical gel [D04AB11]

Captopril 25 mg per tablet, oral ingestion tablet [C09AA01or] → **EML!**

Captopril 25 mg + hydrochlorothiazide 12.5 mg per tablet, oral ingestion tablet [C09BA01]

Captopril 50 mg per tablet, oral ingestion tablet [C09AA01or]

Carbamazepine 100 mg per tablet, oral ingestion tablet [N03AF01or] → **EML!**

Carbamazepine 200 mg per tablet, oral ingestion tablet [N03AF01or] → **EML!**

Carbenicillin 1 g per ampoule, injection solution [J01CA03inj]

Carbenicillin 382 mg per tablet, oral ingestion tablet [J01CA03or]

Carbenicillin 5 g per ampoule, injection solution [J01CA03inj]

Carbidopa 10 mg + levodopa 100 mg per tablet, oral ingestion tablet [N04BA02or] → **EML!**

Carbidopa 25 mg + levodopa 250 mg per tablet, oral ingestion tablet [N04BA02or] → **EML!**

Carbidopa 50 mg + levodopa 250 mg per tablet, oral ingestion tablet [N04BA02or]

Carbimazole 5 mg per tablet, oral ingestion tablet [H03BB01or] → **EML!**

Carvedilol 12.5 mg per tablet, oral ingestion tablet [C07AG02or]

Carvedilol 25 mg per tablet, oral ingestion tablet [C07AG02or]

Carvedilol 6.25 mg per tablet, oral ingestion tablet [C07AG02or]

Castor oil liquid [V99AB00] → **See: Dispensary List**

Cefaclor 125 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01DC04or]

Cefaclor 250 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01DC04or]

Cefaclor 250 mg per tablet, oral ingestion tablet [J01DC04or]

Cefaclor 500 mg per capsule, oral ingestion capsule [J01DC04or]

Cefaclor 50 mg/ml, injection solution [J01DC04inj]

Cefadroxil 125 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01DB05or]

Cefadroxil 250 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01DB05or]

Cefadroxil 500 mg per capsule, oral ingestion capsule [J01DB05or]

Cefalexin 125 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01DB01or]

Cefalexin 250 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01DB01or]

Cefalexin 250 mg per capsule, oral ingestion capsule [J01DB01or]  
Cefalexin 500 mg per capsule, oral ingestion capsule [J01DB01or]  
Cefazolin 1 g per vial, injection vial [J01DB04inj]  
Cefepime 1 g per vial, injection vial [J01DE01inj]  
Cefepime 500 mg per vial, injection vial [J01DE01inj]  
Cefixime 100 mg/5 ml, in 30 ml bottle, oral ingestion suspension [J01DD08or]  
Cefixime 200 mg/5 ml, in 30 ml bottle, oral ingestion suspension [J01DD08or]  
Cefixime 200 mg per tablet, oral ingestion tablet [J01DD08or]  
Cefixime 400 mg per tablet, oral ingestion tablet [J01DD08or]  
Cefotaxime 1 g per vial, injection vial [J01DD01inj]  
Cefotaxime 250 mg per vial, injection powder [J01DD01inj]  
Cefotaxime 500 mg per vial, injection powder [J01DD01inj]  
Cefradine 125 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01DB09or]  
Cefradine 1 g per vial, injection powder [J01DB09inj]  
Cefradine 250 mg/5 ml, in 60 ml, oral ingestion suspension [J01DB09or]  
Cefradine 250 mg per capsule, oral ingestion capsule [J01DB09or]  
Cefradine 500 mg per capsule, oral ingestion capsule [J01DB09or]  
Cefradine 500 mg per vial, injection powder [J01DB09inj]  
Ceftazidime 1 g per vial, injection powder [J01DD02inj]  
Ceftazidime 250 mg per vial, injection powder [J01DD02inj]  
Ceftazidime 500 mg per vial, injection powder [J01DD02inj]  
Ceftriaxone 1 g per vial, injection powder [J01DD04inj] → **EML!**  
Ceftriaxone 250 mg per vial, injection powder [J01DD04inj]  
Ceftriaxone 2 g per vial, injection powder [J01DD04inj]  
Ceftriaxone 500 mg per vial, injection powder [J01DD04inj] → **EML!**  
Cefuroxime 1.5 g per vial, injection powder [J01DC02inj]  
Cefuroxime 125 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01DC02or]  
Cefuroxime 125 mg per tablet, oral ingestion tablet [J01DC02or]  
Cefuroxime 250 mg per vial, injection powder [J01DC02inj]  
Cefuroxime 750 mg per vial, injection powder [J01DC02inj]  
Celecoxib 100 mg per capsule, oral ingestion capsule [M01AH01or]  
Celecoxib 200 mg per capsule, oral ingestion capsule [M01AH01or]  
Cement, glass ionomer [V99AA00] → **See: Dental List**  
Cement, phosphate + liquid [V99AA00] → **See: Dental List**  
Cement, silicate + liquid [V99AA00] → **See: Dental List**  
Cetalkonium chloride 0.01% + choline salicylate 8.7% + ethanol 39% in 10 g tube, topical gel [D08AX54]  
Cetirizine 10 mg per tablet, oral ingestion tablet [R06AE07or]  
Cetirizine 1 mg/ml, in 60 ml bottle, oral syrup [R06AE07or]  
Cetirizine 1 mg/ml, injection solution [R06AE07inj]  
Cetrimide 15% + chlorhexidine gluconate 1.5% topical solution [D08AC52] → **EML!**  
Cetylpyridinium 0.15% + lidocaine 2% in 10 g tube, oral topical gel [A01AB11] → **See: Dental List**  
Cetylpyridinium 0.15% + lidocaine 2% oral topical solution [A01AB11] → **See: Dental List**  
Chloral hydrate 500 mg/5 ml, in 120 ml, oral ingestion solution [N05CC01or]  
Chlorambucil 2 mg per tablet, oral ingestion tablet [L01AA02or]  
Chloramphenicol 0.5% in 2.5 ml bottle, ophthalmic drop [S01AA01] → **EML!**  
Chloramphenicol 0.5% + dexamethasone 0.1% in 2.5 ml bottle, ophthalmic drop [S01CA01]  
Chloramphenicol 1% in 3.5 g tube, ophthalmic ointment [S01AA01]  
Chloramphenicol 1% + hydrocortisone 0.5% in 10 ml bottle, ophthalmic drop [S01CA03]

Chloramphenicol 125 mg/5 ml, in 100 ml bottle, oral syrup [J01BA01or] → **EML!**  
 Chloramphenicol 1 g per vial, injection powder [J01BA01inj] → **EML!**  
 Chloramphenicol 250 mg per capsule, oral ingestion capsule [J01BA01or] → **EML!**  
 Chloramphenicol 500 mg per vial, injection powder [J01BA01inj] → **EML!**  
 Chlordiazepoxide 10 mg per tablet, oral ingestion tablet [N05BA02or] → **EML!**  
 Chlordiazepoxide 5 mg per tablet, oral ingestion tablet [N05BA02or]  
 Chlorhexidine 0.15% + sodium fluoride 0.5% in 50 ml bottle, oral topical solution [A01AB03or]  
     → **See: Dental List**  
 Chlorhexidine digluconate 5% topical solution [D08AC02] → **EML!**  
 Chlorhexidine digluconate 7.1% topical solution or gel [D08AC02] → **EML!**  
 Chloroquine (base) 150 mg per tablet, oral ingestion tablet [P01BA01or] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Chloroquine (base) 50 mg/5 ml, in 60 ml, oral syrup [P01BA01or] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Chlorothiazide 500 mg per tablet, oral ingestion tablet [C03AA04or]  
 Chloroxylenol 4.8% in 50 ml, topical solution [D08AE05]  
 Chlorphenamine maleate 10 mg/ml, in 1 ml, injection solution [R06AB04inj] → **EML!**  
 Chlorphenamine maleate 4 mg per tablet, oral ingestion tablet [R06AB04or] → **EML!**  
 Chlorphenol + menthol [V99AA00] → **See: Dental List**  
 Chlorpromazine 100 mg per tablet, oral ingestion tablet [N05AA01or] → **EML!**  
 Chlorpromazine 25mg per tablet, oral ingestion tablet [N05AA01or] → **EML!**  
 Chlorpromazine 25 mg/ml, in 2 ml ampoule, injection solution [N05AA01inj] → **EML!**  
 Chlorpromazine 50mg per tablet, oral ingestion tablet [N05AA01or]  
 Chlorpropamide 250 mg per tablet, oral ingestion tablet [A10BB02or]  
 Chlortalidone (chlorthalidone) 100 mg per tablet, oral ingestion tablet [C03BA04or]  
 Colecalciferol (vit D3) 600,000 IU/ml, injection solution [A11CC05inj] → **EML!**  
 Chymotrypsin 5,000 IU/ml, in 1 ml ampoule, injection solution [B06AA04inj]  
 Chymotrypsin 5,000 IU per tablet, oral ingestion tablet [B06AA04or]  
 Ciclosporin (cyclosporine) 100 mg/5 ml, oral ingestion solution [L04AD01or]  
 Ciclosporin 100 mg per capsule, oral ingestion capsule [L04AD01or]  
 Ciclosporin 25 mg per capsule, oral ingestion capsule [L04AD01or]  
 Cilastatin 1 g + imipenem 1 g/ml, injection vial [J01DH51inj]  
 Cilastatin 250 mg + imipenem 250 mg per vial, injection powder [J01DH51inj]  
 Cilastatin 500 mg + imipenem 500 mg per vial, injection powder [J01DH51inj]  
 Cimetidine 100 mg/ml, in 2 ml ampoule, injection solution [A02BA01inj]  
 Cimetidine 200 mg/5 ml, in 100 ml bottle, oral ingestion suspension [A02BA01or]  
 Cimetidine 200 mg per tablet, oral ingestion tablet [A02BA01or]  
 Cimetidine 400 mg per tablet, oral ingestion tablet [A02BA01or]  
 Cinnarizine 25 mg per tablet, oral ingestion tablet [N07CA02or]  
 Cinnarizine 75 mg per tablet, oral ingestion tablet [N07CA02or]  
 Ciprofloxacin 0.3% in 2.5 ml bottle, ophthalmic drop [S01AX13]  
 Ciprofloxacin 100 mg per tablet, oral ingestion tablet [J01MA02or]  
 Ciprofloxacin 125 mg/5 ml, in 60 ml bottle, oral ingestion syrup [J01MA02or]  
 Ciprofloxacin 250 mg/5 ml, in 60 ml bottle, oral ingestion syrup [J01MA02or]  
 Ciprofloxacin 250 mg per tablet, oral ingestion tablet [J01MA02or] → **EML!**  
 Ciprofloxacin 2 mg/ml, in 100 ml ampoule, infusion solution [J01MA02inj]  
 Ciprofloxacin 2 mg/ml, in 50 ml ampoule, infusion solution [J01MA02inj] → **EML!**  
 Ciprofloxacin 500 mg per tablet, oral ingestion tablet [J01MA02or] → **EML!**

Ciprofloxacin 750 mg per tablet, oral ingestion tablet [J01MA02or]  
 Cisapride 10 mg per tablet, oral ingestion tablet [A03FA02or]  
 Citalopram 20 mg per tablet, oral ingestion tablet [N06AB04or]  
 Citicoline 125 mg/ml, in 2 ml ampoule, injection solution [N06BX06inj]  
 Citric acid 2.153 mg + sodium bicarbonate 2.27 mg, oral ingestion tablet [A02AH00or]  
 Clarithromycin 125 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01FA09or]  
 Clarithromycin 250 mg per tablet, oral ingestion tablet [J01FA09or]  
 Clarithromycin 500 mg per tablet, oral ingestion tablet [J01FA09or]  
 Clemastine 1 mg/ml, in 2 ml, injection solution [R06AA04inj]  
 Clemastine 1 mg per tablet, oral ingestion tablet [R06AA04or]  
 Clemastine 1 mg + pseudoephedrine HCl 90 mg per tablet, oral ingestion tablet [R06AA04or]  
 Clemastine 2 mg/ml, in 2 ml, injection solution [R06AA04inj]  
 Clemastine 2 mg per tablet, oral ingestion tablet [R06AA04or]  
 Clidinium bromide 2.5 mg + chlordiazepoxide 5 mg per tablet, oral ingestion tablet [A03CA02or]  
 Clindamycin 150 mg per capsule, oral ingestion capsule [J01FF01or] → **EML!**  
 Clindamycin 900 mg + dextrose 5% in 50 ml, parenteral infusion [J01FF01inj] → **EML!**

Clindamycin 2% in 40 g tube, vaginal gel [G01AA10vg]  
 Clindamycin 300 mg per capsule, oral ingestion capsule [J01FF01or]  
 Clindamycin 1% in 10 ml tube, topical lotion [D10AF01]  
 Clindamycin 2% in 10 ml tube, topical lotion [D10AF01]  
 Clobetasol 0.05% in 15 g tube, topical ointment [D07AD01]  
 Clofazimine (CLO) 100 mg per capsule, oral ingestion capsule [J04BA01or] → **EML!** → See: **National Leprosy Program List**

Clofazimine (CLO) 50 mg per capsule, oral ingestion capsule [J04BA01or] → **EML!** → See: **National Leprosy Program List**

Clomifene 25 mg per tablet, oral ingestion tablet [G03GB02or]  
 Clomifene 50 mg per tablet, oral ingestion tablet [G03GB02or] → **EML!**  
 Clomipramine 25 mg per tablet, oral ingestion tablet [N06AA04or] → **EML!**  
 Clomipramine 50 mg per tablet, oral ingestion tablet [N06AA04or] → **EML!**  
 Clonazepam 1 mg per tablet, oral ingestion tablet [N03AE01or]  
 Clonazepam 2 mg per tablet, oral ingestion tablet [N03AE01or]  
 Clonidine 0.1 mg per tablet, oral ingestion tablet [C02AC01or]  
 Clonidine 0.3 mg per tablet, oral ingestion tablet [C02AC01or]  
 Clopidogrel 75 mg per tablet, oral ingestion tablet [B01AC04or]  
 Clopidogrel 75 mg + acetylsalicylic acid 75 mg per tablet, oral ingestion tablet [M01BX00or]  
 Clorazepate dipotassium 5 mg per capsule, oral ingestion capsule [N05BA05or]  
 Clotrimazole 1% in 15 g tube, topical cream [D01AC01]  
 Clotrimazole 1% in 15 ml bottle, oral topical drop [A01AB18or]  
 Clotrimazole 1% in 45 g tube, vaginal cream [G01AF02vg]  
 Clotrimazole 100 mg per tablet, vaginal tablet [G01AF02vg]  
 Clotrimazole 10 mg + dexamethasone 4 mg per gram, in 15 g tube, topical cream [D07CB04]  
 Clotrimazole 2% in 25 g tube, vaginal cream [G01AF02vg]  
 Clotrimazole 500 mg per tablet, oral ingestion tablet [G01AF02or]  
 Clotrimazole 500 mg per tablet, vaginal tablet [G01AF02vg]  
 Cloxacillin 125 mg/5 ml, in 100 ml bottle, oral syrup [J01CF02or]  
 Cloxacillin 250 mg/5 ml, in 100 ml bottle, oral syrup [J01CF02or]  
 Cloxacillin 250 mg per capsule, oral ingestion capsule [J01CF02or] → **EML!**  
 Cloxacillin 500 mg per capsule, oral ingestion capsule [J01CF02or] → **EML!**

Cloxacillin 500 mg per vial, injection powder [J01CF02inj] → **EML!**  
 Coagulation factor II, VII, IX, X per ampoule, injection solution [B02BD01inj] → **EML!**  
 Coagulation factor II, VII, X per ampoule, injection solution [B02BD10inj]  
 Coagulation factor IX per ampoule, injection solution [B02BD04inj]  
 Coagulation factor VII recombinant activated coagulation factor VII 1.2 mg/ml, injection solution [B02BD01inj]  
 Coagulation factor VIII per ampoule, injection solution [B02BD02inj] → **EML!**  
**Coal tar [V99AB00]** → See: **Dispensary List**  
 Coal tar 1% topical shampoo [D05AA01]  
 Coal tar 2% topical soap [D05AA01]  
 Coal tar 5% in 100 g bottle, topical lotion [D05AA01] → **EML!**  
 Cod liver oil 50 g + zinc oxide 30 g, topical ointment [D03AA01]  
 Codeine phosphate 15 mg/5 ml, in 60 ml, oral syrup [R05DA04or]  
 Codeine phosphate 30 mg per tablet, oral ingestion tablet [R05DA04or]  
 Colchicine 0.5 mg per tablet, oral ingestion tablet [M04AC01or] → **EML!**  
 Colecalciferol (vit D3) 400 IU + retinol (vit A) 1,500 IU/ml, oral drop [A11CB00or]  
 Colestyramine (cholestyramine) 4 g per sachet, oral ingestion powder [C10AC01or] → **EML!**  
 Colistin 250,000 IU per 5 ml, oral ingestion suspension [A07AA10or]  
 Composite bonding agent [V99AA00] → See: **Dental List**  
 Condom with and without nonoxinol 1 pce per piece, topical [G02BX01] → **EML!** → See: **National Family Planning Program List**  
 Copper sulfate powder [V03AB20] → See: **Dispensary List**  
 Creosote + lidocaine + paraformaldehyde [V99AA00] → See: **Dental List**  
**Cresol [V99AB00]** → See: **Dispensary List**  
**Cresophen [V99AA00]** → See: **Dental List**  
 Cromoglycic acid (cromolyn) 2% in 2.5 ml bottle, ophthalmic drop [S01GX01]  
 Cromoglycic acid 20 mg per dose, inhalation inhaler [R03BC01]  
 Cromoglycic acid 4% in 2.5 ml bottle, ophthalmic drop [S01GX01]  
 Cromoglycic acid 5 mg per dose, inhalation inhaler [R03BC01]  
 Crystal violet powder [D01AE02] → See: **Dispensary List**  
 Cyanocobalamine (vit B12) 500 mcg/ml, injection solution [B03BA01inj]  
 Cyclizine 50 mg per tablet, oral ingestion tablet [R06AE03or]  
 Cyclopentolate 0.5% in 2 ml bottle, ophthalmic drop [S01FA04]  
 Cyclopentolate 1% in 2 ml bottle, ophthalmic drop [S01FA04]  
 Cyclophosphamide 25 mg per tablet, oral ingestion tablet [L01AA01or]  
 Cyclophosphamide 500 mg per vial, injection powder [L01AA01inj]  
 Cycloserine 250 mg per capsule, oral ingestion capsule [J04AB01or] → **EML!** → See: **National Tuberculosis Program List**

Cyproheptadine 2 mg/5 ml, in 60 ml bottle, oral syrup [R06AX02or]  
 Cyproheptadine 4 mg per tablet, oral ingestion tablet [R06AX02or]  
 Cyproterone 2 mg + ethinylestradiol 0.035 mg per tablet, oral ingestion tablet [G03HB01or]  
 Cyproterone acetate 50 mg per tablet, oral ingestion tablet [G03HA01or]  
 Cytarabine 100 mg/ml, in 20 ml, injection vial [L01BC01inj]

## D

Dacarbazine 100 mg per vial, injection powder [L01AX04inj]  
 Dacarbazine 200 mg per vial, injection powder [L01AX04inj]  
 Dactinomycin 0.5 mg per vial, injection vial [L01DA01inj]

Dantrolene 20 mg per vial, injection vial [M03CA01inj]

Dantrolene 25 mg per capsule, oral ingestion capsule [M03CA01or]

Dapsone (DDS) 100 mg per tablet, oral ingestion tablet [J04BA02or] → **EML!** → **See: National Leprosy**

**Program List**

Dapsone (DDS) 25 mg per tablet, oral ingestion tablet [J04BA02or] → **EML!** → **See: National Leprosy**

**Program List**

Dapsone (DDS) 50 mg per tablet, oral ingestion tablet [J04BA02or] → **EML!** → **See: National Leprosy**

**Program List**

Daunorubicin 20 mg/ml, in 1 ml, injection solution [L01DB02inj]

Daunorubicin 40 mg/ml, in 1 ml, injection solution [L01DB02inj]

Deferoxamine mesylate 500 mg per vial, injection powder [V03AC01inj] → **EML!**

Delavirdine 200 mg per tablet, oral ingestion tablet [J05AG02or] → **EML!**

Dental amalgam [V99AA00] → **See: Dental List**

Dental composite, light cure [V99AA00] → **See: Dental List**

Dental composite, self cure [V99AA00] → **See: Dental List**

Dental etchant [V99AA00] → **See: Dental List**

Denture base, heat cure + liquid [V99AA00] → **See: Dental List**

Denture base, self cure + liquid [V99AA00] → **See: Dental List**

Desmopressin 100 mcg per tablet, oral ingestion tablet [H01BA02or]

Desmopressin 10 mcg per dose, nasal spray [H01BA02ns]

Desmopressin 200 mcg per tablet, oral ingestion tablet [H01BA02or]

Desmopressin 2 mcg per dose, nasal spray [H01BA02ns]

Desmopressin 4 mcg/ml, injection solution [H01BA02inj]

Dexamethasone 0.1% + neomycin 0.5% in 3 g tube, ophthalmic drop [S03CA01]

Dexamethasone 0.1% + tobramycin 0.3% in 2.5 ml bottle, ophthalmic drop [S01CA01]

Dexamethasone 0.5 mg per tablet, oral ingestion tablet [H02AB02or]

Dexamethasone 1 mg/g, in 15 g tube, topical cream [D07AB19]

Dexamethasone 4 mg/ml, in 1 ml ampoule, injection solution [H02AB02inj]

Dexamethasone 4 mg/ml, in 2 ml ampoule, injection solution [H02AB02inj]

Dextran 70 6% injection solution [B05AA05inj] → **EML!**

Dextromethorphan 10 mg + chlorphenamine 2 mg/5 ml, in 60 ml, oral syrup [R06AB54or]

Dextromethorphan 15 mg/5 ml, oral syrup [R05DA09or]

Dextromethorphan 15 mg per tablet, oral ingestion tablet [R05DA09or]

Dextromethorphan 15 mg + pseudoephedrine 30 mg/5 ml, in 60 ml bottle, oral syrup [R01BA52or]

Dextromethorphan 15 mg + pseudoephedrine 30 mg per tablet, oral ingestion tablet [R01BA52or]

Dextromethorphan 6.25 mg + diphenhydramine 5 mg/5 ml, oral syrup [R01BA52or]

Diatrizoic acid (amidotrizoate) 140 mg/ml, in 20 ml ampoule, injection solution [V08AA01inj]

Diatrizoic acid (amidotrizoate) 240 mg/ml, in 20 ml ampoule, injection solution [V08AA01inj]

Diatrizoic acid (amidotrizoate) 370 mg/ml, injection solution [V08AA01inj]

Diatrizoic acid (amidotrizoate) 420 mg/ml, injection solution [V08AA01inj] → **EML!**

Diatrizoic acid meglumine 66% + diatrizoic acid sodium 10% (Urograffin) injection solution

[V08AA01inj] → **EML!**

Diazepam 10 mg per tablet, oral ingestion tablet [N05BA01or] → **EML!**

Diazepam 2 mg per tablet, oral ingestion tablet [N05BA01or] → **EML!**

Diazepam 5 mg/ml in 2 ml, injection solution [N05BA01inj] → **EML!**

Diazepam 5 mg per tablet, oral ingestion tablet [N05BA01or] → **EML!**

Diazoxide 50 mg per tablet, oral ingestion tablet [C02DA01or]

Diazoxide 50 mg per tablet, oral ingestion tablet [V03AH01or]

Dichlorobenzyl alcohol 1.2 mg + amylmetacresol 0.6 mg per tablet, oral ingestion tablet [R02AA03or]  
Diclofenac (sodium or potassium) 100 mg per tablet, oral ingestion tablet [M01AB05or]  
Diclofenac (sodium or potassium) 25 mg/ml, in 3 ml, injection solution [M01AB05inj] → **EML!**  
Diclofenac (sodium or potassium) 25 mg per tablet, oral ingestion tablet [M01AB05or]  
Diclofenac (sodium or potassium) 50 mg per tablet, oral ingestion tablet [M01AB05or] → **EML!**  
Diclofenac (sodium or potassium) 75 mg per tablet, oral ingestion tablet [M01AB05or] → **EML!**  
Diclofenac 0.1% in 2.5 ml bottle, ophthalmic drop [S01BC03]  
Diclofenac 0.3% in 2.5 ml bottle, ophthalmic drop [S01BC03]  
Diclofenac 1% in 20 g tube, topical gel [D11AX18]  
Diclofenac 2% in 20 g tube, topical cream [M02AA15]  
Dicyclomine 10 mg/ml, in 2 ml, injection solution [A03AA07inj]  
Dicycloverine (dicyclomine) 10 mg/ml, in 15 ml, oral drop [A03AA07or]  
Dicycloverine (dicyclomine) 20 mg per tablet, oral ingestion tablet [A03AA07or]  
Diethylstilbestrol 1 mg per tablet, oral ingestion tablet [L02AA01or]  
Diflucortolone 0.1% in 15 g tube, topical cream [D07AC06]  
Diflucortolone 1 mg/g, in 15 g tube, topical cream [D07AC06]  
Diflucortolone 3 mg/g, in 15 g tube, topical cream [D07AC06]  
Digoxin 0.05 mg/ml, oral drop [C01AA05or]  
Digoxin 0.125 mg per tablet, oral ingestion tablet [C01AA05or]  
Digoxin 0.1 mg/ml, injection solution [C01AA05inj]  
Digoxin 0.25 mg/ml, in 2 ml ampoule, injection solution [C01AA05inj] → **EML!**  
Digoxin 0.25 mg per tablet, oral ingestion tablet [C01AA05or] → **EML!**  
Digoxin specific antibody fractions 40 mg/ml, injection powder [V03AB24inj]  
Dihydroemetine 30 mg/ml, in 2 ml ampoule, injection solution [P01AX09inj]  
Diloxanide furoate 100 mg + metronidazole 40 mg/5 ml, in 60 ml, oral syrup [P01AC01or]  
Diloxanide furoate 250 mg + metronidazole 200 mg per tablet, oral ingestion tablet [P01AC01or]  
Diloxanide furoate 250 mg + metronidazole 400 mg per tablet, oral ingestion tablet [P01AC01or]  
Diloxanide furoate 500 mg per tablet, oral ingestion tablet [P01AC01or]  
Diloxanide furoate 500 mg + metronidazole 400 mg per tablet, oral ingestion tablet [P01AC01or]  
Diltiazem 120 mg per tablet, oral ingestion tablet [C08DB01or]  
Diltiazem 180 mg per tablet, oral ingestion tablet [C08DB01or]  
Diltiazem 60 mg per tablet, oral ingestion tablet [C08DB01or]  
Dimenhydrinate 3.125 mg/ml, in 60 ml, oral ingestion suspension [R06AA52or]  
Dimenhydrinate 50 mg/ml, in 1 ml, injection solution [R06AA52inj]  
Dimenhydrinate 50 mg per tablet, oral ingestion tablet [R06AA52or] → **EML!**  
Dimercaprol (BAL) 100 mg/ml, in 3 ml ampoule, injection solution [V03AB09inj] → **EML!**  
Dimercaprol (BAL) 50 mg/ml, in 2 ml, injection solution [V03AB09inj] → **EML!**  
Dioctahedral smectite (diosmectite) 3 g powder per sachet [A07BC05]  
Diphenhydramine chloride 12.5 mg + ammonium chloride 100 mg + sodium acetate 50 mg +  
menthol 1 mg/5 ml, in 60 ml, oral syrup [R06AA52or]  
Diphenhydramine chloride 25 mg per tablet, oral ingestion tablet [R06AA02or] → **EML!**  
Diphenhydramine chloride 50 mg per tablet, oral ingestion tablet [R06AA02or] → **EML!**  
Diphenhydramine chloride 5 mg/ml, in 60 ml, oral syrup [R06AA02or] → **EML!**  
Diphenhydramine chloride 8 mg + aminophylline 32 mg + ammonium chloride 30 mg + menthol 0.98 mg/ml,  
in 60 ml, oral syrup [R06AA52or]  
Diphenhydramine hydrochloride 13.5 mg + ammonium chloride 131.5 mg/5 ml, in 60 ml, oral syrup  
[R06AA52or]  
Diphenhydramine teolate 50 mg/ml, injection solution [R06AA02inj]

Diphenhydramine teoclolate 50 mg per tablet, oral ingestion tablet [R06AA02or] → **EML!**  
 Diphtheria antitoxin 10,000 IU per vial, injection vial [J06AA01inj] → **EML!**  
 Diphtheria antitoxin 20,000 IU per vial, injection vial [J06AA01inj] → **EML!**  
 Diphtheria, pertussis, tetanus vaccine 20 doses per vial, injection vial [J07AF30inj] → **EML!**  
 Diphtheria, pertussis, tetanus, hepatitis B vaccine 10 doses/ml, injection vial [J07CA52inj] → **EML!**  
 Diphtheria, pertussis, tetanus, hepatitis B, Hib vaccine 20 doses per vial, injection vial [J07CA03inj] → **EML!**  
 Dipyridamole 25 mg per tablet, oral ingestion tablet [B01AC07or]  
 Dipyridamole 75 mg per tablet, oral ingestion tablet [B01AC07or]  
 Disodium hydrogen citrate 26.3 mg/ml, in 100 ml bottle, oral ingestion syrup [B05CB02or]  
 Dithranol (anthraline, cignoline) 0.1% in 50 g tube, topical ointment [D05AC01]  
 Dithranol (anthraline, cignoline) 0.5% in 50 g tube, topical ointment [D05AC01]  
 Dithranol (anthraline, cignoline) 1% in 50 g tube, topical ointment [D05AC01]  
 Dithranol (anthraline, cignoline) 2% in 50 g tube, topical ointment [D05AC01]  
 Dobutamine (Dobutrex) 12.5 mg/ml, in 20 ml vial, injection solution [C01CA07inj]  
 Docusate sodium 200 mg per tablet, oral ingestion tablet [A06AA02or]  
 Domperidone 10 mg/ml, in 20 ml, oral ingestion drop [A03FA03or]  
 Domperidone 10 mg per tablet, oral ingestion tablet [A03FA03or]  
 Domperidone 5 mg/5 ml, in 60 ml bottle, oral ingestion syrup [A03FA03or]  
 Dopamine 40 mg/ml, in 5 ml vial, injection solution [C01CA04inj] → **EML!**  
 Dosulepin hydrochloride 25 mg per tablet, oral ingestion tablet [N06AA16or]  
 Doxazosin 2 mg per tablet, oral ingestion tablet [C02CA04or]  
 Doxazosin 4 mg per tablet, oral ingestion tablet [C02CA04or]  
 Doxazosin 8 mg per tablet, oral ingestion tablet [C02CA04or]  
 Doxepin 25 mg per tablet, oral ingestion tablet [N06AA12or]  
 Doxepin 5% in 30 g tube, topical cream [D04AX02]  
 Doxorubicin 10 mg per vial, injection powder [L01DB01inj]  
 Doxorubicin 50 mg per vial, injection powder [L01DB01inj]  
 Doxycycline 100 mg per capsule, oral ingestion capsule [J01AA02or] → **EML!**  
 Doxylamine 10 mg + pyridoxine (vit B6) 10 mg per tablet, oral ingestion tablet [R06AA59or]  
 Drotaverine 20 mg/ml, in 2 ml ampoule, injection solution [A03AD02inj]  
 Drotaverine 40 mg per tablet, oral ingestion tablet [A03AD02or]  
 Duloxetine 20 mg per capsule, oral ingestion capsule [N06AX21or]  
 Duloxetine 60 mg per capsule, oral ingestion capsule [N06AX21or]

**E**


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Edrophonium chloride 10 mg/ml, in 1 ml ampoule, injection solution [N07AA31inj]  
 Efavirenz (EFV) 100 mg per capsule, oral ingestion capsule [J05AG03or] → **See: National HIV/AIDS Program List**  
 Efavirenz (EFV) 150 mg/5 ml, oral liquid [J05AG03or] → **See: National HIV/AIDS Program List**  
 Efavirenz (EFV) 200 mg per capsule, oral ingestion capsule [J05AG03or] → **See: National HIV/AIDS Program List**  
 Efavirenz (EFV) 50 mg per capsule, oral ingestion capsule [J05AG03or] → **See: National HIV/AIDS Program List**  
 Efavirenz (EFV) 600 mg per tablet, oral ingestion tablet [J05AG03or] → **See: National HIV/AIDS Program List**  
 Efavirenz 600 mg + emtricitabine 200 mg + tenofovir 300 mg (EFV/FTC/TDF) per tablet, oral ingestion tablet [J05AR06or] → **See: National HIV/AIDS Program List**  
 Emtricitabine (FTC) 200 mg per capsule, oral ingestion capsule [J05AF09or] → **See: National HIV/AIDS Program List**

Emtricitabine (FTC) 50 mg/5 ml, oral liquid [J05AF09or] → See: National HIV/AIDS Program List

Emtricitabine 200 mg + tenofovir 300 mg (FTC/TDF) per tablet, oral ingestion tablet [J05AR03or] → EML! → See: National HIV/AIDS Program List

Emulsifying wax [V99AB00] → See: Dispensary List

Enalapril 10 mg per tablet, oral ingestion tablet [C09AA02or] → EML!

Enalapril 20 mg per tablet, oral ingestion tablet [C09AA02or]

Enalapril 5 mg per tablet, oral ingestion tablet [C09AA02or]

Enflurane 0.5–3% (in nitrous oxide oxygenic) in 250 ml bottle, inhalation gas [N01AB04]

Enfuvirtide 180 mg per tablet, oral ingestion tablet [J05AX07or] → EML! → See: National HIV/AIDS Program List

Enoxaparin 100 mg/ml, in 1 ml ampoule, injection solution [B01AB05inj] → EML!

Entecavir 0.5 mg per tablet, oral ingestion tablet [J05AF10or] → See: National HIV/AIDS Program List

Ephedrine 0.5% in 10 ml bottle, nasal drop [R01AB05]

Ephedrine 1% in 10 ml bottle, nasal drop [R01AB05]

Ephedrine HCl 30 mg/ml, in 1 ml ampoule, injection solution [C01CA26inj]

Ephedrine liquid [V99AB00] → See: Dispensary List

Epinephrine (adrenaline) 0.1% in 1 ml ampoule, injection solution [C01CA24inj] → EML!

Epinephrine (adrenaline) 0.5% in 15 ml bottle, ophthalmic drop [S01EA01]

Epinephrine (adrenaline) 2% in 15 ml bottle, ophthalmic drop [S01EA01]

Ergoloid mesylates (co-dergocrine mesylate) 0.3 mg/ml, in 1 ml, injection solution [C04AE01inj]

Ergoloid mesylates (co-dergocrine mesylate) 1.5 mg per tablet, oral ingestion tablet [C04AE01or]

Ergoloid mesylates (co-dergocrine mesylate) 1 mg/ml, in 15 ml, oral ingestion drop [C04AE01or]

Ergoloid mesylates (co-dergocrine mesylate) 4.5 mg per tablet, oral ingestion tablet [C04AE01or]

Ergometrine maleate 0.2 mg/ml, injection solution [G02AB03inj] → EML!

Ergometrine maleate 0.2 mg per tablet, oral ingestion tablet [G02AB03or] → EML!

Ergotamine 1 mg per tablet, oral ingestion tablet [N02CA02or] → EML!

Erythromycin (ethylsuccinate) 100 mg/ml in 100 ml bottles, oral ingestion suspension [J01FA01or]

Erythromycin (base) 125 mg/5 ml, in 60 ml, oral ingestion suspension [J01FA01or] → EML!

Erythromycin (ethylsuccinate) 200 mg per tablet, oral ingestion tablet [J01FA01or] → EML!

Erythromycin (ethylsuccinate) 400 mg per tablet, oral ingestion tablet [J01FA01or] → EML!

Erythromycin 2% in 60 ml bottle, topical solution [D10AF02]

Erythromycin stearate 250 mg per tablet, oral ingestion tablet [J01FA01or] → EML!

Erythromycin stearate 500 mg per tablet, oral ingestion tablet [J01FA01or] → EML!

Erythropoietin alfa 2,000 IU/ml, injection solution [B03XA01inj]

Erythropoietin alfa 4,000 IU/ml, injection solution [B03XA01inj]

Erythropoietin beta 2,000 IU/ml, injection solution [B03XA01inj]

Erythropoietin beta 4,000 IU/ml, injection solution [B03XA01inj]

Escitalopram 10 mg per tablet, oral ingestion tablet [N06AB10or]

Escitalopram 20 mg per tablet, oral ingestion tablet [N06AB10or]

Escitalopram 5 mg per tablet, oral ingestion tablet [N06AB10or]

Esomeprazole 20 mg per tablet, oral ingestion tablet [A02BC05or]

Esomeprazole 2 mg/ml, in 10 ml vial, injection solution [A02BC05inj]

Esomeprazole 40 mg per tablet, oral ingestion tablet [A02BC05or]

Esomeprazole 4 mg/ml, in 10 ml vial, injection solution [A02BC05inj]

Estazolam 1 mg per tablet, oral ingestion tablet [N05CD04or]

Estazolam 2 mg per tablet, oral ingestion tablet [N05CD04or]

Estradiol 0.625 mg/g, in 42.5 g, vaginal cream [G03CA03vg]

Estradiol maleate 0.625 mg per tablet, oral ingestion tablet [G03CA03or]

Estradiol valareate 10 mg/ml, in 1 ml, injection solution [G03CA03inj]  
 Estradiol valareate 1 mg per tablet, oral ingestion tablet [G03CA03or]  
 Estradiol valareate 2 mg per tablet, oral ingestion tablet [G03CA03or]  
 Ethacridine lactate 1% topical shampoo [D08AA01]  
 Ethacridine lactate powder [V99AB00] → **See: Dispensary List**  
 Ethambutol (EMB) 100 mg per tablet, oral ingestion tablet [J04AK02or] → **EML!** → **See: National Tuberculosis Program List**  
 Ethambutol (EMB) 400 mg per tablet, oral ingestion tablet [J04AK02or] → **EML!** → **See: National Tuberculosis Program List**  
 Ethambutol 400 mg + isoniazid 150 mg (EH) per tablet, oral ingestion tablet [J04AK02or] → **EML!** → **See: National Tuberculosis Program List**  
 Ethambutol 400 mg + isoniazid 75 mg (EH) per tablet, oral ingestion tablet [J04AM03or] → **EML!** → **See: National Tuberculosis Program List**  
 Ethanol 70% topical solution [D08AX08]  
 Ethanol 96% liquid [V99AB00] → **See: Dispensary List**  
 Ether (diethyl ether) liquid [V99AB00] → **See: Dispensary List**  
 Ethinylestradiol 0.01 mg per tablet, oral ingestion tablet [G03CA01or] → **EML!**  
 Ethinylestradiol 0.035 mg + norethisterone 1 mg per tablet, oral ingestion tablet [G03AA05or] → **EML!** → **See: National Family Planning Program List**  
 Ethinylestradiol 0.03 mg + levonorgestrel 0.15 mg per tablet, oral ingestion tablet [G03AA07or] → **EML!**  
 Ethinylestradiol 0.03 mg + norgestrel 0.3 mg per tablet, oral ingestion tablet [G03AA06or] → **EML!** → **See: National Family Planning Program List**  
 Ethinylestradiol 0.05 mg per tablet, oral ingestion tablet [G03CA01or] → **EML!**  
 Ethinylestradiol 0.05 mg per tablet, oral ingestion tablet [L02AA03or] → **EML!**  
 Ethinylestradiol 0.05 mg + levonorgestrel 0.25 mg per tablet, oral ingestion tablet [G03AA07or] → **EML!**  
 Ethionamide 250 mg per tablet, oral ingestion tablet [J04AD03or] → **EML!** → **See: National Tuberculosis Program List**  
 Ethosuximide 250 mg/5 ml, oral syrup [N03AD01or] → **EML!**  
 Ethosuximide 250 mg per capsule, oral ingestion capsule [N03AD01or] → **EML!**  
 Etidronic acid 200 mg per tablet, oral ingestion tablet [M05BA01or]  
 Etidronic acid 50 mg/ml, in 6 ml ampoule, injection solution [M05BA01inj]  
 Etofenamate 1 g/ml, topical solution [M02AA06]  
 Etravirine 25 mg per tablet, oral ingestion tablet [J05AG04or] → **See: National HIV/AIDS Program List**  
 Eucerin powder [V99AB00] → **See: Dispensary List**  
 Eugenol [V99AA00] → **See: Dental List**  
 Eugenol + zinc oxide [V99AA00] → **See: Dental List**

**F**


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Famotidine 10 mg/5ml, in 100 ml bottle, oral ingestion suspension [A02BA03or]  
 Famotidine 20 mg per tablet, oral ingestion tablet [A02BA03or]  
 Famotidine 40 mg per tablet, oral ingestion tablet [A02BA03or]  
 Fenfluramine 20 mg per tablet, oral ingestion tablet [A08AA02or]  
 Fenofibrate 200 mg per capsule, oral ingestion capsule [C10AB05or] → **EML!**  
 Fentanyl 0.05 mg/ml, in 2 ml ampoule, injection solution [N02AB03inj]  
 Ferric gluconate 160 mg per tablet, oral ingestion tablet [B03AA03or]  
 Ferrous gluconate 250 mg per tablet, oral ingestion tablet [B03AA03or]  
 Ferrous sulfate 100 mg + folic acid (vit B9) 0.35 mg per tablet, oral ingestion tablet [B03AD03or]  
 Ferrous sulfate 125 mg/5 ml, in 120 ml, oral liquid [B03AA07or] → **EML!**  
 Ferrous sulfate 150 mg + folic acid (vit B9) 0.5 mg per tablet, oral ingestion tablet [B03AD03or]

Ferrous sulfate 200 mg + folic acid (vit B9) 0.25 mg per tablet, oral ingestion tablet [B03AD03or]  
Ferrous sulfate 25 mg/ml, in 120 ml, oral drop [B03AA07or]  
Ferrous sulfate 350 mg + vit B12 0.015 mcg + ascorbic acid (vit C) 150 mg + folic acid (vit B9) 1 mcg per tablet, oral ingestion tablet [B03AE01or]  
Ferrous sulfate 50 mg per tablet, oral ingestion tablet [B03AA07or]  
Ferrous sulfate 60 mg per tablet, oral ingestion tablet [B03AA07or] → **EML!**  
Ferrous sulfate 60 mg + folic acid (vit B9) 0.4 mg per tablet, oral ingestion tablet [B03AD03or] → **EML!**  
Fexofenadine 120 mg per tablet, oral ingestion tablet [R06AX26or]  
Fexofenadine 180 mg per tablet, oral ingestion tablet [R06AX26or]  
Fexofenadine 60 mg per tablet, oral ingestion tablet [R06AX26or]  
Finasteride 5 mg per tablet, oral ingestion tablet [G04CB01or]  
Flavoxate 100 mg per tablet, oral ingestion tablet [G04BD02or]  
Flavoxate 200 mg per tablet, oral ingestion tablet [G04BD02or]  
Fluconazole 100 mg per tablet, oral ingestion tablet [J02AC01or]  
Fluconazole 150 mg per tablet, oral ingestion tablet [J02AC01or]  
Fluconazole 50 mg per tablet, oral ingestion tablet [J02AC01or]  
Fludrocortisone 0.1 mg per tablet, oral ingestion tablet [H02AA02or]  
Flumazenil 0.1 mg/ml, in 10 ml, injection solution [V03AB25inj] → **EML!**  
Flumazenil 0.5 mg/ml, injection solution [V03AB25inj]  
Fluocinolone 0.025% in 15 g tube, topical ointment [D07AC04]  
Fluocinolone 0.05% in 15 g tube, topical ointment [D07AC04]  
Fluorescein 0.25% in 2 ml bottle, ophthalmic drop [S01JA01]  
Fluorescein 1% in 5 ml bottle, ophthalmic drop [S01JA01]  
Fluorometholone 0.1% in 5 ml bottle, ophthalmic drop [S01BA07]  
Fluorometholone 0.1% + tetrahydrozoline 0.025% ophthalmic ointment [S01CB05]  
Fluorouracil 5% topical ointment [L01BC02] → **EML!**  
Fluorouracil 50 mg/ml, in 10 ml vial, injection solution [L01BC02inj]  
Fluoxetine 20 mg per capsule, oral ingestion capsule [N06AB03or] → **EML!**  
Fluphenazine (oily) 1 mg/ml, in 1 ml ampoule, injection solution [N05AB02inj] → **EML!**  
Flurazepam 15 mg per tablet, oral ingestion tablet [N05CD01or]  
Flurbiprofen 100 mg per tablet, oral ingestion tablet [M01AE09or]  
Fluticasone 250 mcg + salmeterol 25 mcg per dose, inhalation solution [R03AK06]  
Fluticasone propionate 0.05% nasal spray [R01AD08ns]  
Fluticasone propionate 0.05% topical cream [D07AC17crm]  
Fluvastatin 20 mg per capsule, oral ingestion capsule [C10AA04or]  
Fluvoxamine 50 mg per tablet, oral ingestion tablet [N06AB08or]  
Folic acid (vit B9) 1 mg per tablet, oral ingestion tablet [B03BB01or] → **EML!**  
Folic acid (vit B9) 1 mg per tablet, oral ingestion tablet [A11HA11or] → **EML!**  
Folic acid (vit B9) 5 mg per tablet, oral ingestion tablet [A11HA11or] → **EML!**  
Folic acid (vit B9) 5mg per tablet, oral ingestion tablet [B03BB01or] → **EML!**  
Fomepizole 1g/ml, in 1.5 ml, injection solution [V03AB34inj]  
Formacresol [V99AA00] → **See: Dental List**  
Formaldehyde [V99AB00] → **See: Dispensary List**  
Fosamprenavir 700 mg + ritonavir 100 mg (FPV/r) per tablet, oral ingestion tablet [J05AR13or] → **EML!**  
Fresh-frozen plasma in 500 ml bottle, infusion solution [B05AX01inj]  
Furazolidone 100 mg per tablet, oral ingestion tablet [G01AX06or] → **EML!**  
Furazolidone 125 mg/5 ml, in 60 ml, oral syrup [G01AX06or] → **EML!**  
Furosemide 10 mg/ml, in 2 ml ampoule, injection solution [C03CA01inj] → **EML!**

Furosemide 20 mg per tablet, oral ingestion tablet [C03CA01or] → **EML!**

Furosemide 40 mg per tablet, oral ingestion tablet [C03CA01or] → **EML!**

Fusidic acid 2% in 15 g tube, topical cream [D06AX01]

## G

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Gabapentin 100 mg per capsule, oral ingestion capsule [N03AX12or]

Gabapentin 200 mg per capsule, oral ingestion capsule [N03AX12or]

Gabapentin 300 mg per tablet, oral ingestion tablet [N03AX12or]

Gabapentin 400 mg per tablet, oral ingestion tablet [N03AX12or]

Gadodiamide (gadolinium) 287 mg/ml, in 20 ml ampoule, injection solution [V08CA03inj]

Galantamine 8 mg per tablet, oral ingestion tablet [N06DA04or]

Gallamine triethiodide 20 mg/ml, in 2 ml ampoule, injection solution [M03AC02inj]

Gatifloxacin 200 mg per capsule, oral ingestion capsule [J01MA16or]

Gatifloxacin 400 mg per capsule, oral ingestion capsule [J01MA16or]

Gemfibrozil 600 mg per tablet, oral ingestion tablet [C10AB04or]

Gentamicin 0.3% in 5 ml bottle, ophthalmic drop [S01AA11] → **EML!**

Gentamicin 10 mg/ml, in 2 ml ampoule, injection solution [J01GB03inj] → **EML!**

Gentamicin 20 mg/ml, in 2 ml ampoule, injection solution [J01GB03inj] → **EML!**

Gentamicin 3 mg/g, in 3.5 g tube, ophthalmic ointment [S01AA11]

Gentamicin 40 mg/ml, in 2 ml ampoule, injection solution [J01GB03inj] → **EML!**

Gentamicin sulfate 0.1% + hydrocortisone acetate 1% in 15 g tube, topical cream [D07CA01]

Ginkgo biloba 120 mg per tablet, oral ingestion tablet [N06DX02or]

Ginkgo biloba 60 mg per tablet, oral ingestion tablet [N06DX02or]

Glibenclamide 5 mg per tablet, oral ingestion tablet [A10BB01or] → **EML!**

Gliclazide 80 mg per tablet, oral ingestion tablet [A10BB09or]

Glimepiride 1 mg per tablet, oral ingestion tablet [A10BB12or]

Glimepiride 2 mg per tablet, oral ingestion tablet [A10BB12or]

Glimepiride 3 mg per tablet, oral ingestion tablet [A10BB12or]

Glimepiride 4 mg per tablet, oral ingestion tablet [A10BB12or]

Glipizide 2.5 mg per tablet, oral ingestion tablet [A10BB07or]

Glipizide 5 mg per tablet, oral ingestion tablet [A10BB07or]

Glucagon 1 mg/ml, in 1 ml vial, injection solution [H04AA01inj]

Glucosamine sulfate 500 mg + chondroitin sulfate 400 mg per capsule, oral ingestion capsule [M01AX05or]

Glucose 10% in 1,000 ml bottle, injection solution [B05CX01inj] → **EML!**

Glucose 10% in 500 ml bottle, injection solution [B05CX01inj] → **EML!**

Glucose 25% in 10 ml ampoule, injection solution [B05BA03inj]

Glucose 4% + sodium chloride 0.18% in 1,000 ml bottle, injection solution [B05BB02inj] → **EML!**

Glucose 4% + sodium chloride 0.18% in 500 ml bottle, injection solution [B05BB02inj] → **EML!**

Glucose 5% in 1,000 ml bottle, injection solution [B05CX01inj] → **EML!**

Glucose 5% in 500 ml bottle, injection solution [B05CX01inj] → **EML!**

Glucose 5% + sodium chloride 0.9% in 1,000 ml bottle, injection solution [B05BB02inj] → **EML!**

Glucose 5% + sodium chloride 0.9% in 500 ml bottle, injection solution [B05BB02inj] → **EML!**

Glucose 50% injection solution [B05BA03inj] → **EML!**

Glucose 7.5% + lidocaine 5% (lidocaine spinal) injection solution [N01BB52inj] → **EML!**

Glucose oral powder [V06DC01]

Glycerin 100% otic liquid [S02DC00]

Glycerin liquid [V99AB00] → See: Dispensary List

Glyceryl trinitrate (nitroglycerin) 0.4 mg per tablet, sublingual-oral tablet [C01DA02or]

Glyceryl trinitrate (nitroglycerin) 0.5 mg per tablet, sublingual-oral tablet [C01DA02or] → **EML!**  
 Glyceryl trinitrate (nitroglycerin) 1 mg/ml, in 5 ml, injection solution [C01DA02inj]  
 Glyceryl trinitrate (nitroglycerin) 5 mg/ml, injection solution [C01DA02inj]  
 Glyceryl trinitrate (nitroglycerin) 5 mg per patch, transdermal patch [C01DA02]  
 Gonadotropin 1,500 IU per ampoule, in 1 ampoule, injection solution [G03GA02inj]  
 Griseofulvin 125 mg per tablet, oral ingestion tablet [D01BA01or] → **EML!**  
 Griseofulvin 250 mg per tablet, oral ingestion tablet [D01BA01or] → **EML!**  
 Griseofulvin 500 mg per tablet, oral ingestion tablet [D01BA01or] → **EML!**  
 Guaifenesin 100 mg/5 ml, in 60 ml, oral syrup [R05CA03or]  
 Guaifenesin 100 mg + codeine 10 mg + phenylpropanolamine 12.5 mg + saccharine sodium 6 mg/5 ml,  
     in 60 ml, oral syrup [R05FA02or]  
 Guaifenesin 50 mg + salbutamol 1 mg per tablet, oral ingestion tablet [R03CK00or]  
 Gutta-percha point [V99AA00] → *See: Dental List*

**H**

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Haloperidol 0.5 mg per tablet, oral ingestion tablet [N05AD01or]  
 Haloperidol 2 mg/ml, in 15 ml, oral drop [N05AD01or]  
 Haloperidol 2 mg per tablet, oral ingestion tablet [N05AD01or] → **EML!**  
 Haloperidol 5 mg/ml, in 1 ml, injection solution [N05AD01inj] → **EML!**  
 Haloperidol 5 mg per tablet, oral ingestion tablet [N05AD01or] → **EML!**  
 Halothane, in 250 ml bottle, inhalation solution [N01AB01] → **EML!**  
 Heparin 1,000 IU/ml, in 5 ml ampoule, injection solution [B01AB01inj] → **EML!**  
 Heparin 2,500 IU/ml, in 5 ml ampoule, injection solution [B01AB01inj] → **EML!**  
 Heparin 5,000 IU/ml, in 1 ml ampoule, injection solution [B01AB01inj] → **EML!**  
 Heparinoid 0.3% topical cream [C05BA51]  
 Heparinoid 50 IU + hyaluronidase 150 IU per gram, topical cream [C05BA51]  
 Hepatitis B monovalent vaccine single dose (HepB) per milliliter, in 0.5 ml, injection solution  
     [J07BC01inj] → **EML!**  
 Hepatitis B purified antigen vaccine (HepB) single dose per milliliter, per vial, injection vial [J07BC01inj]  
*See: Dispensary List*  
 Homatropine HBr 2% in 5 ml bottle, ophthalmic drop [S01FA05]  
 Hydralazine 20 mg/ml, in 2 ml, injection solution [C02DB01inj] → **EML!**  
 Hydralazine 25 mg per tablet, oral ingestion tablet [C02DB02or] → **EML!**  
 Hydralazine 50 mg per tablet, oral ingestion tablet [C02DB02or] → **EML!**  
 Hydrochlorothiazide 12.5 mg + lisinopril 10 mg per tablet, oral ingestion tablet [C09BA03or]  
 Hydrochlorothiazide 12.5 mg + losartan 50 mg per tablet, oral ingestion tablet [C09DA01or]  
 Hydrochlorothiazide 25 mg per tablet, oral ingestion tablet [C03AA03or] → **EML!**  
 Hydrochlorothiazide 50 mg per tablet, oral ingestion tablet [C03AA03or] → **EML!**  
 Hydrocortisone acetate 1% in 15 g tube, topical cream [D07AA02] → **EML!**  
 Hydrocortisone acetate 25 mg/ml, in 5 ml ampoule, injection solution [H02AB09inj]  
 Hydrocortisone sodium succinate 100 mg per vial, injection vial [H02AB09inj] → **EML!**  
 Hydrogen peroxide + silver (Sanosil D1) 1% topical solution [D08AX01]  
 Hydrogen peroxide + silver (Sanosil D6) 6% topical solution [D08AX01]  
 Hydrogen peroxide + silver (Sanosil D7) 7% topical solution [D08AX01]  
 Hydrogen peroxide 6% in 60 ml bottle, topical solution [A01AB02or] → *See: Dental List*  
 Hydrogen peroxide 6% topical solution [D08AX01] → **EML!**  
*See: Dispensary List*  
 Hydroquinone 2% topical cream [M09AA01]

Hydroquinone powder [V99AB00] → **See: Dispensary List**

Hydroxocobalamine (vit B12) 0.5 mg/ml, in 1 ml ampoule, injection solution [B03BA03inj] → **EML!**

Hydroxocobalamine (vit B12) 1 mg/ml, in 1 ml ampoule, injection solution [B03BA03inj] → **EML!**

Hydroxycarbamide 500 mg per capsule, oral ingestion capsule [L01XX05or]

Hydroxychloroquine 100 mg per tablet, oral ingestion tablet [M01CA04or]

Hydroxychloroquine 150 mg per tablet, oral ingestion tablet [M01CA04or]

Hydroxyprogesterone depot 250 mg/ml, in 1 ml ampoule, injection solution [G03DA03inj]

Hydroxyurea 500 mg per capsule, oral ingestion capsule [L01XX05or]

Hydroxyzine 10 mg/5 ml, in 120 ml, oral syrup [N05BB01or]

Hydroxyzine 10 mg per tablet, oral ingestion tablet [N05BB01or]

Hydroxyzine 25 mg per tablet, oral ingestion tablet [N05BB01or]

Hyoscine (butylbromide, hydrobromide) 10 mg per tablet, oral ingestion tablet [A03BB01or] → **EML!**

Hyoscine (butylbromide, hydrobromide) 20 mg/ml, in 1 ml ampoule, injection solution [A03BB01inj] → **EML!**

## I

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Ibuprofen 10% in 30 g tube, topical ointment [M01AE01]

Ibuprofen 100 mg/5 ml, in 60 ml, oral syrup [M01AE01or]

Ibuprofen 200 mg per tablet, oral ingestion tablet [M01AE01or] → **EML!**

Ibuprofen 400 mg per tablet, oral ingestion tablet [M01AE01or] → **EML!**

Ibuprofen 600 mg per tablet, oral ingestion tablet [M01AE01or]

Ichthyol 10% in 20 g tube, topical ointment [D05AA01]

Ichthyol liquid [V99AB00] → **See: Dispensary List**

Idarubicin 1 mg/ml, in 10 ml vial, injection powder [L01DB06inj]

Idoxuridine 0.1% ophthalmic drop [S01AD01]

Imatinib mesylate 100 mg per tablet, oral ingestion tablet [L01XE01or]

Imatinib mesylate 400 mg per tablet, oral ingestion tablet [L01XE01or]

Imipramine 10 mg per tablet, oral ingestion tablet [N06AA02or] → **EML!**

Imipramine 25 mg per tablet, oral ingestion tablet [N06AA02or] → **EML!**

Indinavir (IDV) 200 mg per capsule, oral ingestion capsule [J05AE02or] → **EML!** → **See: National HIV/AIDS Program List**

Indinavir (IDV) 333 mg per capsule, oral ingestion capsule [J05AE02or] → **EML!** → **See: National HIV/AIDS Program List**

Indinavir (IDV) 400 mg per capsule, oral ingestion capsule [J05AE02or] → **EML!** → **See: National HIV/AIDS Program List**

Indinavir 800 mg + ritonavir 100 mg (IDV/r) per tablet, oral ingestion tablet [J05AR11or] → **EML!** → **See: National HIV/AIDS Program List**

Indomethacin 25 mg per capsule, oral ingestion capsule [M01AB01or]

Indomethacin 37.5 mg/ml, in 2 ml, injection solution [M01AB01inj]

Indomethacin 75 mg per tablet, oral ingestion tablet [M01AB01or]

Influenza vaccine, single dose per vial, injection vial [J07BB01inj]

Insulin human (rDNA) 100 IU/ml, in 10 ml, injection vial [A10AC01inj]

Insulin isophane (NPH) intermediate 100 IU/ml, in 10 ml vial, injection vial [A10AC03inj] → **EML!**

Insulin isophane (NPH) intermediate 40 IU/ml, in 10 ml vial, injection vial [A10AC03inj] → **EML!**

Insulin 70% NPH, human isophane suspension and 30% regular, human insulin injection [A10AC01inj]

Insulin soluble fast 100 IU/ml, in 10 ml vial, injection vial [A10AB01inj] → **EML!**

Insulin soluble fast 40 IU/ml, in 10 ml vial, injection vial [A10AB01inj] → **EML!**

Insulin zinc slow 100 IU/ml, in 10 ml vial, injection vial [A10AE01inj]

Insulin zinc slow 40 IU/ml, in 10 ml vial, injection vial [A10AE01inj]

Interferon alfa 2a 3 MU/ml, in 2 ml vial, injection vial [L03AB04inj]

Interferon alfa 2a 5 MU/ml, in 2 ml vial, injection vial [L03AB04inj]

Interferon alfa 2b 3 MU/ml, in 2 ml vial, injection vial [L03AB05inj]

Interferon alfa 2b 5 MU/ml, in 2 ml vial, injection vial [L03AB05inj]

Interferon beta 1a 6 MU/ml, injection vial [L03AB07inj]

Intrauterine device with copper 1 pce per piece, vaginal intrauterine device [G02BA02] → **EML!** → See:

**National Family Planning Program List**

Iodine 200 mg per capsule, oral ingestion capsule [H03CA20or] → **EML!**

Iodine 480 mg/ml, in 0.5 ml ampoule, oral solution [H03CA20inj] → **EML!**

Iodine 5% + potassium iodide 10% (Lugol's solution) oral solution [H03CA20or]

Iodine 540 mg/ml, in 0.57 ml bottle, oral solution [H03CA20or] → **EML!**

Iodine powder [D08AG03] → See: **Dispensary List**

Iohexol 350 mg per vial, injection vial [V08AB02]

Iopamidol 370 mg/ml, in 10 ml ampoule, injection solution [V08AB04inj]

Iopanoic acid 500 mg per tablet, oral ingestion tablet [V08AC08or]

Iopromide 300 mg per vial, injection vial [V08AB05inj]

Iotroxic acid meglumine 50 mg/ml, in 100 ml ampoule, injection solution [V08AC02inj]

Loxatalamic acid 12 mg per vial, injection vial [V08AA05inj]

Ipecacuanha 0.14% in 30 ml bottle, oral syrup [V03AB01or]

Ipratropium 250 mcg/ml, nebulizer solution [R03BB01ihsl]

Ipratropium 40 mcg per dose, inhalation spray [R03BB01ihas]

Ipratropium bromide 20 mcg per dose, inhalation spray [R03BB01ihas]

Irbesartan 75 mg per tablet, oral ingestion tablet [C09CA04or]

Iron dextran 50 mg/ml, in 2 ml ampoule, injection solution [B03AC06inj] → **EML!**

Iron sorbitol 50 mg/ml, in 2 ml ampoule, injection solution [B03AC03inj]

Isocarboxazid 10 mg per tablet, oral ingestion tablet [N06AF01or]

Isoconazole 1% in 10 g, vaginal cream [G01AF07vg]

Isoconazole 10% in 10 g tube, topical cream [D01AC05]

Isoconazole 10 mg + diflucortolone 1 mg/g, in 10 g, topical cream [D01AC05]

Isoflurane in 250 ml, gas [N01AB06] → **EML!**

Isoniazid (INH) 100 mg per tablet, oral ingestion tablet [J04AC01or] → **EML!** → See: **National Tuberculosis Program List**

**National Tuberculosis Program List**

Isoniazid (INH) 300 mg per tablet, oral ingestion tablet [J04AC01or] → **EML!** → See: **National Tuberculosis Program List**

Isoniazid (INH) 50 mg per tablet, oral ingestion tablet [J04AC01or] → **EML!** → See: **National Tuberculosis Program List**

Isoprenaline (isoproterenol) 0.02 mg/ml, in 10 ml ampoule, injection solution [C01CA02inj]

Isoprenaline (isoproterenol) 0.2 mg/ml, in 1 ml ampoule, injection solution [C01CA02inj]

Isoprenaline (isoproterenol) 1 mg/ml, in 1 ml ampoule, injection solution [C01CA02inj]

Isoprenaline 30 mg per tablet, oral ingestion tablet [C01CA02or]

Isopropamide 5 mg per tablet, oral ingestion tablet [A03AB09or]

Isopropyl alcohol liquid [V99AB00] → See: **Dispensary List**

Isosorbide dinitrate 10 mg per tablet, sublingual-oral tablet [C01DA08or] → **EML!**

Isosorbide dinitrate 20 mg per tablet, sublingual-oral tablet [C01DA08or] → **EML!**

Isosorbide dinitrate 5 mg per tablet, sublingual-oral tablet [C01DA08or] → **EML!**

Isosorbide mononitrate 120 mg per tablet, sublingual-oral tablet [C01DA14or]

Isosorbide mononitrate 40 mg per tablet, sublingual-oral tablet [C01DA14or]

Isosorbide mononitrate 60 mg per tablet, sublingual-oral tablet [C01DA14or]

Isotretinoin 20 mg per capsule, oral ingestion capsule [D10AD04or]

Isoxsuprine 10 mg per tablet, oral ingestion tablet [C04AA01or]

Ispaghula (psylla seeds) 25 g per pack, oral seeds [A06AC01or]

## K

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Kaolin [A07BC02] → *See: Dispensary List*

Ketamine 50 mg/ml, in 10 ml vial, injection solution [N01AX03or] → **EML!**

Ketoconazole 2% in 15 g tube, topical cream [D01AC08] → **EML!**

Ketoconazole 2% in 60 ml, topical shampoo [D01AC08] → **EML!**

Ketoconazole 200 mg per tablet, oral ingestion tablet [J02AB02or] → **EML!**

Ketoprofen 100 mg per tablet, oral ingestion tablet [M01AE03or]

Ketoprofen 200 mg per tablet, oral ingestion tablet [M01AE03or]

Ketotifen 0.05% ophthalmic drop [S01GX08]

Ketotifen 1 mg/5 ml, in 60 ml bottle, oral syrup [R06AX17or]

Ketotifen 1 mg per tablet, oral ingestion tablet [R06AX17or]

## L

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Labetalol 100 mg per tablet, oral ingestion tablet [C07AG01or]

Labetalol 200 mg per tablet, oral ingestion tablet [C07AG01or]

Labetalol 5 mg/ml, in 20 ml ampoule, injection solution [C07AG01inj]

Lactulose 3.33 g/5 ml, in 150 ml bottle, oral ingestion syrup [A06AD11or] → **EML!**

Lamivudine (3TC) 100 mg per tablet, oral ingestion tablet [J05AF05or] → **EML!** → *See: National HIV/AIDS Program List*

Lamivudine (3TC) 150 mg per tablet, oral ingestion tablet [J05AF05or] → **EML!** → *See: National HIV/AIDS Program List*

Lamivudine (3TC) 300 mg per tablet, oral ingestion tablet [J05AF05or] → **EML!** → *See: National HIV/AIDS Program List*

Lamivudine (3TC) 50 mg/5 ml, oral ingestion suspension [J05AF05or] → **EML!** → *See: National HIV/AIDS Program List*

Lamivudine 150 mg + nevirapine 200 mg + zidovudine 300 mg (AZT/3TC/NVP) per tablet, oral ingestion tablet [J05AR05or] → **EML!** → *See: National HIV/AIDS Program List*

Lamivudine 150 mg + zidovudine 300 mg (AZT/3TC) per tablet, oral ingestion tablet [J05AR01or] → **EML!** → *See: National HIV/AIDS Program List*

Lamivudine 40 mg + stavudine 10 mg (d4T/3TC)/5 ml, oral solution [J05AR09or] → **EML!**

Lamotrigine 25 mg per tablet, oral ingestion tablet [N03AX09or]

Lamotrigine 30 mg per tablet, oral ingestion tablet [N03AX09or]

Lamotrigine 5 mg per tablet, oral ingestion chewable tablet [N03AX09or]

Lanolin (wool wax) [V99AB00] → *See: Dispensary List*

Lansoprazole 30 mg per capsule or tablet, oral ingestion capsule or tablet [A02BC03or]

L-aspartate + L-ornithine , injection solution [A16AA99inj]

Levamisole 150 mg per tablet, oral ingestion tablet [P02CE01or]

Levamisole 40 mg/5 ml, in 15 ml, oral syrup [P02CE01or]

Levamisole 40 mg per tablet, oral ingestion tablet [P02CE01or]

Levamisole 50 mg per tablet, oral ingestion tablet [P02CE01or]

Levobupivacaine 2.5 mg/ml, injection solution [N01BB10inj]

Levofloxacin 250 mg per tablet, oral ingestion tablet [J01MA12or]

Levofloxacin 500 mg per tablet, oral ingestion tablet [J01MA12or]

Levofloxacin 5 mg/ml, in 100 ml vial, infusion solution [J01MA12inj]

Levonorgestrel (POP) 0.03mg per tablet, oral ingestion tablet [G03AD01or] → **EML!**

Levothyroxine 0.05 mg per tablet, oral ingestion tablet [H03AA01or] → **EML!**  
 Levothyroxine 0.1 mg per tablet, oral ingestion tablet [H03AA01or] → **EML!**  
 Lidocaine 1% in 2 ml, injection vial [N01BB02or] → **EML!**  
 Lidocaine 10% in 100 ml bottle, oral topical spray [R02AD02]  
 Lidocaine 2% in 15 g tube, topical gel [D04AB04] → **EML!**  
 Lidocaine 2% in 25 g tube, oral topical cream [A01AD11] → *See: Dental List*  
 Lidocaine 2% in 2 ml ampoule, injection solution [N01BB02inj] → **EML!**  
 Lidocaine 20 mg/ml, in 5 ml ampoule, injection solution [C01BB01inj] → **EML!**  
 Lidocaine 4% topical gel [D04AB04] → **EML!**  
 Lidocaine 50 mg + hydrocortisone acetate 2.75 mg + aluminium subacetate 35 mg + zinc oxide 180 mg per tube, rectal solution ointment [C05AD01]  
 Lidocaine 60 mg + hydrocortisone acetate 5 mg + aluminium subacetate 50 mg + zinc oxide 400 mg (antihemorrhoidal) per tube, rectal solution suppository [C05AD01]  
 Lignocaine 0.6% + cetylpyridinium chloride 0.02% + menthol 0.06% + eucalyptol 0.1% + ethanol 33% oral topical gel [A01AB11]  
 Lignocaine 50 mg + polymyxin 10,000 IU/ml, in 5 ml bottle, otic drop [S02AA30]  
 Lincomycin 600 mg per vial, injection vial [J01FF02inj]  
 Lindane 1% topical shampoo [P03AB02] → **EML!**  
 Linoleic acid [V99AB00] → *See: Dispensary List*  
 Lisinopril 10 mg per tablet, oral ingestion tablet [C09AA03or]  
 Lisinopril 5 mg per tablet, oral ingestion tablet [C09AA03or]  
 Lodoxamide 0.1% in 5 ml, ophthalmic drop [S01GX05]  
 Loperamide 2 mg per tablet, oral ingestion tablet [A07DA03or]  
 Lopinavir 133.3 mg + ritonavir 33.3 mg (LPV/r) per capsule, oral ingestion capsule [J05AR10or]  
     → *See: National HIV/AIDS Program List*  
 Lopinavir 200 mg + ritonavir 50 mg (LPV/r) per capsule, oral ingestion capsule [J05AR10or] → **EML!**  
 Lopinavir 400 mg + ritonavir 100 mg (LPV/r)/5 ml, oral liquid [J05AR10or] → *See: National HIV/AIDS Program List*  
 Loratadine 10 mg per tablet, oral ingestion tablet [R06AX13or]  
 Loratadine 5 mg/5 ml, in 60 ml bottle, oral liquid [R06AX13or]  
 Lorazepam 1 mg per tablet, oral ingestion tablet [N05BA06or]  
 Lorazepam 2 mg per tablet, oral ingestion tablet [N05BA06or]  
 Lormetazepam 1 mg per tablet, oral ingestion tablet [N05CD06or]  
 L-ornithine 300 mg + L-aspartate 24mg + riboflavin (vit B2) 0.76 mg/5 ml, oral syrup [A16AA99or]  
 Losartan 25 mg per tablet, oral ingestion tablet [C09CA01or]  
 Losartan 50 mg per tablet, oral ingestion tablet [C09CA01or]  
 Lovastatin 20 mg per tablet, oral ingestion tablet [C10AA02or]

## M

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Magnesium hydroxide 8% in 200 ml bottle, oral ingestion suspension [A02AA04or]  
 Magnesium sulfate [V99AB00] → *See: Dispensary List*  
 Magnesium sulfate 500 mg/ml, in 10 ml ampoule, injection solution [N03AX31inj] → **EML!**  
 Magnesium sulfate 500 mg/ml, in 20 ml ampoule, injection solution [N03AX31inj] → **EML!**  
 Magnesium sulfate 500 mg/ml, in 2 ml ampoule, injection solution [N03AX31inj] → **EML!**  
 Magnesium trisilicate 250 mg per tablet, oral ingestion tablet [A02AA05or]  
 Magnesium trisilicate 500 mg per tablet, oral effervescent tablet [A02AA05or]  
 Magnesium trisilicate 500 mg per tablet, oral ingestion tablet [A02AA05or]  
 Mannitol 10% in 100 ml bottle, infusion solution [B05BC01inj] → **EML!**

Mannitol 10% in 500 ml bottle, injection solution [B05BC01inj]

Mannitol 20% in 100 ml bottle, infusion solution [B05BC01inj] → **EML!**

Mannitol 20% in 500 ml bottle, injection solution [B05BC01inj]

Maraviroc 150 mg per tablet, oral ingestion tablet [J05AX09or] → **EML!** → See: National HIV/AIDS

#### **Program List**

Maraviroc 300 mg per tablet, oral ingestion tablet [J05AX09or] → **EML!** → See: National HIV/AIDS

#### **Program List**

Measles diluent 10 doses per vial, injection vial [J07BD01inj] → **EML!**

Measles vaccine 10 doses per vial, injection vial [J07BD01inj] → **EML!**

Mebendazole 100 mg per tablet, oral chewable tablet [P02CA01or] → **EML!**

Mebeverine hydrochloride 135 mg per tablet, oral ingestion tablet [A03AA04or]

Mebhydroline 50 mg per tablet, oral ingestion tablet [R06AX15or]

Meclozine 12.5 mg per tablet, oral ingestion tablet [R06AE05or]

Mecobalamin (vit B12) 0.5 mg/ml, in 1 ml, injection solution [B03BA05inj]

Mecobalamin (vit B12) 0.5 mg per tablet, oral ingestion tablet [B03BA05or]

Medroxyprogesterone acetate depot 150 mg/ml, in 1 ml vial, injection solution [G03AC06inj] → **EML!**

#### **→ See: National Family Planning Program List**

Mefenamic acid 250 mg per tablet, oral ingestion tablet [M01AG01or]

Mefenamic acid 500 mg per tablet, oral ingestion tablet [M01AG01or]

Mefenamic acid 50 mg/5 ml, in 60 ml bottle, oral ingestion suspension [M01AG01or]

Meglumine antimoniate 30% in 5 ml ampoule, injection solution [P01CB01inj] → **EML!** → See: National

#### **Malaria and Leishmania Control Program List**

Meglumine iotroxate 50 mg/ml, in 100 ml ampoule, injection solution [V08AC02]

Meloxicam 15 mg per tablet, oral ingestion tablet [M01AC06or]

Meloxicam 7.5 mg per tablet, oral ingestion tablet [M01AC06or]

Meningococcal vaccine (A, C, Y, W-135 tetravalent purified polysaccharides antigen) per vial, injection vial [J07AH01inj]

Menthol powder [V99AB00] → See: Dispensary List

Mercaptopurine 50 mg per tablet, oral ingestion tablet [L01BB02or]

Mercury [V99AA00] → See: Dental List

Mesalazine 250 mg per tablet, oral ingestion tablet [A07EC02or]

Mesalazine 400 mg per tablet, oral ingestion tablet [A07EC02or]

Mesalazine 40 mg/ml, in 100 ml, rectal liquid [A07EC02rec]

Mesterolone 25 mg per tablet, oral ingestion tablet [G03BB01or]

Metformin 1 g per tablet, oral ingestion tablet [A10BA02or]

Metformin 500 mg per tablet, oral ingestion tablet [A10BA02or] → **EML!**

Metformin 750 mg per tablet, oral ingestion tablet [A10BA02or]

Methadone 10 mg/ml, in 1 ml ampoule, injection solution [N07BC02inj] → See: National Drug Demand

#### **Reduction Program List**

Methadone 10 mg/ml, oral solution [N07BC02or] → See: National Drug Demand Reduction Program List

Methadone 10 mg per tablet, oral ingestion tablet [N07BC02or] → See: National Drug Demand Reduction and National HIV/AIDS Program Lists

Methadone 5 mg/ml, oral solution [N07BC02or] → See: National Drug Demand Reduction Program List

Methadone 5 mg per tablet, oral ingestion tablet [N07BC02or] → See: National Drug Demand Reduction Program List

Methanol liquid [V99AB00] → See: Dispensary List

Methenamine mandelate 500 mg per tablet, oral ingestion tablet [J01XX05or]

Methimazole 5 mg per tablet, oral ingestion tablet [H03BB52or]

Methionine-dl 100 mg + choline tartrate 100 mg + vit B-complex/vit E per tablet, oral ingestion tablet [A05BA20or]  
Methionine-dl 250 mg per tablet, oral ingestion tablet [V03AB26or]  
Methocarbamol 100 mg/ml, in 10 ml ampoule, injection solution [M03BA03inj]  
Methocarbamol 500 mg per tablet, oral ingestion tablet [M03BA03or]  
Methotrexate 2.5 mg per tablet, oral ingestion tablet [L01BA01or]  
Methotrexate 2.5 mg per tablet, oral ingestion tablet [M01CX01or] → **EML!**  
Methotrexate 50 mg per vial, injection vial [L01BA01inj]  
Methoxsalen 0.75% in 25 g tube, topical ointment [D05AD02]  
Methoxsalen 10 mg per tablet, oral ingestion tablet [D05BA02or]  
**Methylated spirits [V99AB00]** → See: *Dispensary List*  
Methyldopa 250 mg per tablet, oral ingestion tablet [C02AB01or] → **EML!**  
Methylene blue (methylthioninium) 10 mg/ml, in 10 ml ampoule, injection solution [V03AB17inj] → **EML!**  
**Methylene blue (methylthioninium) powder [V03AB17]** → See: *Dispensary List*  
Methylephenidate 10 mg per tablet, oral ingestion tablet [N06BA04or]  
Methylephenidate 20 mg per tablet, oral ingestion tablet [N06BA04or]  
Methylephenidate 5 mg per tablet, oral ingestion tablet [N06BA04or]  
Methylergometrine maleate 0.125 mg per tablet, oral ingestion tablet [G02AB01or]  
Methylergometrine maleate 0.2 mg/ml, in 1 ml, injection solution [G02AB01inj] → **EML!**  
Methylergometrine maleate 0.2 mg per tablet, oral ingestion tablet [G02AB01or]  
Methylprednisolone 16 mg per tablet, oral ingestion tablet [H02AB04or]  
Methylprednisolone 40 mg/ml, in 1 ml ampoule, injection solution [H02AB04inj]  
Methylprednisolone 40 mg/ml, in 2 ml ampoule, injection solution [H02AB04inj]  
Methylprednisolone 4 mg per tablet, oral ingestion tablet [H02AB04or]  
Methylrosaniline (gentian violet) 0.5% in 10 ml bottle, topical solution [D01AE02] → **EML!**  
Methylrosaniline (gentian violet) 1% in 10 ml bottle, topical solution [D01AE02] → **EML!**  
Methylrosaniline (gentian violet) 25 g per bottle, topical crystals [D01AE02] → **EML!**  
Methyl salicylate 1% in 30 g tube, topical ointment [D02AF01]  
Methyl salicylate 1% in 50 g tube, topical ointment [D04AX03]  
Methyl salicylate 15% + menthol 10% in 15 g tube, topical ointment [D04AX03]  
Methyl salicylate 30% in 30 g tube, topical ointment [D04AX03]  
**Methyl salicylate powder [D04AX03]** → See: *Dispensary List*  
Metoclopramide 10 mg per tablet, oral ingestion tablet [A03FA01or] → **EML!**  
Metoclopramide 4 mg/ml, in 15 ml bottle, oral drop [A03FA01or]  
Metoclopramide 5 mg/5 ml, oral ingestion syrup [A03FA01or]  
Metoclopramide 5 mg/ml, in 2 ml, injection solution [A03FA01inj] → **EML!**  
Metolazone 10 mg per tablet, oral ingestion tablet [C03BA08or]  
Metolazone 5 mg per tablet, oral ingestion tablet [C03BA08or]  
Metoprolol 100 mg per tablet, oral ingestion tablet [C07AB02or]  
Metoprolol 1 mg/ml, in 5 ml ampoule, injection solution [C07AB02inj] → **EML!**  
Metoprolol 50 mg per tablet, oral ingestion tablet [C07AB02or] → **EML!**  
Metronidazole 0.75% in 15 g tube, topical ointment [D06BX01] → **EML!**  
Metronidazole 0.75% + nystatin 100,000 IU vaginal gel [G01AF20vg]  
Metronidazole 120 mg/5 ml, in 100 ml bottle, oral ingestion suspension [P01AB01or]  
Metronidazole 200 mg/5 ml, in 60 ml bottle, oral ingestion suspension [P01AB01or] → **EML!**  
Metronidazole 200 mg per tablet, oral ingestion tablet [P01AB01or] → **EML!**  
Metronidazole 250 mg per tablet, oral ingestion tablet [P01AB01or] → **EML!**  
Metronidazole 400 mg per tablet, oral ingestion tablet [P01AB01or] → **EML!**

Metronidazole 500 mg per tablet, oral ingestion tablet [P01AB01or] → **EML!**  
 Metronidazole 5 mg/ml, in 100 ml bottle, infusion solution [J01XD01inj] → **EML!**  
 Miconazole 2% in 20 g, topical ointment [D01AC02]  
 Miconazole 2% in 45 g tube, vaginal cream [G01AF04vg]  
 Midazolam 1 mg/ml, in 1 ml ampoule, injection solution [N05CD08inj] → **EML!**  
 Minocycline 100 mg per tablet, oral ingestion tablet [J01AA08or]  
 Minocycline 250 mg per tablet, oral ingestion tablet [J01AA08or]  
 Minocycline 50 mg per tablet, oral ingestion tablet [J01AA08or]  
 Minoxidil 2% in 15 g tube, topical cream [D11AX01]  
 Minoxidil 2% in 60 g bottle, topical lotion [D11AX01]  
 Mirtazapine 15 mg per tablet, oral ingestion tablet [N06AX11or]  
 Mirtazapine 30 mg per tablet, oral ingestion tablet [N06AX11or]  
 Mirtazapine 45 mg per tablet, oral ingestion tablet [N06AX11or]  
 Misoprostol 200 mcg per tablet, oral ingestion tablet [G02AD20or] → See: **National Postpartum Hemorrhage Program List**

Misoprostol 25 mcg per tablet, vaginal tablet [G02AD06vg] → See: **National Postpartum Hemorrhage Program List**

Mitomycin 2 mg per vial, injection solution [L01DC03inj]  
 Mometasone 0.1% in 20 ml bottle, topical lotion [D07AC13]  
 Mometasone 0.1% in 5 g tube, topical cream [D07XC03crm]  
 Mometasone furoate 0.1% nasal spray [D07AC13ns]  
 Montelukast 10 mg per pack, oral granules [R03DC03or]  
 Montelukast 10 mg per tablet, oral ingestion tablet [R03DC03or]  
 Montelukast 4 mg per pack, oral granules [R03DC03or]  
 Montelukast 4 mg per tablet, oral ingestion tablet [R03DC03or]  
 Montelukast 5 mg per pack, oral granules [R03DC03or]  
 Montelukast 5 mg per tablet, oral ingestion tablet [R03DC03or]  
 Morphine (sulfate, hydrochloride) 10 mg/ml, in 1 ml ampoule, injection solution [N02AA01inj] → **EML!**  
 Mosapride 2.5 mg per tablet, oral ingestion tablet [A02BX15]  
 Mosapride 5 mg per tablet, oral ingestion tablet [A02BX15]  
 Moxifloxacin 400 mg per tablet, oral ingestion tablet [J01MA14or] → **EML!** → See: **National Tuberculosis Program List**

Multiple micronutrient formulation per sachet (1 g sachet) oral ingestion powder [A11AA03or] (vit A 400 mcg + vit C 30 mg + vit D 5 mcg + vit E 5 mg + vit B1 0.5 mg + riboflavin 0.5 mg + niacin (vit B3) 6 mg + pyridoxine (vit B6) 0.5 mg + cyanocobalamin (vit B12) 0.9 mcg + folic acid (vit B9) 150 mcg + iron 10 mg + zinc 4.1 mg + copper 0.56 mg + selenium 17 mcg + iodine) per sachet → **EML!**  
 Multiple micronutrient formulation 500 mg tablet, oral ingestion tablet [A11AA03or] (vit A 400 mcg + vit C 30 mg + vit D 5 mcg + vit E 5 mg + vit B1 0.5 mg + riboflavin 0.5 mg + niacin (vit B3) 6 mg + pyridoxine (vit B6) 0.5 mg + cyanocobalamin (vit B12) 0.9 mcg + folic acid (vit B9) 150 mcg + iron 10 mg + zinc 4.1 mg + copper 0.56 mg + selenium 17 mcg + iodine 90 mcg) per tablet → **EML!**

Multivitamins and calcium [A11AA02]  
 Multivitamins and iron [A11AA01]  
 Multivitamins and other minerals, including combinations [A11AA03] → **EML!**  
 Multivitamins and trace elements [A11AA04] → **EML!**  
 Multivitamins, other combinations [A11AB00] → **EML!**  
 Multivitamins, plain [A11BA00]  
 Mumps vaccine, injection [A11AA03or] or vial [J07BE01inj]  
 Mupirocin 2% in 10 g tube, topical cream [D06AX09] → **EML!**

**N**

N-acetyl-aspartyl-glutamic acid sodium salt 49 mg/ml, in 10 ml bottle, ophthalmic drop [S01GX03]  
 Nafcillin 500 mg per vial, injection powder [J01CF06inj]  
 Nalbuphine 10 mg/ml, in 1 ml, injection solution [N02AF02inj]  
 Nalbuphine 20 mg/ml, in 1 ml, injection solution [N02AF02inj]  
 Nalidixic acid 150 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01MB02or]  
 Nalidixic acid 250 mg/5 ml, in 60 ml bottle, oral ingestion suspension [J01MB02or] → **EML!**  
 Nalidixic acid 250 mg per tablet, oral ingestion tablet [J01MB02or] → **EML!**  
 Nalidixic acid 500 mg per tablet, oral ingestion tablet [J01MB02or] → **EML!**  
 Naloxone 400 mcg/ml, in 1 ml, injection solution [V03AB15inj] → **EML!**  
 Naltrexone hydrochloride 50 mg per tablet, oral ingestion tablet [N07BB04or]  
 Nandrolone 25 mg/ml, in 1 ml, injection solution [A14AB01inj]  
 Nandrolone 25 mg/ml, in 1 ml, injection solution [L02AX01inj]  
 Naphazoline 0.05% in 10 ml bottle, nasal drop [R01AA08] → **EML!**  
 Naphazoline 0.05% + antazoline 0.5% in 15 ml bottle, ophthalmic drop [S01GA51]  
 Naproxen 250 mg per tablet, oral ingestion tablet [M01AE02or]  
 Naproxen 275 mg per tablet, oral ingestion tablet [M01AE02or]  
 Naproxen 500 mg per tablet, oral ingestion tablet [M01AE02or]  
 Naproxen 550 mg per tablet, oral ingestion tablet [M01AE02or]  
 Natamycin 5% in 15 ml bottle, ophthalmic drop [S01AA10]  
**Nelfinavir (NFV)** 200 mg/5 ml, oral ingestion suspension [J05AE04or] → **EML!** → See: National HIV/AIDS Program List  
**Nelfinavir (NFV)** 250 mg per tablet, oral ingestion tablet [J05AE04or] → **EML!** → See: National HIV/AIDS Program List  
**Nelfinavir (NFV)** 50 mg/g in 144 g pack, oral ingestion powder [J05AE04or] → **EML!** → See: National HIV/AIDS Program List  
**Nelfinavir (NFV)** 625 mg per tablet, oral ingestion tablet [J05AE04or] → **EML!** → See: National HIV/AIDS Program List  
 Neomycin sulfate 0.5% in 15 g tube, topical cream [S01AA03] → **EML!**  
 Neomycin sulfate 0.5% in 15 g tube, topical ointment [D06AX04]  
 Neomycin sulfate 500 mg per tablet, oral ingestion tablet [J01GB05or]  
 Neostigmine bromide 15 mg per tablet, oral ingestion tablet [N07AA01or] → **EML!**  
 Neostigmine methylsulfate 0.5 mg/ml, in 10 ml, injection solution [N07AA01inj] → **EML!**  
**Nevirapine (NVP)** 200 mg per tablet, oral ingestion tablet [J05AG01or] → See: National HIV/AIDS Program List  
**Nevirapine (NVP)** 50 mg/5 ml, oral ingestion liquid [J05AG01or] → See: National HIV/AIDS Program List  
 Niclosamide 500 mg per tablet, oral ingestion chewable tablet [P02DA01or] → **EML!**  
 Nicotinamide 50 mg per tablet, oral ingestion tablet [A11HA01or]  
 Nicotinic acid 100 mg per tablet, oral ingestion tablet [C10AD02or]  
 Nifedipine 10 mg per tablet, oral ingestion tablet [G02CA04or] → **EML!**  
 Nifedipine 20 mg per capsule, oral ingestion capsule [G02CA04or] → **EML!**  
 Nifedipine slow-release 10 mg per tablet, oral ingestion tablet [C08CA05or] → **EML!**  
 Nifedipine slow-release 20 mg per tablet, oral ingestion tablet [C08CA05or] → **EML!**  
 Nikethamide 25% in 15 ml bottle, oral drop [R07AB02or]  
 Nikethamide 25% in 2 ml ampoule, injection solution [R07AB02inj]  
 Nimesulide 100 mg per tablet, oral ingestion tablet [M01AX17or]  
 Nimesulide 75 mg/ml, injection solution [M02AA26inj]

Nimodipine 30 mg per tablet, oral ingestion tablet [C08CA06or]  
 Nitrazepam 5 mg per tablet, oral ingestion tablet [N05CD02or]  
 Nitrofural (nitrofurazone) 0.2% in 28 g, topical ointment [D08AF01]  
 Nitrofurantoin 100 mg per tablet, oral ingestion tablet [J01XE01or] → **EML!**  
 Nitroprusside sodium 50 mg per vial, injection powder [C02DD01inj]  
 Nitrous oxide inhalation gas [N01AX13]  
 Norepinephrine 2 mg/ml, injection solution [C01CA03inj]  
 Norethisterone 5 mg per tablet, oral ingestion tablet [G03DC02or] → **EML!**  
 Norfloxacin 0.5% in 5 ml bottle, ophthalmic drop [S01AX12]  
 Norfloxacin 3% in 5 ml bottle, ophthalmic drop [S01AX12]  
 Norfloxacin 400 mg per tablet, oral ingestion tablet [J01MA06or]  
 Norgestrel 0.075 mg per tablet, oral ingestion tablet [G03AC10or] → **EML!** → See: **National Family Planning Program List**  
 Nortriptyline 10 mg per tablet, oral ingestion tablet [N06AA10or] → **EML!**  
 Nortriptyline 25 mg per tablet, oral ingestion tablet [N06AA10or]  
 Nystatin 100,000 IU/g, in 15 g tube, vaginal cream [G01AA01vg] → **EML!**  
 Nystatin 100,000 IU/g, in 25 g tube, topical cream [D01AA01] → **EML!**  
 Nystatin 100,000 IU/ml, in 15 ml, oral topical drop [A07AA02or] → **EML!**  
 Nystatin 100,000 IU/ml, in 30 ml, oral topical suspension [A01AB11or] → See: **Dental List**  
 Nystatin 100,000 IU per ovule, vaginal suppository [G01AA01vg] → **EML!**  
 Nystatin 100,000 IU per tablet, oral ingestion tablet [A07AA02or] → **EML!**  
 Nystatin 100,000 IU per tablet, vaginal tablet [G01AA01vg] → **EML!**  
 Nystatin 200,000 IU/ml, oral topical suspension [A01AB11or] → See: **Dental List**  
 Nystatin 500,000 IU per tablet, oral ingestion tablet [A07AA02or] → **EML!**

**O**

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Obidoxime 250 mg/ml, injection solution [V03AB13inj]  
 Octreotide 0.05 mg/ml, in 1 ml ampoule, injection solution [H01CB02inj]  
 Octreotide 0.1 mg/ml, in 1 ml ampoule, injection solution [H01CB02inj]  
 Ofloxacin 0.3% in 5 ml bottle, ophthalmic drop [S01AX11]  
 Ofloxacin 0.3% in 5 ml bottle, ophthalmic ointment [S01AX11]  
 Ofloxacin 200 mg per tablet, oral ingestion tablet [J01MA01or]  
 Ofloxacin 2 mg/ml, in 100 ml vial, infusion solution [J01MA01inj]  
 Ofloxacin 400 mg per tablet, oral ingestion tablet [J01MA01or]  
 Oilgominol liquid [V99AB00] → See: **Dispensary List**  
 Olanzapine 10 mg per tablet, oral ingestion tablet [N05AH03or]  
 Olanzapine 20 mg per tablet, oral ingestion tablet [N05AH03or]  
 Olanzapine 5 mg per tablet, oral ingestion tablet [N05AH03or]  
 Olive oil liquid [V99AB00] → See: **Dispensary List**  
 Omega-3 + acid ethyl esters 1,000 mg per capsule, oral ingestion capsule [C10AX06or]  
 Omeprazole 20 mg per capsule, oral ingestion capsule [A02BC01or] → **EML!**  
 Omeprazole 20 mg + amoxicillin 1 g + clarithromycin 500 mg per blister, oral ingestion tablet [A02BD05or]  
 Omeprazole 40 mg per capsule, oral ingestion capsule [A02BC01or] → **EML!**  
 Omeprazole 40 mg per vial, injection vial [A02BC01or] → **EML!**  
 Ondansetron HCl 2 mg/ml, in 2 ml ampoule, injection solution [A04AA01inj]  
 Ondansetron HCl 4 mg/5 ml, in 50 ml, oral ingestion syrup [A04AA01or]  
 Ondansetron HCl 4 mg per tablet, oral ingestion tablet [A04AA01or]

Opium tincture 10% oral solution [N07BC10or] → **EML!** → See: **National Drug Dependency Reduction Program**

Oral polio vaccine–bivalent(OPV-B) 20 doses per vial, oral vaccine [J07BF01or] → **EML!**

Oral polio vaccine–monovalent (OPV-M) 20 doses per vial, oral vaccine [J07BF01or] → **EML!**

Oral polio vaccine– triivalent (OPV-T) 20 doses per vial, oral vaccine [J07BF02or] → **EML!**

Oral rehydration salts (ORS) 20.5 g/L, in 1 L sachet, oral powder [A07CA01or] → **EML!**

Oral rehydration salts (ORS) 27.9 g/L, in 1 L sachet, oral powder [A07CA01or] → **EML!**

Oral rehydration salts (ORS ReSoMal) in 1 L sachet, oral ingestion powder [A07CA01or] → **EML!**

Orphenadrine 35 mg + paracetamol 450 mg per tablet, oral ingestion tablet [M03BC51or]

Orphenadrine 50 mg + paracetamol 650 mg per tablet, oral ingestion tablet [M03BC51or]

Oxazepam 10 mg per tablet, oral ingestion tablet [N05BA04or]

Oxazepam 15 mg per tablet, oral ingestion tablet [N05BA04or]

Oxcarbazepine 300 mg per tablet, oral ingestion tablet [N03AF02or]

Oxygen inhalation gas [V03AN01] → **EML!**

Oxymetholone 50 mg per tablet, oral ingestion tablet [A14AA05or]

Oxytetracycline 250 mg per capsule, oral ingestion capsule [J01AA06or]

Oxytocin 10 IU/ml, in 1 ml ampoule, injection solution [H01BB02inj] → **EML!**

## P

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Pantoprazole 20 mg per tablet, oral ingestion tablet [A02BC02or]

Pantoprazole 40 mg per tablet, oral tablet [A02BC02or]

Pantoprazole 40 mg per vial, injection vial [A02BC02inj]

Papaverine 20 mg/ml, in 2 ml ampoule, injection solution [A03AD01inj]

Para-aminosalicylic acid (PAS) 4 g per sachet, oral ingestion granules [J04AA01or] → **EML!** → See: **National Tuberculosis Program List**

Paracetamol (acetaminophen) 100 mg/ml, in 15 ml bottle, oral ingestion drop [N02BE01or] → **EML!**

Paracetamol (acetaminophen) 100 mg per tablet, oral ingestion tablet [N02BE01or] → **EML!**

Paracetamol (acetaminophen) 10 mg/ml, in 100 ml vial, infusion solution [N02BE01inj]

Paracetamol (acetaminophen) 120 mg/5 ml, in 60 ml bottle, oral syrup [N02BE01or] → **EML!**

Paracetamol (acetaminophen) 125 mg per suppository, rectal suppository [N02BE01rec] → **EML!**

Paracetamol (acetaminophen) 225 mg/3 ml, injection solution [N02BE01inj]

Paracetamol (acetaminophen) 250 mg/5 ml, in 60 ml bottle, oral syrup [N02BE01or]

Paracetamol (acetaminophen) 325 mg per tablet, oral ingestion tablet [N02BE01or] → **EML!**

Paracetamol (acetaminophen) 500 mg per tablet, oral ingestion tablet [N02BE01or] → **EML!**

Paracetamol 325 mg + caffeine 30 mg + chlorphenamine 4 mg per tablet, oral ingestion tablet [N02CX52or]

Paracetamol 325 mg + caffeine 30 mg + phenylpropanolamine 4 mg per tablet, oral ingestion tablet [N02CX52or]

Paracetamol 325 mg + pseudoephedrine 30 mg + dextromethorphan 10 mg + chlorphenamine 1 mg + ascorbic acid (vit C) 5 mg/5 ml, oral syrup [R01BA52or]

Paracetamol 325 mg + pseudoephedrine 30 mg + dextromethorphan 10 mg + chlorphenamine 1 mg + ascorbic acid (vit C) 5 mg per tablet, oral ingestion tablet [R01BA52or]

Paracetamol 500 mg + caffeine 65 mg per tablet, oral ingestion tablet [N02CX52or]

Paracetamol 500 mg + codeine 8 mg per tablet, oral ingestion tablet [N02AA59or]

Paracetamol 500 mg + pseudoephedrine 60 mg + codeine 4 mg per tablet, oral ingestion tablet [R05XA51or]

Paracetamol 80 mg + pseudoephedrine 30 mg + triprolidine 1.25 mg/5 ml, in 60 ml bottle, oral ingestion suspension [R06AX07or]

Paraffin liquid 6% + paraffin wax, soft 15% [D02AC01] → See: **Dispensary List**

Paraffin liquid in 10 ml bottle, oral ingestion liquid [A06AA01or]

Paraffin, hard [V99AB00] → See: **Dispensary List**

Paraffin, yellow [V99AB00] → **See: Dispensary List**

Parathyroid hormone 100 IU per vial, injection vial [H05AA03inj]

Paromomycine sulfate 125 mg/5 ml, in 60 ml bottle, oral syrup [A07AA06or]

Paromomycine sulfate 250 mg per capsule, oral ingestion capsule [A07AA06or]

Pectin [A07BC01] → **See: Dispensary List**

Pegylated interferon alfa 2a 180 mcg/ml, injection solution [L03AB11inj]

Pemoline 18.75 mg per tablet, oral ingestion tablet [N06BA05or]

Pemoline 37.5 mg per tablet, oral ingestion tablet [N06BA05or]

Pemoline 75 mg per tablet, oral ingestion tablet [N06BA05or]

Penicillamine 125 mg per tablet, oral ingestion tablet [M01CC01or] → **EML!**

Penicillamine 250 mg per tablet, oral ingestion tablet [M01CC01or] → **EML!**

Penicillin benzyl (peni G crystal) 1 MU per vial, injection vial [J01CE01inj] → **EML!**

Penicillin benzyl (peni G crystal) 5 MU per vial, injection vial [J01CE01inj] → **EML!**

Penicillin benzyl 0.5 MU + penicillin procaine 1.5 MU per vial, injection vial [J01CE09inj] → **EML!**

Penicillin benzyl 1 MU + penicillin procaine 3 MU per vial, injection vial [J01CE09inj] → **EML!**

Penicillin benzyl 2 MU + penicillin procaine 6 MU per vial, injection vial [J01CE09inj] → **EML!**

Penicillin benzyl benzathine 1.2 MU per vial, injection vial [J01CE08inj] → **EML!**

Penicillin benzyl benzathine 2.4 MU per vial, injection vial [J01CE08inj] → **EML!**

Penicillin benzyl procaine 1 MU per vial, injection vial [J01CE09inj]

Penicillin benzyl procaine 2 MU per vial, injection vial [J01CE09inj] → **EML!**

Penicillin benzyl procaine 4 MU per vial, injection vial [J01CE09inj] → **EML!**

Penicillin V (phenoxyethylpenicillin) 250 mg/5 ml, in 100 ml bottle, oral ingestion suspension [J01CE02or] → **EML!**

Penicillin V (phenoxyethylpenicillin) 250 mg per tablet, oral ingestion tablet [J01CE02or] → **EML!**

Penicillin V (phenoxyethylpenicillin) 500 mg per tablet, oral ingestion tablet [J01CE02or] → **EML!**

Pentavalent, diphtheria, tetanus, pertussis, HepB, Hib injection solution [J07BH02inj]

Pentazocin 30 mg/ml, in 1 ml, injection solution [N02AD01inj]

Peppermint oil [V99AB00] → **See: Dispensary List**

Peritoneal dialytics, hypertonic solutions 1,000 ml per bag, parenteral solution [B05DB00]

Peritoneal dialytics, isotonic solutions 1,000 ml per bag, parenteral solution [B05DA00] → **EML!**

Permethrin 1% in 60 ml bottle, topical lotion [P03AC04] → **EML!**

Permethrin 5% in 30 g tube, topical cream [P03AC04] → **EML!**

Pethidine 100 mg per tablet, oral ingestion tablet [N02AB02or] → **EML!**

Pethidine 50 mg/ml, injection solution [N02AB02inj] → **EML!**

Pethidine 50 mg per tablet, oral ingestion tablet [N02AB02or] → **EML!**

Pheniramine 15 mg/5 ml, in 60 ml, oral syrup [R06AB05or]

Pheniramine 22.7 mg/ml, in 2 ml ampoule, injection solution [R06AB05inj]

Pheniramine 25 mg per tablet, oral ingestion tablet [R06AB05or]

Phenobarbital 100 mg/ml, in 2 ml, injection solution [N03AA02inj] → **EML!**

Phenobarbital 100 mg per tablet, oral ingestion tablet [N03AA02or] → **EML!**

Phenobarbital 15 mg/5 ml, in 100 ml bottle, oral solution [N03AA02or]

Phenobarbital 15 mg per tablet, oral ingestion tablet [N03AA02or] → **EML!**

Phenobarbital 25 mg per tablet, oral ingestion tablet [N03AA02or] → **EML!**

Phenobarbital 30 mg per tablet, oral ingestion tablet [N03AA02or] → **EML!**

Phenobarbital 50 mg/ml, in 2 ml, injection solution [N03AA02inj] → **EML!**

Phenobarbital 50 mg per tablet, oral ingestion tablet [N03AA02or] → **EML!**

Phenobarbital sodium 200 mg/ml, injection solution [N03AA02inj]

Phenol 0.4% + menthol 0.035% + glycerin 10% + sodium phenolate 1% in 25 ml tube, oral topical gel [A01AD11]

Phenol powder [V99AB00] → **See: Dispensary List**

Phenprobamate 400 mg per tablet, oral ingestion tablet [M03BA01or]

Phenylepherine 0.12% in 3 ml bottle, ophthalmic drop [S01GA05]

Phenylepherine 0.5% in 10 ml bottle, nasal drop [R01AA04ns]

Phenylepherine 10% in 1 ml bottle, ophthalmic drop [S01FB01]

Phenylepherine 2.5% in 2 ml bottle, ophthalmic drop [S01FB01]

Phentyoin 100 mg per tablet, oral ingestion tablet [N03AB02or]

Phentyoin 25 mg per tablet, oral ingestion tablet [N03AB02or]

Phentyoin 50 mg/5 ml, injection solution [N03AB02inj]

Phentyoin 50 mg per tablet, oral ingestion tablet [N03AB02or]

Pholcodine 1.5 mg + promethazine 1.5 mg/5 ml, in 60 ml bottle, oral syrup [R05DA08or]

Physostigmine 0.25% in 3.5 g, ophthalmic ointment [S01EB05]

Physostigmine 0.25%, ophthalmic drop [S01EB05]

Physostigmine 0.5%, ophthalmic drop [S01EB05]

Physostigmine 1 mg per ampoule, injection solution [V03AB19inj]

Phytomenadione (vit K) 10 mg/ml, in 1 ml, injection solution [B02BA01inj] → **EML!**

Phytomenadione (vit K) 10 mg per tablet, oral ingestion tablet [B02BA01or] → **EML!**

Pilocarpine 2% in 15 ml bottle, ophthalmic drop [S01EB01] → **EML!**

Pilocarpine 4% in 15 ml bottle, ophthalmic drop [S01EB01] → **EML!**

Pinene 310 mg + camphene 150 mg + cineol B.P.C 30 mg + fenchone 40 mg + borneol 100 mg + anethol USP 40 mg (Rowatenix), in 100 g bottle, oral liquid [G04BA20or]

Pinene 31 mg + camphene 15 mg + cineol B.P.C 3 mg + fenchone 4 mg + borneol 10 mg + anethol USP 4 mg + olive (Rowatenix) per capsule, oral ingestion capsule [G04BA20or]

Pioglitazone 15 mg per tablet, oral ingestion tablet [A10BG03or]

Pioglitazone 30 mg per tablet, oral ingestion tablet [A10BG03or]

Pioglitazone 45 mg per tablet, oral ingestion tablet [A10BG03or]

Piperacillin 2 g + tazobactam 250 mg per vial, injection vial [J01CR05inj]

Piperacillin 4 g + tazobactam 500 mg per vial, injection vial [J01CR05inj]

Piracetam 200 mg per tablet, oral ingestion tablet [N06BX03or]

Piracetam 400 mg per tablet, oral ingestion tablet [N06BX03or]

Piracetam 800 mg per tablet, oral ingestion tablet [N06BX03or]

Piroxicam 0.5% in 50 g tube, topical gel [M01AC01]

Piroxicam 10 mg/ml, in 2 ml, injection solution [M01AC01inj]

Piroxicam 20 mg per capsule, oral ingestion capsule [M01AC01or]

Pizotifen 0.25 mg/5 ml, in 60 ml bottle, oral syrup [N02CX01or]

Pizotifen 0.5 mg per tablet, oral ingestion tablet [N02CX01or]

Pneumococcal conjugated vaccine 23-valent, 1 dose per vial, injection vial [J07AL02inj] → **EML!**

Pneumococcal conjugated vaccine 7-valent 1 dose per vial, injection vial [J07AL02inj] → **EML!**

Polygeline 3.5% injection solution [B05AX01inj]

Polymyxin 1% in 5 ml bottle, ophthalmic drop [S01AA18]

Polymyxin 100,000 IU + neomycin 5 mg + hydrocortisone 10 mg/ml, in 10 ml bottle, otic drop [S02CA03]

Polymyxin 10,000 IU + bacitracin 500 IU/g, in 20 g tube, topical ointment [D06AX05]

Polymyxin 10,000 IU + bacitracin 500 IU/g, in 6 g tube, ophthalmic ointment [S01AA30]

Potassium chloride [B05XA01] → **See: Dispensary List**

Potassium chloride 11.2% in 20 ml ampoule, injection solution [B05XA01inj] → **EML!**

Potassium chloride 15% in 20 ml ampoule, injection solution [B05XA01inj] → **EML!**

Potassium chloride 7.5% in 20 ml ampoule, injection solution [B05XA01inj] → **EML!**

Potassium iodide 1 g/ml, oral solution [V03AB21or]

Potassium iodide 60 mg per tablet, oral ingestion tablet [V03AB21or] → **EML!**  
Potassium iodide powder [V03AB21] → **See: Dispensary List**  
Potassium permanganate 0.01% topical solution [D08AX06] → **EML!**  
Potassium permanganate powder [D08AX06] → **See: Dispensary List**  
Povidone iodine 1% in 100 ml bottle, topical solution [A01AB11] → **See: Dental List**  
Povidone iodine 6 mg + polyvinyl alcohol 14 mg/ml, in 10 ml bottle, ophthalmic drop [S01AX18]  
Povidone iodine 10% in 18 g tube, vaginal gel [G01AX11vg]  
Povidone iodine 10% topical solution [D08AG02] → **EML!**  
Povidone iodine 7.5% topical solution [D08AG02]  
Pralidoxime 500 mg/ml, injection solution [V03AB04inj] → **EML!**  
Praziquantel 150 mg per tablet, oral ingestion tablet [P02BA01or]  
Praziquantel 600 mg per tablet, oral ingestion tablet [P02BA01or]  
Prazosin 1 mg per tablet, oral ingestion tablet [C02CA01or]  
Precipitated sulfur powder [D10AB02] → **See: Dispensary List**  
Prednisolone 0.1% + sulfacetamide 10% + phenylephrine 0.12% ophthalmic drop [S01CB02]  
Prednisolone 0.2% + sulfacetamide 10% in 5 ml bottle, ophthalmic drop [S01CA02]  
Prednisolone 0.5% in 5 ml bottle, ophthalmic drop [S01BA04] → **EML!**  
Prednisolone 1% in 5 ml bottle, ophthalmic drop [S01BA04] → **EML!**  
Prednisolone 5 mg per tablet, oral ingestion tablet [H02AB06or] → **EML!**  
Prednisolone 5 mg + chloramphenicol 2 mg/ml, in 5 ml bottle, ophthalmic drop [S01CA02]  
Pregabalin 100 mg per tablet, oral ingestion tablet [N03AX16or]  
Pregabalin 300 mg per tablet, oral ingestion tablet [N03AX16or]  
Pregabalin 50 mg per tablet, oral ingestion tablet [N03AX16or]  
Primaquine 15 mg per tablet, oral ingestion tablet [P01BA03or] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
Primaquine 7.5 mg per tablet, oral ingestion tablet [P01BA03or] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
Primidone 250 mg/5 ml, oral syrup [N03AA03or]  
Primidone 250 mg per tablet, oral ingestion tablet [N03AA03or]  
Probenecid 500 mg per tablet, oral ingestion tablet [M04AB01or]  
Procainamide 100 mg/ml, in 10 ml ampoule, injection solution [C01BA02inj] → **EML!**  
Procainamide 250 mg per tablet, oral ingestion tablet [C01BA02or] → **EML!**  
Procarbazine 50 mg per capsule, oral ingestion capsule [L01XB01or]  
Procyclidine 5 mg per tablet, oral ingestion tablet [N04AA04or]  
Progesterone 25 mg/ml, in 1 ml, injection solution [G03DA04inj]  
Proglumide 200 mg per tablet, oral ingestion tablet [A02BX06or]  
Proglumide 400 mg per tablet, oral ingestion tablet [A02BX06or]  
Promethazine 25 mg/ml, in 2 ml ampoule, injection solution [R06AD02inj] → **EML!**  
Promethazine 25 mg per tablet, oral ingestion tablet [R06AD02or] → **EML!**  
Promethazine 3.6 mg + ephedrine 7.2 mg + pholcodine 1.5 mg/5 ml, in 60 ml bottle, oral syrup [R05DA08or]  
Promethazine 5 mg/5 ml, oral syrup [R06AD02or] → **EML!**  
Propofol 10 mg/ml, in 100 ml ampoule, infusion solution [N01AX10inj] → **EML!**  
Propofol 10 mg/ml, in 20 ml, infusion solution [N01AX10inj] → **EML!**  
Propranolol 10 mg per tablet, oral ingestion tablet [C07AA05or] → **EML!**  
Propranolol 20 mg per tablet, oral ingestion capsule or tablet [C07AA05or] → **EML!**  
Propranolol 40 mg per tablet, oral ingestion tablet [C07AA05or] → **EML!**  
Propylene glycol liquid [V99AB00] → **See: Dispensary List**  
Propylidone oily 600 mg/ml, in 20 ml ampoule, injection solution [V08AD03inj]

Propylthiouracil 50 mg per tablet, oral ingestion tablet [H03BA02or]  
 Protamine sulfate 10 mg/ml, in 5 ml ampoule, injection solution [V03AB14inj] → **EML!**  
 Pseudoephedrine 15 mg + chlorphenamine maleate 1 mg/5 ml, in 60 ml bottle, oral syrup [R01BA52or]  
 Pulpergy solution [V99AA00] → **See: Dental List**  
 Pyrantel pamoate 250 mg per tablet, oral ingestion tablet [P02CC01or]  
 Pyrantel pamoate 50 mg/ml, in 10 ml bottle, oral ingestion suspension [P02CC01or]  
 Pyrazinamide (PZA) 150 mg per tablet, oral ingestion tablet [J04AK01or] → **EML!** → **See: National Tuberculosis Program List**  
 Pyrazinamide (PZA) 400 mg per tablet, oral ingestion tablet [J04AK01or] → **EML!** → **See: National Tuberculosis Program List**  
 Pyrazinamide (PZA) 500 mg per tablet, oral ingestion tablet [J04AK01or] → **EML!** → **See: National Tuberculosis Program List**  
 Pyridostigmine bromide 60 mg per tablet, oral ingestion tablet [N07AA02or]  
 Pyridoxine (vit B6) 25 mg per tablet, oral ingestion tablet [A11HA02or] → **EML!**  
 Pyridoxine (vit B6) 40 mg per tablet, oral ingestion tablet [A11HA02or] → **EML!**  
 Pyridoxine (vit B6) 50 mg/ml, in 2 ml ampoule, injection solution [A11HA02inj]  
 Pyrimethamine 25 mg per tablet, oral ingestion tablet [P01BD01or]

## Q

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Quetiapine 100 mg per tablet, oral ingestion tablet [N05AH04or]  
 Quetiapine 200 mg per tablet, oral ingestion tablet [N05AH04or]  
 Quetiapine 25 mg per tablet, oral ingestion tablet [N05AH04or]  
 Quetiapine 300 mg per tablet, oral ingestion tablet [N05AH04or]  
 Quetiapine 5 mg/5 ml, oral syrup [N05AH04or]  
 Quinapril 10 mg per tablet, oral ingestion tablet [C09AA06or]  
 Quinapril 20 mg per tablet, oral ingestion tablet [C09AA06or]  
 Quinapril 5 mg per tablet, oral ingestion tablet [C09AA06or]  
 Quinine dihydrochloride 300 mg/ml, in 2 ml ampoule, injection solution [P01BC01inj] → **EML!** → **See: National Malaria and Leishmania Control Program List**

Quinine sulfate 300 mg per tablet, oral ingestion tablet [P01BC01or] → **EML!** → **See: National Malaria and Leishmania Control Program List**

## R

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Rabeprazole 20 mg per tablet, oral ingestion tablet [A02BC04or]  
 Rabies antitoxin 150 mg/ml, in 1 ml, injection vial [J06AA06inj] → **EML!**  
 Rabies vaccine 1 dose per vial, injection vial [J07BG01inj]  
 Raltegravir 400 mg per tablet, oral ingestion tablet [J05AX08or] → **EML!** → **See: National HIV/AIDS Program List**  
 Ramipril 10 mg per tablet, oral ingestion tablet [C09AA05or]  
 Ramipril 2.5 mg per tablet, oral ingestion tablet [C09AA05or]  
 Ramipril 5 mg per tablet, oral ingestion tablet [C09AA05or]  
 Ranitidine 150 mg per tablet, oral ingestion tablet [A02BA02or] → **EML!**  
 Ranitidine 25 mg/ml, in 2 ml ampoule, injection solution [A02BA02inj] → **EML!**  
 Ranitidine 300 mg per tablet, oral ingestion tablet [A02BA02or] → **EML!**  
 Reboxetine 2 mg per tablet, oral ingestion tablet [N06AX18or]  
 Reboxetine 4 mg per tablet, oral ingestion tablet [N06AX18or]  
 Resorcin powder [V99AB00] → **See: Dispensary List**  
 Reteplase 10 IU per vial, injection vial [B01AD07inj]  
 Retinol (oily) (vit A) 100,000 IU/ml, oral ingestion solution [A11CA01or] → **EML!**

Retinol (vit A) 100,000 IU per ampoule, injection solution [A11CA01inj] → **EML!**  
 Retinol (vit A) 100,000 IU per tablet, oral ingestion tablet [A11CA01or] → **EML!**  
 Retinol (vit A) 200,000 IU per tablet, oral ingestion tablet [A11CA01or] → **EML!**  
 Retinol (vit A) 30,000 IU + tocopherol 70 mg per tablet, oral chewable tablet [A11JA00or]  
 Retinol (vit A) 50,000 IU per ampoule, injection solution [A11CA01inj]  
 Retinol (vit A) 50,000 IU per capsule, oral ingestion capsule [A11CA01or]  
 Retinol (vit A) 850 IU + colecalciferol (vit D3) 85 IU/g, in 30g tube, topical ointment [D02AX00] → **EML!**  
 Ribavirin 200 mg per tablet, oral ingestion tablet [J05AB04or]  
 Ribavirin 400 mg per tablet, oral ingestion tablet [J05AB04or]  
 Ribavirin 500 mg per tablet, oral ingestion tablet [J05AB04or]  
 Ribavirin 50 mg/5 ml, in 60 ml, oral solution [J05AB04or]  
 Ribavirin 600 mg per tablet, oral ingestion tablet [J05AB04or]  
 Riboflavin (vit B2) 3 mg per tablet, oral ingestion tablet [A11HA04or]  
 Rifampicin 150 mg per tablet or capsule, oral ingestion tablet or capsule [J04AB02or] → **EML!**  
 Rifampicin 300 mg per tablet or capsule, oral ingestion tablet or capsule [J04AB02or] → **EML!**  
 Rifampicin 100 mg/5 ml, oral ingestion suspension [J04AB02or]  
 Rifampicin 150 mg + isoniazid 75 mg (RH) per tablet, oral ingestion tablet [J04AM02or] → **EML!**  
 → **See: National Tuberculosis Program List**  
 Rifampicin 150 mg + isoniazid 75 mg + ethambutol 275 mg (RHE) per tablet, oral ingestion tablet  
 [J04AM07or] → **EML!** → **See: National Tuberculosis Program List**  
 Rifampicin 300 mg + dapsone 50 mg + clofazimine 50 mg per tablet, oral ingestion tablet  
 [J04BA01or] → **EML!** → **See: National Leprosy Program List**  
 Rifampicin 600 mg + dapsone 100 mg + clofazimine 50 mg per tablet, oral ingestion tablet  
 [J04BA01or] → **EML!** → **See: National Leprosy Program List**  
 Rifampicin 60 mg + isoniazid 30 mg (RH) per tablet, oral ingestion tablet [J04AM02or] → **EML!**  
 → **See: National Tuberculosis Program List**  
 Rifampicin 60 mg + isoniazid 30 mg + pyrazinamide 150 mg (RHZ) per tablet, oral ingestion tablet  
 [J04AM05or] → **EML!** → **See: National Tuberculosis Program List**  
 Rifampicin 150 mg + isoniazid 75 mg + pyrazinamide 400 mg + ethambutol 275 mg (RHZE) per tablet, oral  
 ingestion tablet or capsule [J04AM06or] → **EML!** → **See: National Tuberculosis Program List**  
 Ringer's lactate in 1,000 ml, infusion solution [B05BB02inj] → **EML!**  
 Ringer's lactate in 500 ml, infusion solution [B05BB02inj] → **EML!**  
 Risperidone 1 mg per tablet, oral ingestion tablet [N05AX08or]  
 Risperidone 2 mg per tablet, oral ingestion tablet [N05AX08or]  
 Risperidone 3 mg per tablet, oral ingestion tablet [N05AX08or]  
 Risperidone 4 mg per tablet, oral ingestion tablet [N05AX08or]  
 Ritodrine 10 mg/ml, in 5 ml ampoule, injection solution [G02CA01inj]  
 Ritodrine 10 mg per tablet, oral ingestion tablet [G02CA01or] → **EML!**  
 Ritonavir (RTV) 100 mg per tablet, oral ingestion tablet [J05AE03or] → **EML!** → **See: National HIV/AIDS**  
**Program List**  
 Ritonavir (RTV) 400 mg/5 ml, oral liquid [J05AE03or] → **EML!** → **See: National HIV/AIDS Program List**  
 Rivastigmine 3 mg per tablet, oral ingestion tablet [N06DA03or]  
 Rosuvastatin 10 mg per tablet, oral ingestion tablet [C10AA07or]  
 Rosuvastatin 20 mg per tablet, oral ingestion tablet [C10AA07or]  
 Rotavirus monovalent/pentavalent single or double dose in 2 vials, oral vaccine [J07BH01or] → **EML!**  
 Rubella vaccine, live attenuated in 1 dose, injection vial [J07BJ01or] → **EML!**

**S**

Salbutamol 0.05 mg/ml, in 5 ml ampoule, injection solution [R03CC02inj] → **EML!**  
 Salbutamol 0.5 mg/ml, in 1 ml ampoule, injection solution or vial [R03CC02inj] → **EML!**  
 Salbutamol 0.1 mg per dose, in 200 dose bottle, inhalation solution [R03AC02ihas] → **EML!**  
 Salbutamol 1 mg + guaifenesin 50 mg/5 ml, in 60 ml bottle, oral syrup [R03CK00or]  
 Salbutamol 2 mg/5 ml, in 60 ml bottle, oral syrup [R03CC02or] → **EML!**  
 Salbutamol 2 mg per tablet, oral ingestion tablet [R03CC02or] → **EML!**  
 Salbutamol 4 mg per tablet, oral ingestion tablet [R03CC02or] → **EML!**  
 Salbutamol 5 mg/ml, nebulizer solution [R03AC02ihsl] → **EML!**  
 Salicylic acid 2% topical solution [D01AE12]  
 Salicylic acid 3% topical solution [D01AE12]  
 Salicylic acid 5% topical solution [D01AE12] → **EML!**  
 Salicylic acid powder [V99AB00] → **See: Dispensary List**  
 Saquinavir (SQV) 200 mg per capsule, oral ingestion capsule [J05AE01or] → **EML!** → **See: National HIV/AIDS Program List**  
 Saquinavir 200 mg + ritonavir 500 mg (SQV/r) per tablet, oral ingestion tablet [J05AR08or] → **EML!**  
 Scorpion antivenom in 5 ml, injection vial [J06AA20inj] → **EML!**  
 Secnidazol 16.67 mg/ml, in 30 ml bottle, oral ingestion syrup [P01AB07or]  
 Secnidazol 1 g per tablet, oral ingestion tablet [P01AB07or]  
 Secnidazol 500 mg per tablet, oral ingestion tablet [P01AB07or]  
 Selenium sulfide 1% in 30 ml bottle, topical solution [D01AE13]  
 Selenium sulfide 1% topical shampoo [D01AE13]  
 Selenium sulfide 2.5% in 30 ml bottle, topical lotion [D01AE13]  
 Selenium sulfide 2.5% topical shampoo [D01AE13]  
 Senna glycosides 7.5 mg per tablet, oral ingestion tablet [A06AB06or]  
 Seratiopeptidase 10,000 IU per tablet, oral ingestion tablet [M09AB52or]  
 Seratiopeptidase 10 mg per tablet, oral ingestion tablet [D03BA03or]  
 Sertraline hydrochloride 50 mg per tablet, oral ingestion tablet [N06AB06or]  
 Sildenafil 100 mg per tablet, oral ingestion tablet [G04BE03or]  
 Sildenafil 50 mg per tablet, oral ingestion tablet [G04BE03or]  
 Silver nitrate powder [S01AX02] → **See: Dispensary List**  
 Silver sulfadiazine 1% in 20 g tube, topical cream [D06BA01] → **EML!**  
 Silver sulfadiazine 1% in 500 g container, topical cream [D06BA01] → **EML!**  
 Simethicone (dimethicone + silica gel) activated 40 mg/ml, in 15 ml, oral drop [A02BX14or]  
 Simethicone (dimethicone + silica gel) activated 40 mg per tablet, oral chewable tablet [A02BX14or]  
 Simvastatin 10 mg per tablet, oral ingestion tablet [C10AA01or]  
 Simvastatin 20 mg per tablet, oral ingestion tablet [C10AA01or]  
 Simvastatin 40 mg per tablet, oral ingestion tablet [C10AA01or]  
 Snake antivenom, injection vial [J06AA03inj]  
 Sodium aurothiomalate 100 mg/ml, injection solution [M01CB01inj]  
 Sodium aurothiomalate 20 mg/ml, injection solution [M01CB01inj]  
 Sodium aurothiomalate 40 mg/ml, injection solution [M01CB01inj]  
 Sodium bicarbonate 1.4% in 20 ml vial, injection vial [B05CB04inj] → **EML!**  
 Sodium bicarbonate 7.5% in 20 ml vial, injection vial [B05CB04inj]  
 Sodium bicarbonate 8.4% in 10 ml vial, injection vial [B05CB04inj] → **EML!**  
 Sodium bicarbonate powder [V99AB00] → **See: Dispensary List**  
 Sodium biphosphate 19.2 g + sodium phosphate 7.2 g/ml, rectal solution [A06AD17]

Sodium chloride 0.65% in 10 ml, nasal drop [R01AX30] → **EML!**  
 Sodium chloride 0.9% in 1,000 ml bottle, injection solution [B05BB01inj] → **EML!**  
 Sodium chloride 0.9% in 500 ml bottle, injection solution [B05BB01inj] → **EML!**  
 Sodium chloride 5% in 15 ml bottle, ophthalmic drop [S01XA03]  
 Sodium chloride powder [V06DC01] → **See: Dispensary List**  
 Sodium chloride powder [V99AB00] → **See: Dispensary List**  
 Sodium citrate [B05CB02] → **See: Dispensary List**  
 Sodium fluoride 0.5% in 50 ml bottle, oral topical solution [A01AA01or] → **See: Dental List**  
 Sodium fluoride 0.5% in 60 g tube, oral topical gel [A01AA01or] → **See: Dental List**  
 Sodium fluoride 1 mg per tablet, oral ingestion tablet [A01AA01or] → **See: Dental List**  
 Sodium hypochlorite (chlorine) 0.5% root canal topical solution [A01AB11] → **See: Dental List**  
 Sodium hypochlorite (chlorine) 0.5% topical solution [D08AX07] → **EML!**  
 Sodium hypochlorite (chlorine) 5% topical solution [D08AX07]  
 Sodium hyposulfate powder [V99AB00] → **See: Dispensary List**  
 Sodium stibogluconate 100 mg/ml, injection solution [P01CB02inj] → **EML!** → **See: National Malaria and Leishmania Control Program List**  
 Sodium thiosulfate 250 mg/ml, in 50 ml ampoule, infusion solution [V03AB06inj]  
 Sorbitol 5 g per sachet, oral ingestion powder [A06AG07or]  
 Sotalol 40 mg per tablet, oral ingestion tablet [C07AA07or]  
 Sotalol 80 mg per tablet, oral ingestion tablet [C07AA07or]  
 Spiramycin 1 g per tablet, oral ingestion tablet [J01FA02or]  
 Spiramycin 500 mg per tablet, oral ingestion tablet [J01FA02or]  
 Spironolactone 100 mg per tablet, oral ingestion tablet [C03DA01or]  
 Spironolactone 50 mg per tablet, oral ingestion tablet [C03DA01or] → **EML!**  
 Spironolactone 25 mg per tablet, oral ingestion tablet [C03DA01or] → **EML!**  
 Spironolactone 50 mg + furosemide 20 mg per tablet, oral ingestion tablet [C03EB01or]  
 Spironolactone 50 mg + furosemide 40 mg per tablet, oral ingestion tablet [C03EB01or]  
 Starch powder [V99AB00] → **See: Dispensary List**  
 Stavudine 30 mg + lamivudine 150 mg (d4T/3TC) per tablet, oral ingestion tablet [J05AR09or] → **EML!**  
 Stavudine 30 mg + lamivudine 150 mg + nevirapine 200 mg (d4T/3TC/NVP) per tablet, oral ingestion tablet [J05AR07or] → **EML!** → **See: National HIV/AIDS Program List**  
 Stavudine 40 mg + lamivudine 150 mg (d4T/3TC) per tablet, oral ingestion tablet [J05AR09or] → **EML!**  
 Stearic acid powder [V99AB00] → **See: Dispensary List**  
 Streptokinase 0.25 MU per vial, injection vial [B01AD01inj]  
 Streptokinase 0.75 MU per vial, injection vial [B01AD01inj]  
 Streptokinase 1.5 MU per vial, injection vial [B01AD01inj]  
 Streptomycin (STM) 1 g per vial, injection vial [J04AB31inj] → **EML!** → **See: National Tuberculosis Program List**  
 Streptomycin 1 g per vial, injection vial [J01GA01inj] → **EML!**  
 Sucralfate 1 g/5 ml, in 120 ml bottle, oral ingestion suspension [A02BX02or]  
 Sucralfate 1 g per tablet, oral ingestion tablet [A02BX02or]  
 Sucralfate 500 mg per tablet, oral ingestion tablet [A02BX02or]  
 Sulfacetamide 10% in 15 ml bottle, ophthalmic drop [S01AB04] → **EML!**  
 Sulfacetamide 10% + phenylephrine 0.12% in 2.5 ml bottle, ophthalmic drop [S01GA55]  
 Sulfacetamide 20% in 15 ml bottle, ophthalmic drop [S01AB04] → **EML!**  
 Sulfacetamide 30% in 15 ml bottle, ophthalmic drop [S01AB04]  
 Sulfadiazine 500 mg per tablet, oral ingestion tablet [J01EC02or]  
 Sulfamethoxazole 100 mg + trimethoprim 20 mg per tablet (co-trimoxazole), oral ingestion tablet [J01EE01] → **EML!**

Sulfamethoxazole 200 mg + trimethoprim 40 mg/5 ml (co-trimoxazole), in 50 ml bottle, oral ingestion suspension [J01EE01or] → **EML!**

Sulfamethoxazole 400 mg + trimethoprim 80 mg/5 ml (co-trimoxazole), in 50 ml bottle, oral ingestion suspension [J01EE01or]

Sulfamethoxazole 400 mg + trimethoprim 80 mg per tablet (co-trimoxazole), oral ingestion tablet [J01EE01or] → **EML!**

Sulfamethoxazole 800 mg + trimethoprim 160 mg per tablet (co-trimoxazole), oral ingestion tablet [J01EE01or]

Sulfasalazine 500 mg per tablet, oral ingestion tablet [A07EC01or]

Sulfasalazine 500 mg per tablet, oral ingestion tablet [M01CX02or] → **EML!**

Sulfolax 7.5 mg/ml, in 15 ml bottle, oral drop [A06AA51]

Sulfur 10% topical soap [D10AB02]

Sulfur 2% + salicylic acid 1% topical ointment [D10AB02] → **EML!**

Sulfur sublime in 15 g [V99AB00] → **See: Dispensary List**

Suxamethonium 50 mg/ml, in 2 ml ampoule, injection solution [M03AB01inj] → **EML!**

**T**

Tacrolimus 500 mcg per capsule, oral ingestion capsule [D11AH01or]

Talc powder [V99AB00] → **See: Dispensary List**

Tamoxifen 10 mg per tablet, oral ingestion tablet [L02BA01or]

Tamoxifen 20 mg per tablet, oral ingestion tablet [L02BA01or]

Tamsulosin 0.4 mg per capsule, oral ingestion capsule [G04CA02or]

Tannic acid [V99AB00] → **See: Dispensary List**

Tartaric acid powder [V99AB00] → **See: Dispensary List**

Telmisartan 40 mg per tablet, oral ingestion tablet [C09CA07or]

Telmisartan 80 mg per tablet, oral ingestion tablet [C09CA07or]

Temazepam 15 mg per capsule, oral ingestion capsule [N05CD07or]

Temazepam 30 mg per capsule, oral ingestion capsule [N05CD07or]

Tenofovir (TDF) 300 mg per tablet, oral ingestion tablet [J05AF07or] → **See: National HIV/AIDS Program List**

Tenoxicam 20 mg per ampoule, oral [M01AC02or]

Tenoxicam 20 mg per tablet, oral ingestion tablet [M01AC02or]

Terazosin 1 mg per tablet, oral ingestion tablet [G04CA03or]

Terazosin 2 mg per tablet, oral ingestion tablet [G04CA03or]

Terbinafine 1% in 10 g, vaginal gel [G01AX21vg]

Terbinafine 1% in 30 g tube, topical cream [D01AE15] → **EML!**

Terbinafine 125 mg per tablet, oral ingestion tablet [D01BA02or] → **EML!**

Terbinafine 250 mg per tablet, oral ingestion tablet [D01BA02or] → **EML!**

Terbutaline 0.5 mg/ml, in 2 ml ampoule, injection solution [R03CC03inj]

Terbutaline 1.5 mg/5 ml, oral syrup [R03CC03or]

Terbutaline 2.5 mg per tablet, oral ingestion tablet [R03CC03or]

Terbutaline 5 mg per tablet, oral ingestion tablet [R03CC03or]

Testosterone enantate 250 mg/ml, in 1 ml ampoule, injection solution [G03BA03inj]

Tetanus immune globulin 500 IU per vial, in single vial, injection vial [J06BB02inj]

Tetanus toxoid vaccine 20 doses per vial, injection vial [J07AM01inj] → **EML!**

Tetracaine 0.5% in 15 ml bottle, ophthalmic drop [S01HA03] → **EML!**

Tetracycline 1% in 5 g, ophthalmic ointment [S01AA09] → **EML!**

Tetracycline 3% in 15 g tube, topical ointment [D06AA04]

Theophylline 100 mg per tablet, oral ingestion tablet [R03DA04or]  
Theophylline 150 mg + guaifenesin 90 mg/5 ml, in 100 ml bottle, oral syrup [R03DA54or]  
Theophylline 200 mg per tablet, oral ingestion tablet [R03DA04or]  
Theophylline 300 mg per tablet, oral ingestion tablet [R03DA04or]  
Thiamazole 5 mg per tablet, oral ingestion tablet [H03BB02or]  
Thiamine (vit B1) 100 mg per tablet, oral ingestion tablet [A11DA01or]  
Thiamine (vit B1) 300 mg per tablet, oral ingestion tablet [A11DA01or]  
Thiopental sodium 1 g per vial, injection powder [N01AF03inj] → **EML!**  
Thiopental sodium 500 mg per vial, injection powder [N01AF03inj] → **EML!**  
Thioridazine 25 mg per tablet, oral ingestion tablet [N05AC02or]  
Thioridazine 100 mg per tablet, oral ingestion tablet [N05AC02or]  
Thioridazine 10 mg per tablet, oral ingestion tablet [N05AC02or]  
Tiabendazole 500 mg per tablet, oral chewable tablet [P02CA02or]  
Timolol 0.25% in 5 ml bottle, ophthalmic drop [S01ED01] → **EML!**  
Timolol 0.5% in 5 ml bottle, ophthalmic drop [S01ED01] → **EML!**  
Timolol 10 mg per tablet, oral ingestion tablet [C07AA06or]  
Tinidazole 500 mg per tablet, oral ingestion tablet [P01AB02or]  
Tizanidine 2 mg per tablet, oral ingestion tablet [M03BX02or]  
Tizanidine 4 mg per tablet, oral ingestion tablet [M03BX02or]  
Tobramycin 0.3% in 5 ml bottle, ophthalmic drop [S01AA12]  
Tocopherol (vit E) 100 mg per tablet, oral ingestion tablet [A11HA03or]  
Tocopherol (vit E) 400 mg per tablet, oral ingestion tablet [A11HA03or]  
Tolbutamide 250 mg per tablet, oral ingestion tablet [A10BB03or]  
Tolnaftate 1% topical cream [D01AE18] → **EML!**  
Tolperisone 100 mg per tablet, oral ingestion tablet [M03BX04or]  
Tolperisone 50 mg per tablet, oral ingestion tablet [M03BX04or]  
Tolterodine 2 mg per capsule, oral ingestion capsule [G04BD07or]  
Torasemide 10 mg per tablet, oral ingestion tablet [C03CA04or]  
Torasemide 5 mg per tablet, oral ingestion tablet [C03CA04or]  
Tragacanth [V99AB00] → See: **Dispensary List**  
Tramadol 100 mg per capsule or tablet, oral ingestion capsule or tablet [N02AX02or] → **EML!**  
Tramadol 50 mg per capsule, oral ingestion capsule [N02AX02or] → **EML!**  
Tramadol 50 mg/ml, in 2 ml, injection solution [N02AX02inj] → **EML!**  
Tranexamic acid 100 mg/ml, in 10 ml ampoule, injection solution [B02AA02inj]  
Tranexamic acid 100 mg/ml, in 5 ml ampoule, injection solution [B02AA02inj]  
Tranexamic acid 250 mg per capsule, oral ingestion capsule [B02AA02or]  
Tretinoin 0.05% in 15 g tube, topical cream [D10AD01]  
Tretinoin 0.05% topical lotion [D10AD01]  
Tricresol-formalin [V99AA00] → See: **Dental List**  
Triamcinolone 0.1% in 15 g tube, topical ointment [S01BA05]  
Triamcinolone 0.1% + neomycin 0.25 IU + nystatin 100,000 IU in 15 g tube, topical ointment [D07CB01]  
Triamcinolone 1% in 15 g tube, topical ointment [D07AB09]  
Triamcinolone 40 mg/ml, in 1 ml ampoule, injection solution [H02AB08inj]  
Triamcinolone 4 mg per tablet, oral ingestion tablet [H02AB08or]  
Triamterene 50 mg + hydrochlorothiazide 24 mg per tablet, oral ingestion tablet [C03EA01]  
Trihexyphenidyl 2 mg per tablet, oral ingestion tablet [N04AA01or] → **EML!**  
Trimipramine 100 mg per tablet, oral ingestion tablet [N06AA06or]  
Trimipramine 25 mg per tablet, oral ingestion tablet [N06AA06or]

Triprolidine 1.25 mg/5 ml, in 60 ml bottle, oral ingestion syrup [R06AX07or]  
 Triprolidine 1.25 mg + pseudoephedrine 30 mg + dextromethorphan 10 mg/5 ml, in 60 ml, oral ingestion suspension [R06AX07]  
 Triprolidine 1.25 mg + pseudoephedrine 30 mg + dextromethorphan 10 mg per tablet, oral ingestion tablet [R06AX07or]  
 Triprolidine 1.5 mg + pseudoephedrine 36 mg + paracetamol 300 mg per tablet, oral tablet [R06AX07or]  
 Trisodium citrate dihydrate [V99AB00] → See: Dispensary List  
 Tropicamide 0.5% in 15 ml bottle, ophthalmic drop [S01FA06] → EML!  
 Tropicamide 1% in 3 ml bottle, ophthalmic drop [S01FA06] → EML!  
 Tuberculin purified protein derivative 100 IU/ml, injection solvent [V04CF01] → EML!  
 Tuberculin purified protein derivative 10 IU/ml, injection solvent [V04CF01] → EML!  
 Tuberculosis vaccine (BCG) with diluent 20 dose per vial, injection vial [J07AN01inj] → EML!  
 Tulobuterol 1 mg/5 ml, in 60 ml bottle, oral syrup [R03CC11or]  
 Tulobuterol 1 mg/ml, injection solution [R03CC11inj]  
 Tulobuterol 2 mg per tablet, oral ingestion tablet [R03CC11or]  
 Turpentine oil (oleum terebinthinae) [V99AB00] → See: Dispensary List  
 Typhoid vaccine (Vi capsular polysaccharide antigen) 25 mcg/ml, in 5 ml, injection vial [J07AP03inj]

## U

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Urea powder [V99AB00] → See: Dispensary List  
 Urokinase 0.25 MU/ml, injection vial [B01AD04inj]  
 Urokinase 0.5 MU/ml, injection vial [B01AD04inj]  
 Urokinase 0.75 MU/ml, injection vial [B01AD04inj]  
 Ursodeoxycholic acid 250 mg per capsule, oral ingestion capsule [A05AA02or]

## V

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Valproic acid (sodium valproate) 200 mg per tablet, oral ingestion tablet [N03AG01or] → EML!  
 Valproic acid (sodium valproate) 250 mg/5 ml, in 120 ml bottle, oral syrup [N03AG01or]  
 Valproic acid (sodium valproate) 250 mg per tablet, oral ingestion tablet [N03AG01or]  
 Valproic acid (sodium valproate) 500 mg per tablet, oral ingestion tablet [N03AG01or] → EML!  
 Valsartan 40 mg per tablet, oral ingestion tablet [C09CA03or]  
 Valsartan 80 mg per tablet, oral ingestion tablet [C09CA03or]  
 Vancomycin 1 g per vial, injection powder [J01XA01inj]  
 Vancomycin 500 mg per vial, injection powder [J01XA01inj]  
 Vardenafil 5 mg per tablet, oral ingestion tablet [G04BE09or]  
 Vaseline [V99AB00] → EML! → See: Dispensary List  
 Vasopressin (antidiuretic hormone, ADH) 20 IU/ml, in 1 ml ampoule, injection solution [H01BA01inj]  
 Vecuronium bromide 10 mg/ml, in 10 ml vial, injection vial [M03AC03inj]  
 Venlafaxine 150 mg per tablet, oral ingestion tablet [N06AX16or]  
 Venlafaxine 37.5 mg per tablet, oral ingestion tablet [N06AX16or]  
 Venlafaxine 75 mg per tablet, oral ingestion tablet [N06AX16or]  
 Verapamil 2.5 mg/ml, in 2 ml ampoule, injection solution [C08DA01inj] → EML!  
 Verapamil 240 mg per tablet, oral ingestion tablet [C08DA01or]  
 Verapamil 40 mg per tablet, oral ingestion tablet [C08DA01or] → EML!  
 Verapamil 80 mg per tablet, oral ingestion tablet [C08DA01or] → EML!  
 Vinblastine 10 mg per ampoule, injection solution [L01CA01inj]  
 Vinblastine 5 mg per ampoule, injection solution [L01CA01inj]  
 Vincristine 1 mg/ml, in 1 ml vial, injection powder [L01CA02inj]

Vinpocetin 5 mg per tablet, oral ingestion tablet [N06BX18or]  
 Vit B1 100 mg + vit B6 100 mg + vit B12 1,000 mcg/3 ml, injection solution [A11DB00or]  
 Vit B1 in combination with vit B6, vit B12, or both [A11DB00]  
 Vit B-complex with anabolic steroids [A11ED00]  
 Vit B-complex with minerals [A11EC00]  
 Vit B-complex with vitamin C [A11EB00]  
 Vit B-complex, other combinations [A11EX00]  
 Vit B-complex, plain [A11EA00]

**W**


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Warfarin 1 mg per tablet, oral ingestion tablet [B01AA03or]  
 Warfarin 2 mg per tablet, oral ingestion tablet [B01AA03or]  
 Warfarin 5 mg per tablet, oral ingestion tablet [B01AA03or]  
 Water for injection, in 10 ml ampoule, injection solution [V07AB01inj] → **EML!**  
 Water for injection, in 5 ml ampoule, injection solution [V07AB01inj] → **EML!**  
 Wool fat [V99AB00] → See: *Dispensary List*

**X**


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Xantinol nicotinate 150 mg per tablet, oral ingestion tablet [C04AD02or]  
 Xylometazoline 0.05% in 10 ml bottle, nasal drop [R01AA07ns]  
 Xylometazoline 0.1% in 10 ml bottle, nasal drop [R01AA07ns]

**Z**


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Zidovudine (AZT) 100 mg per capsule, oral ingestion capsule [J05AF01or] → **EML!** → See: *National HIV/AIDS Program List*  
 Zidovudine (AZT) 10 mg/ml, in 20 ml vial, injection solution [J05AF01inj] → See: *National HIV/AIDS Program List*  
 Zidovudine (AZT) 250 mg per capsule or tablet, oral ingestion capsule or tablet [J05AF01or] → **EML!** → See: *National HIV/AIDS Program List*  
 Zidovudine (AZT) 300 mg per tablet, oral ingestion tablet [J05AF01or] → **EML!** → See: *National HIV/AIDS Program List*  
 Zidovudine (AZT) 50 mg/5 ml, oral ingestion suspension [J05AF01or] → **EML!** → See: *National HIV/AIDS Program List*  
 Zinc acetate powder [A16AX05or] → See: *Dispensary List*  
 Zinc oxide [V99AA00] → See: *Dental List*  
 Zinc oxide 10% in 20 g tube, topical ointment [D02AB01] → **EML!**  
 Zinc oxide 20% in 20 g tube, topical cream [D02AB01] → **EML!**  
 Zinc oxide powder [D02AB01] → See: *Dispensary List*  
 Zinc sulfate 10 mg per tablet, oral ingestion tablet, blister pack of 10 [A12CB01or] → **EML!**  
 Zinc sulfate 20 mg per tablet, oral ingestion tablet, blister pack of 10 [A12CB01or] → **EML!**  
 Zinc sulfate 4 mg/ml, in 60 ml bottle, oral ingestion suspension [A12CB01or]  
 Zinc sulfate powder [A12CB01or] → See: *Dispensary List*  
 Zinc undecenoate [V99AB00] → See: *Dispensary List*

## Controlled Substances List

Items on this list, including narcotic and psychotic drugs, can be imported, manufactured, and used as per Narcotics Medicines Laws, recommendations of Drug Demand Reduction Committee, and International Narcotics Control Board. These items should be used in public health facilities as per BPHS/EPHS recommendations.

Items on controlled substances list—the National Drug Demand Reduction Program List—can be used by only by the public sector, while other items can be imported, manufactured, and used by the private sector under the proposed conditions of Drug Demand Reduction Committee.

Alprazolam 0.25 mg per tablet, oral ingestion tablet [N05BA12or]  
Alprazolam 0.5 mg per tablet, oral ingestion tablet [N05BA12or]  
Alprazolam 1 mg per tablet, oral ingestion tablet [N05BA12or]  
Bromazepam 3 mg per tablet, oral ingestion tablet [N05BA08or]  
Buprenorphine 2 mg per tablet, oral ingestion tablet [N07BC01sbln]  
Buprenorphine 8 mg per tablet, oral ingestion tablet [N07BC01sbln]  
Chlordiazepoxide 5 mg per tablet, oral ingestion tablet [N05BA02or]  
Chlordiazepoxide 10 mg per tablet, oral ingestion tablet [N05BA02or]  
Clonazepam 2 mg per tablet, oral ingestion tablet [N03AE01or]  
Clonazepam 1 mg per tablet, oral ingestion tablet [N03AE01or]  
Clorazepate dipotassium 5 mg per capsule, oral ingestion capsule [N05BA05or]  
Codeine phosphate 15 mg/5 ml, in 60 ml, oral syrup [R05DA04or]  
Codeine phosphate 30 mg per tablet, oral ingestion tablet [R05DA04or]  
Diazepam 10 mg per tablet, oral ingestion tablet [N05BA01or]  
Diazepam 2 mg per tablet, oral ingestion tablet [N05BA01or]  
Diazepam 5 mg/2 ml, injection solution [N05BA01inj]  
Diazepam 5 mg per tablet, oral ingestion tablet [N05BA01or]  
Estazolam 1 mg per tablet, oral ingestion tablet [N05CD04or]  
Estazolam 2 mg per tablet, oral ingestion tablet [N05CD04or]  
Fentanyl 0.05 mg/ml, in 2 ml ampoule, injection solution [N02AB03inj]  
Lorazepam 1 mg per tablet, oral ingestion tablet [N05BA06or]  
Lorazepam 2 mg per tablet, oral ingestion tablet [N05BA06or]  
Lormetazepam 1 mg per tablet, oral ingestion tablet [N05CD06or]  
Methadone 10 mg/ml, in 1 ml ampoule, injection solution [N07BC02inj]  
Methadone 10 mg/ml, oral solution [N07BC02or]  
Methadone 10 mg per tablet, oral ingestion tablet [N07BC02or]  
Methadone 5 mg/ml, oral solution [N07BC02or]  
Methadone 5 mg per tablet, oral ingestion tablet [N07BC02or]  
Midazolam 1 mg/ml, in 2 ml ampoule, injection solution [N05CD08inj]  
Morphine hydrochloride 10 mg/ml, in 1 ml ampoule, injection solution [N02AA01inj]  
Morphine sulfate 10 mg/ml, in 1 ml ampoule, injection solution [N02AA01inj]  
Nalbuphine 10 mg/ml, in 1 ml, injection solution [N02AF02inj]  
Nalbuphine 20 mg/ml, in 1 ml, injection solution [N02AF02inj]  
Nitrazepam 5 mg per tablet, oral ingestion tablet [N05CD02or]  
Opium tincture 10% oral solution [N07BC10]  
Oxazepam 10 mg per tablet, oral ingestion tablet [N05BA04or]  
Oxazepam 15 mg per tablet, oral ingestion tablet [N05BA04or]  
Pentazocin 30 mg/ml, in 1 ml, injection solution [N02AD01inj]  
Pethidine 100 mg per tablet, oral ingestion tablet [N02AB02or]  
Pethidine 50 mg/ml, injection ampoule [N02AB02inj]  
Pethidine 50 mg per tablet, oral ingestion tablet [N02AB02or]  
Phenobarbital 100 mg/ml, in 2 ml, injection solution [N03AA02inj]

Phenobarbital 15 mg/5 ml, in 100 ml bottle, oral solution [N03AA02or]  
Phenobarbital 100 mg per tablet, oral ingestion tablet [N03AA02or]  
Phenobarbital 15 mg per tablet, oral ingestion tablet [N03AA02or]  
Phenobarbital 25 mg per tablet, oral ingestion tablet [N03AA02or]  
Phenobarbital 30 mg per tablet, oral ingestion tablet [N03AA02or]  
Phenobarbital 50 mg/ml, in 2 ml, injection solution [N03AA02inj]  
Phenobarbital 50 mg per tablet, oral ingestion tablet [N03AA02or]  
Phenobarbital sodium 200 mg/ml, injection solution [N03AA02inj]  
Primidone 250 mg/5 ml, oral syrup [N03AA03or]  
Primidone 250 mg per tablet, oral ingestion tablet [N03AA03or]  
Temazepam 15 mg per capsule, oral ingestion capsule [N05CD07or]  
Temazepam 30 mg per capsule, oral ingestion capsule [N05CD07or]  
Tramadol 100 mg per capsule or tablet, oral ingestion capsule or tablet [N02AX02or]  
Tramadol 50 mg per capsule, oral ingestion capsule [N02AX02or]  
Tramadol 50 mg/ml, in 2 ml, injection solution [N02AX02inj]

## Over-the-Counter Medicines List

Acetylsalicylic acid (aspirin) 100 mg per tablet, oral ingestion tablet  
Acetylsalicylic acid (aspirin) 300 mg per tablet, oral ingestion tablet  
Acetylsalicylic acid (aspirin) 325 mg per tablet, oral ingestion tablet  
Acetylsalicylic acid (aspirin) 500 mg per tablet, oral ingestion tablet  
Acetylsalicylic acid (aspirin) 75 mg per tablet, oral ingestion tablet  
Activated charcoal 1 g per tablet, oral ingestion tablet  
Activated charcoal 500 mg per tablet, oral ingestion tablet  
Aluminium hydroxide 200 mg + magnesium hydroxide 200 mg per tablet, oral chewable tablet  
Aluminium hydroxide 200 mg + magnesium hydroxide 200 mg + simethicone 25 mg per tablet,  
oral chewable tablet  
Aluminium hydroxide 225 mg + magnesium hydroxide 200 mg/5 ml, in 200 ml bottle, oral ingestion suspension  
Aluminium hydroxide 225 mg + magnesium hydroxide 200 mg + simethicone 25 mg/5 ml,  
oral ingestion suspension  
Aluminium hydroxide 300 mg per tablet, oral chewable tablet  
Aluminium hydroxide 320 mg/5 ml, in 200 ml bottle, oral ingestion suspension  
Aluminium hydroxide 500 mg per tablet, oral chewable tablet  
Benzalkonium chloride 1% in 30 ml bottle, topical solution  
Calamine (ZnO + Fe<sub>2</sub>O<sub>3</sub>) 8% in 30 g tube, topical cream  
Calamine (ZnO + Fe<sub>2</sub>O<sub>3</sub>) 8% in 60 ml bottle, topical lotion  
Calcium carbonate 1.25 g per tablet, oral ingestion tablet  
Calcium carbonate 500 mg per tablet, oral effervescent tablet  
Calcium phosphate 210 mg + vit D 350 IU/5 ml, in 110 ml, oral syrup  
Chlorhexidine digluconate 5% topical solution  
Chlorphenamine maleate 4 mg per tablet, oral ingestion tablet  
Cod liver oil 50 g + zinc oxide 30 g topical ointment  
Condom with and without nonoxinol 1 pce per piece, topical  
Diclofenac 1% in 20 g tube, topical gel  
Diclofenac 2% in 20 g tube, topical cream  
Dimenhydrinate 50 mg per tablet, oral ingestion tablet  
Hydrogen peroxide + silver (Sanosil D1) 1% topical solution  
Hydrogen peroxide + silver (Sanosil D6) 6% topical solution  
Hydrogen peroxide + silver (Sanosil D7) 7% topical solution  
Ibuprofen 10% in 30 g tube, topical ointment  
Ibuprofen 100 mg/5 ml, in 60 ml, oral syrup  
Ibuprofen 200 mg per tablet, oral ingestion tablet  
Ibuprofen 400 mg per tablet, oral ingestion tablet  
Ichthyol 10% in 20 g tube, topical ointment  
Lactulose 3.33 g/5 ml, in 150 ml bottle, oral ingestion syrup  
Methylrosaniline (gentian violet) 0.5% in 10 ml bottle, topical solution  
Methylrosaniline (gentian violet) 1% in 10 ml bottle, topical solution  
Methylrosaniline (gentian violet) 25 g per bottle, topical crystals  
Methyl salicylate 1% in 50 g tube, topical ointment  
Methyl salicylate 30% in 30 g tube, topical ointment  
Minoxidil 2% in 15 g tube, topical cream  
Minoxidil 2% in 60 g bottle, topical lotion  
Multivitamins and calcium  
Multivitamins and iron  
Multivitamins and other minerals, including combinations  
Multivitamins and trace elements  
Multivitamins, other combinations  
Multivitamins, plain

Oral rehydration salts (ORS) 20.5 g/L, in 1 L sachet, oral powder  
Oral rehydration salts (ORS ) 27.9 g/L, in 1 L sachet, oral powder  
Paracetamol (acetaminophen) 100 mg/ml, in 15 ml bottle, oral ingestion drop  
Paracetamol (acetaminophen) 100 mg per tablet, oral ingestion tablet  
Paracetamol (acetaminophen) 120 mg/5 ml, in 60 ml bottle, oral syrup  
Paracetamol (acetaminophen) 125 mg per suppository, rectal suppository  
Paracetamol (acetaminophen) 250 mg/5 ml, in 60 ml bottle, oral syrup  
Paracetamol (acetaminophen) 325 mg per tablet, oral ingestion tablet  
Paracetamol (acetaminophen) 500 mg per tablet, oral ingestion tablet  
Paracetamol 325 mg + caffeine 30 mg + chlorphenamine 4 mg per tablet, oral ingestion tablet [N02CX52]  
Paracetamol 325 mg + caffeine 30 mg + phenylpropanolamine 4 mg per tablet, oral ingestion tablet  
Paracetamol 500 mg + caffeine 65 mg per tablet, oral ingestion tablet  
Paraffin liquid, in 10 ml bottle, oral ingestion liquid  
Piroxicam 0.5% in 50 g tube, topical gel  
Potassium permanganate 0.01% topical solution  
Povidone iodine 1% in 100 ml bottle, topical solution  
Povidone iodine 10% topical solution  
Selenium sulfide 1% in 30 ml bottle, topical solution  
Selenium sulfide 1% topical shampoo  
Selenium sulfide 2.5% in 30 ml bottle, topical lotion  
Selenium sulfide 2.5% topical shampoo  
Sodium chloride 0.65% in 10 ml, nasal drop  
Sulfur 10% topical soap  
Tetracycline 1% in 5 g, ophthalmic ointment  
Vit B1 in combination with vit B6 and/or vit B12  
Vit B-complex with anabolic steroids  
Vit B-complex with minerals  
Vit B-complex with vit C  
Vit B-complex, other combinations  
Vit B-complex, plain  
Zinc oxide 10% in 20 g tube, topical ointment  
Zinc oxide 20% in 20 g tube, topical cream

## Dental Items List

Items on the dental list can be imported and used by the private and public sector. In public sector health facilities, they should be used as per specifications in the BPHS and EPHS.

Adrenalin 0.00125% + lidocaine dental 1% injection solution [N01BB52] → **EML!**

Adrenalin 0.00125% + lidocaine dental 2% injection solution [N01BB52] → **EML!**

Alginate

Arsenic paste

Arsenic paste + ephedrine + lidocaine

Benzydamine 0.15% in 100 ml bottle, oral topical solution

Calcium hydroxide

Calcium hydroxide + iodoform

Camphor + chlorphenol + menthol

Cement, glass ionomer

Cement, phosphate + liquid

Cement, silicate + liquid

Cetylpyridinium 0.15% + lidocaine 2% in 10 g tube, oral topical gel

Cetylpyridinium 0.15% + lidocaine 2% oral topical solution

Chlorhexidine 0.15% + sodium fluoride 0.5% in 50 ml bottle, oral topical solution

Chlorphenol + menthol

Composite bonding agent

Creosote + lidocaine + paraformaldehyde

Cresophen

Dental amalgam

Dental composite, light cure

Dental composite, self cure

Dental etchant

Denture base, heat cure + liquid

Denture base, self cure + liquid

Eugenol

Eugenol + zinc oxide

Formacresol

Gutta-percha point

Hydrogen peroxide 6% in 60 ml bottle, topical solution

Lidocaine 2% in 25 g tube, oral topical cream

Mercury

Nystatin 100,000 IU/ml, in 30 ml, oral topical suspension

Nystatin 200,000 IU/ml, oral topical suspension

Povidon iodine 1% in 100 ml bottle, topical solution

Pulpery solution

Sodium fluoride 0.5% in 50 ml bottle, oral topical solution

Sodium fluoride 0.5% in 60 g tube, oral topical gel

Sodium fluoride 1 mg per tablet, oral ingestion tablet

Sodium hypochlorite (chlorine) 0.5% root canal topical solution

Tricresol-formalin

Zinc oxide

## Dispensary List

Items on the dispensary list can be imported and used by the private and public sector. In public sector health facilities, they should be used as per specifications in the BPHS and EPHS.

|                                   |   |
|-----------------------------------|---|
| Acetic acid liquid                | Methylene blue (methylthioninium) powder    |
| Aceton liquid                     | Methylsalicylate powder                     |
| Activated charcoal powder         | Oilgominol liquid                           |
| Almond oil liquid                 | Olive oil liquid                            |
| Argyrol powder                    | Paraffin liquid 6% + paraffin wax, soft 15% |
| Ascorbic acid (vit C) powder      | Paraffin, hard                              |
| Bees wax                          | Paraffin, yellow                            |
| Benzoic acid powder               | Pectin                                      |
| Benzyl benzoate powder            | Peppermint oil                              |
| Bismuth subnitrate powder         | Phenol powder                               |
| Boric acid powder                 | Potassium chloride                          |
| Calamine (ZnO + Fe2O3) powder     | Potassium iodide powder                     |
| Camphor powder                    | Potassium permanganate powder               |
| Castor oil liquid                 | Precipitated sulfur powder                  |
| Coal tar                          | Propylene glycol liquid                     |
| Copper sulfate powder             | Resorcin powder                             |
| Cresol                            | Salicylic acid powder                       |
| Crystal violet powder             | Silver nitrate powder                       |
| Emulsifying wax                   | Sodium bicarbonate powder                   |
| Ephedrine liquid                  | Sodium chloride powder                      |
| Ethacridine lactate powder        | Sodium citrate                              |
| Ethanol 96% liquid                | Sodium hyposulfite powder                   |
| Ether (diethylether) liquid       | Starch powder                               |
| Eucerin powder                    | Stearic acid powder                         |
| Formaldehyde                      | Sulfur sublime                              |
| Glycerin liquid                   | Talc powder                                 |
| Hexylresorcinol                   | Tannic acid                                 |
| Hydrogen peroxide pure 30% liquid | Tartaric acid powder                        |
| Hydroquinone powder               | Tragacanth                                  |
| Ichthyol liquid                   | Trisodium citrate dihydrate                 |
| Iodine powder                     | Turpentine oil (oleum terebinthinae)        |
| Isopropyl alcohol liquid          | Urea powder                                 |
| Kaolin                            | Vaseline                                    |
| Lanolin (wool wax)                | Wool fat                                    |
| Linoleic acid                     | Zinc acetate powder                         |
| Magnesium sulfate                 | Zinc oxide powder                           |
| Menthol powder                    | Zinc sulfate powder                         |
| Methanol liquid                   | Zinc undecenoate                            |
| Methylated spirits                |   |

## Orphan Medicines List

Items on the Orphan Medicines List are only used in rare cases and in small quantities such that importers are not interested in importing those medicines. So, National Medicines Regulatory Authority should propose conditions and facilities for their procurement.

Albumin (human) 20% in 500 ml bottle, injection solution [B05AA01]

Albumin (human) 5% in 500 ml bottle, injection solution [B05AA01]

Amphotericin-B 50 mg per vial, injection vial [J02AA01inj]

Amyl nitrite inhalation ampoule [V03AB22]

Aprotinin 10 MU/ml, in 200 ml vial, injection vial [B02AB01inj]

Botulinum antitoxin polyvalent (A+B+E) injection solution [J06AA04]

Calcium disodium edetate 200 mg per milliliter in 5 ml, injection solution [V03AB03]

Calcium folinate 15 mg per tablet, oral ingestion tablet [V03AF03or]

Clofazimine (CLO) 100 mg per capsule, oral ingestion capsule [J04BA01or] → **EML!** → See: **National Leprosy Program List**

Clofazimine (CLO) 50 mg per capsule, oral ingestion capsule [J04BA01or] → **EML!** → See: **National Leprosy Program List**

Coagulation factor II, VII, IX, X per ampoule, injection solution [B02BD01inj] → **EML!**

Coagulation factor II, VII, X per ampoule, injection solution [B02BD10inj]

Coagulation factor VII recombinant activated coagulation factor VII 1.2 mg/ml injection solution [B02BD01inj]

Coagulation factor IX per ampoule, injection solution [B02BD04inj]

Dantrolene 20 mg per vial, injection vial [M03CA01or]

Dantrolene 25 mg per capsule, oral ingestion capsule [M03CA01or]

Dapsone (DDS) 100 mg per tablet, oral ingestion tablet [J04BA02or] → **EML!** → See: **National Leprosy Program List**

Dapsone (DDS) 50 mg per tablet, oral ingestion tablet [J04BA02or] → **EML!** → See: **National Leprosy Program List**

Deferoxamine mesylate 500 mg per vial, injection powder [V03AC01] → **EML!**

Digoxin 0.1 mg per milliliter, injection solution [C01AA05inj]

Digoxin 0.25 mg per milliliter, in 2ml ampoule, injection solution [C01AA05inj] → **EML!**

Dimercaprol (BAL) 100 mg per milliliter, in 3 ml ampoule, injection solution [V03AB09] → **EML!**

Diphtheria antitoxin 10,000 IU per vial, injection vial [J06AA01] → **EML!**

Diphtheria antitoxin 20,000 IU per vial, injection vial [J06AA01] → **EML!**

Erythropoietin alfa 2,000 IU/ml, injection solution [B03XA01inj]

Erythropoietin alfa 4,000 IU/ml, injection solution [B03XA01inj]

Fomepizole 1 g per milliliter, in 1.5ml , injection solution [V03AB34]

Glucagon 1 mg per milliliter, in 1 ml vial, injection solution [H04AA01inj]

Idarubicin 1 mg per milliliter, in 10 ml vial, injection powder [L01DB06]

Influenza vaccine 1 dose per vial, injection vial [J07BB01]

Ipecacuanha 0.14% in 30 ml bottle, oral syrup [V03AB01]

Meningococcal Vaccine (A, C, Y, W-135 tetravalent purified polysaccharides antigen) per vial, injection vial [J07AH01]

Methionine-dl 250 mg per tablet, oral ingestion tablet [V03AB26]

Nitroprusside sodium 50 mg per vial, injection powder [C02DD01inj]

Para-aminosalicylic acid (PAS) 4 g per sachet, oral ingestion granules [J04AA01or] → **EML!** → See: **National Tuberculosis Program List**

Pilocarpine 2% in 15 ml bottle, ophthalmic drop [S01EB01] → **EML!**

Pilocarpine 4% in 15 ml bottle, ophthalmic drop [S01EB01] → **EML!w**

Pralidoxime 500 mg per milliliter, injection solution [V03AB04inj] → **EML!**

Protamine sulfate 10 mg per milliliter, in 5 ml ampoule, injection solution [V03AB14] → **EML!**

Rabies antitoxin 150 mg per milliliter, in 1 ml , injection vial [J06AA06] → **EML!**

Rabies vaccine 1 dose per vial, injection vial [J07BG01]

Reteplase 10 IU per vial, injection vial [B01AD07inj]

Verapamil 2.5 mg per milliliter, in 2 ml ampoule, injection solution [C08DA01inj]

## Special Programs Lists

### National Family Planning Program List

Items on the National Family Planning Program list can be imported and used by the private and public sector. In public sector health facilities, they should be used as per specifications in the BPHS and EPHS.

Condom with and without nonoxinol 1 pce per piece, topical  
Ethinylestradiol 0.035 mg + norethisterone 1 mg per tablet, oral ingestion tablet  
Ethinylestradiol 0.03 mg + norgestrel 0.3 mg per tablet, oral ingestion tablet  
Intrauterine device with copper 1 pce per piece, vaginal intrauterine device  
Medroxyprogesterone acetate depot 150 mg/ml, in 1 ml vial, injection solution  
Norgestrel 0.075 mg per tablet, oral ingestion tablet

### National Postpartum Hemorrhage Program List

Items on the National Postpartum Hemorrhage Program List can be imported and used only with explicit written approval and under supervision of the MoPH National Postpartum Hemorrhage Program, under Reproductive Health Directorate. The items included in this list are not for general or commercial use in the private sector.

Misoprostol 200 mcg per tablet, oral ingestion tablet  
Misoprostol 25 mcg per tablet, vaginal tablet

## National HIV/AIDS Program and National Drug Demand Reduction Program Lists

Items on the National HIV/AIDS Program list can be imported and used by the private and public sector. They should only be dispensed on prescription. Items on the drug demand reduction program can be imported, manufactured and used as per Narcotics Medicines Laws, recommendations of Drug Demand Reduction Committee, International Narcotics Control Board, and BPHS/EPHS specifications. These medicines are not for public use by private sector.

### National HIV/AIDS Program Medicines

Abacavir (ABC) 300 mg per tablet, oral ingestion tablet  
Atazanavir 300 mg + ritonavir 100 mg (ATV/RTV) per tablet, oral ingestion tablet  
Efavirenz (EFV) 100 mg per capsule, oral ingestion capsule  
Efavirenz (EFV) 150 mg/5 ml, oral liquid  
Efavirenz (EFV) 200 mg per capsule, oral ingestion capsule  
Efavirenz (EFV) 50 mg per capsule, oral ingestion capsule  
Efavirenz (EFV) 600 mg per tablet, oral ingestion tablet  
Efavirenz 600 mg + emtricitabine 200 mg + tenofovir 300 mg (EFV/FTC/TDF) per tablet, oral ingestion tablet  
Emtricitabine (FTC) 200 mg per capsule, oral ingestion capsule  
Emtricitabine (FTC) 50 mg/5 ml, oral liquid  
Emtricitabine 200 mg + tenofovir 300 mg (FTC/TDF) per tablet, oral ingestion tablet  
Enfuvirtide 180 mg per tablet, oral ingestion tablet  
Entecavir 0.5 mg per tablet, oral ingestion tablet  
Etravirine 25 mg per tablet, oral ingestion tablet  
Indinavir (IDV) 200 mg per capsule, oral ingestion capsule  
Indinavir (IDV) 333 mg per capsule, oral ingestion capsule  
Indinavir (IDV) 400 mg per capsule, oral ingestion capsule  
Indinavir 800 mg + ritonavir 100 mg (IDV/r) per tablet, oral ingestion tablet  
Lamivudine (3TC) 100 mg per tablet, oral ingestion tablet  
Lamivudine (3TC) 150 mg per tablet, oral ingestion tablet  
Lamivudine (3TC) 300 mg per tablet, oral ingestion tablet  
Lamivudine (3TC) 50 mg/5 ml, oral ingestion suspension  
Lamivudine 150 mg + nevirapine 200 mg + zidovudine 300 mg (AZT/3TC/NVP) per tablet,  
oral ingestion tablet  
Lamivudine 150 mg + zidovudine 300 mg (AZT/3TC) per tablet, oral ingestion tablet  
Lopinavir 133.3 mg + ritonavir 33.3mg (LPV/r) per capsule, oral ingestion capsule  
Lopinavir 400 mg + ritonavir 100 mg (LPV/r)/5 ml, oral ingestion liquid  
Maraviroc 150 mg per tablet, oral ingestion tablet  
Maraviroc 300 mg per tablet, oral ingestion tablet  
Nelfinavir (NFV) 200 mg/5 ml, oral ingestion suspension  
Nelfinavir (NFV) 250 mg per tablet, oral ingestion tablet  
Nelfinavir (NFV) 50 mg per pack, oral powder  
Nelfinavir (NFV) 625 mg per tablet, oral ingestion tablet  
Nevirapine (NVP) 200 mg per tablet, oral ingestion tablet  
Nevirapine (NVP) 50 mg/5 ml, oral ingestion liquid  
Raltegravir 400 mg per tablet, oral ingestion tablet  
Ritonavir (RTV) 100 mg per tablet, oral ingestion tablet  
Ritonavir (RTV) 400 mg/5 ml, oral ingestion liquid  
Saquinavir (SQV) 200 mg per capsule, oral ingestion capsule  
Stavudine 30 mg + lamivudine 150 mg + nevirapine 200 mg (d4T/3TC/NVP) per tablet, oral ingestion tablet  
Tenofovir (TDF) 300 mg per tablet, oral ingestion tablet  
Zidovudine (AZT) 100 mg per capsule, oral ingestion capsule

Zidovudine (AZT) 10 mg/ml, in 20 ml vial, injection solution

Zidovudine (AZT) 250 mg per capsule or tablet, oral ingestion capsule or tablet

Zidovudine (AZT) 300 mg per tablet, oral ingestion tablet

Zidovudine (AZT) 50 mg/5 ml, oral ingestion suspension

### **National Drug Demand Reduction Program Medicines**

Buprenorphine 2 mg per tablet, oral ingestion tablet

Buprenorphine 8 mg per tablet, oral ingestion tablet

Methadone 10 mg/ml, in 1 ml ampoule, injection solution

Methadone 10 mg/ml, oral solution

Methadone 10 mg per tablet, oral ingestion tablet

Methadone 5 mg/ml, oral solution

Methadone 5 mg per tablet, oral ingestion tablet

Opium tincture 10% oral solution

## National Malaria and Leishmania Control Program List

Items on the National Malaria and Leishmania Control Program list can be imported and used by the private and public sector. In public sector health facilities, they should be used as per specifications in the BPHS and EPHS.

Artemether oily 20 mg/ml, injection solution  
Artemether oily 40 mg/ml, injection solution  
Artemether oily 80 mg/ml, injection solution  
Artesunate 100 mg + pyrimethamine 25 mg + sulfadoxine 500 mg per tablet (co-blister), oral ingestion tablet  
Artesunate 300 mg + pyrimethamine 50 mg + sulfadoxine 1,000 mg per tablet, oral ingestion tablet  
Artesunate 50 mg + pyrimethamine 25 mg + sulfadoxine 500 mg per tablet, oral ingestion tablet  
Artesunate 600 mg + pyrimethamine 75 mg + sulfadoxine 1,500 mg per tablet, oral ingestion tablet  
Chloroquine (base) 150 mg per tablet, oral ingestion tablet  
Chloroquine (base) 50 mg/5 ml, in 60 ml, oral syrup  
Meglumine antimonate 30% in 5 ml ampoule, injection solution  
Primaquine 15 mg per tablet, oral ingestion tablet  
Primaquine 7.5 mg per tablet, oral ingestion tablet  
Quinine dihydrochloride 300 mg/ml, in 2 ml ampoule, injection solution  
Quinine sulfate 300 mg per tablet, oral ingestion tablet  
Sodium stibogluconate 100 mg/ml, injection solution

## National Tuberculosis Program List

Items on the National Tuberculosis Program list can be imported and used by the private and public sector. In public sector health facilities, they should be used as per specifications in the BPHS and EPHS.

Capreomycin 1 g per vial, injection powder  
Cycloserine 250 mg per capsule, oral ingestion capsule  
Ethambutol (E) 275 mg + isoniazid 75 mg + pyrazinamide 400 mg + rifampicin 150 mg (RHZE) per tablet, oral tablet  
Ethambutol (EMB) 100 mg per tablet, oral ingestion tablet  
Ethambutol (EMB) 400 mg per tablet, oral ingestion tablet  
Ethambutol 400 mg + isoniazid 150 mg per tablet, oral ingestion tablet  
Ethambutol 400 mg + isoniazid 75 mg (EH) per tablet, oral ingestion tablet  
Ethionamide 250 mg per tablet, oral ingestion tablet  
Isoniazid (INH) 100 mg per tablet, oral ingestion tablet  
Isoniazid (INH) 300 mg per tablet, oral ingestion tablet  
Isoniazid (INH) 50 mg per tablet, oral ingestion tablet  
Moxifloxacin 400 mg per tablet, oral ingestion tablet  
Para-aminosalicylic acid (PAS) 4 g per sachet, oral ingestion granules  
Pyrazinamide (PZA) 150 mg per tablet, oral ingestion tablet  
Pyrazinamide (PZA) 400 mg per tablet, oral ingestion tablet  
Pyrazinamide (PZA) 500 mg per tablet, oral ingestion tablet  
Rifampicin 150 mg + isoniazid 75 mg (RH) per tablet, oral ingestion tablet  
Rifampicin 150 mg + isoniazid 75 mg + ethambutol 275 mg (RHE) per tablet, oral ingestion tablet  
Rifampicin 60 mg + isoniazid 30 mg (RH) per tablet, oral ingestion tablet  
Rifampicin 60 mg + isoniazid 30 mg + pyrazinamide 150 mg (RHZ) per tablet, oral ingestion tablet  
Rifampicin 150 mg + isoniazid 75 mg + pyrazinamide 400 mg + ethambutol 275 mg (RHZE) per tablet, oral ingestion tablet or capsule  
Streptomycin (STM) 1 g per vial, injection vial

## National Leprosy Program List

Items on the National Leprosy Program list can be imported and used by the private and public sector. In public sector health facilities, they should be used as per specifications in the BPHS and EPHS.

Clofazimine (CLO) 100 mg per capsule, oral ingestion capsule

Clofazimine (CLO) 50 mg per capsule, oral ingestion capsule

Dapsone (DDS) 100 mg per tablet, oral ingestion tablet

Dapsone (DDS) 25 mg per tablet, oral ingestion tablet

Dapsone (DDS) 50 mg per tablet, oral ingestion tablet

Rifampicin 300 mg + dapsone 50 mg + clofazimine 50 mg per tablet, oral ingestion tablet

## National EPI Program List

From the items on the EPI Program List, six vaccines (BCG, OPV, DPT-HepB-Hib, PCV1, measles, and TT) should be available in the public and private health facilities without charges; their sale in private and public health facilities are not allowed.

Diphtheria, pertussis, tetanus vaccine 20 doses per vial, injection vial  
Diphtheria, pertussis, tetanus, HepB, Hib vaccine 20 doses per vial, injection vial  
Diphtheria, pertussis, tetanus, HepB vaccine 10 doses per milliliter, injection vial  
Measles vaccine 10 doses per vial, injection vial  
Oral polio vaccine–bivalent (OPV-B) 20 doses per vial, oral vaccine  
Oral polio vaccine–monovalent (OPV-M) 20 doses per vial, oral vaccine  
Oral polio vaccine–trivalent (OPV-T) 20 doses per vial, oral vaccine  
Pneumococcal conjugated vaccine 23-valent single dose per vial, injection vial  
Pneumococcal conjugated vaccine 7-valent single dose per vial, injection vial  
Rotavirus monovalent/pentavalent single or double dose in two vials, oral vaccine  
Rubella vaccine, live attenuated in single dose, injection vial  
Tetanus toxoid vaccine 20 doses per vial, injection vial  
Tuberculosis vaccine (BCG) 20 doses per vial, injection vial

## Reference Table for Vitamin and Mineral Supplements

Table 3 lists the limits, as defined by the Food and Nutrition Boards of the Institute of Medicine, US National Academy of Sciences, for supplemental daily intake of vitamins and minerals.

**Table 3. Reference Table for Vitamin and Mineral Supplements**

| <b>Acronym</b>       | <b>ATC</b> | <b>Name</b>                                | <b>Form</b> | <b>Therapeutic Defined Daily Dose (adult)</b> | <b>Supplement Daily Intake</b> |             |             |
|----------------------|------------|--|-------------|---|--------------------------------|-------------|-------------|
|                      |            |  |             |   | <b>Min.</b>                    | <b>Max.</b> | <b>Unit</b> |
| Vit A                | A11CA01    | Retinol                                    | Inj.        | 50 IU   | 0.4                            | 1.3         | mg          |
| Vit A                | A11CA01    | Retinol                                    | Oral        | 50 IU   | 0.4                            | 1.3         | mg          |
| Vit B1 <sup>a</sup>  | A11DA01    | Thiamine <sup>a</sup>                      | Inj.        | 50 mg   | 0.4                            | 1.4         | mg          |
| Vit B1 <sup>a</sup>  | A11DA01    | Thiamine <sup>a</sup>                      | Oral        | 50 mg   |                                |             |             |
| Vit B12 <sup>a</sup> | B03BA04    | Cobamamide <sup>a</sup>                    |             |   |                                |             |             |
| Vit B12 <sup>a</sup> | B03BA01    | Cyanocobalamin <sup>a</sup>                | Nas.        | 0.07 mg                                       | 0.4                            | 2.8         | mcg         |
| Vit B12 <sup>a</sup> | B03BA01    | Cyanocobalamin <sup>a</sup>                | Oral        | 1 mg  | 0.4                            | 2.8         | mcg         |
| Vit B12 <sup>a</sup> | B03BA01    | Cyanocobalamin <sup>a</sup>                | Inj.        | 0.02 mg                                       | 0.4                            | 2.8         | mcg         |
| Vit B12 <sup>a</sup> | B03BA02    | Cyanocobalamin tannin complex <sup>a</sup> | Inj.        | 0.02 mg                                       | 0.4                            | 2.8         | mcg         |
| Vit B12 <sup>a</sup> | B03BA03    | Hydroxocobalamin <sup>a</sup>              | Inj.        | 0.02 mg                                       | 0.4                            | 2.8         | mcg         |
| Vit B12 <sup>a</sup> | B03BA05    | Mecobalamin <sup>a</sup>                   | Oral        | 1.5 mg  | 0.4                            | 2.8         | mcg         |
| Vit B12 <sup>a</sup> | B03BA05    | Mecobalamin <sup>a</sup>                   | Inj.        | 0.2 mg  | 0.4                            | 2.8         | mcg         |
| Vit B2 <sup>a</sup>  | A11HA04    | Riboflavin <sup>a</sup>                    |             |   | 0.3                            | 1.6         | mg          |
| Vit B3 <sup>a</sup>  | A11HA01    | Nicotinamide <sup>a</sup>                  | Oral        | 150 mg  | 2                              | 17          | mg          |
| Vit B5 <sup>a</sup>  | A11HA31    | Calcium pantothenate <sup>a</sup>          |             |   | 1.7                            | 7           | mg          |
| Vit B5 <sup>a</sup>  | A11HA30    | Dexpanthenol <sup>a</sup>                  |             |   | 1.7                            | 7           | mg          |
| Vit B5 <sup>a</sup>  | A11HA32    | Pantethine <sup>a</sup>                    |             |   | 1.7                            | 7           | mg          |
| Vit B6 <sup>a</sup>  | A11HA06    | Pyridoxal phosphate <sup>a</sup>           |             |   | 0.1                            | 2           | mg          |
| Vit B6 <sup>a</sup>  | A11HA02    | Pyridoxine <sup>a</sup>                    | Oral        | 160 mg  | 0.1                            | 2           | mg          |
| Vit B6 <sup>a</sup>  | A11HA02    | Pyridoxine <sup>a</sup>                    | Inj.        | 160 mg  | 0.1                            | 2           | mg          |
| Vit B7 <sup>a</sup>  | A11HA05    | Biotin <sup>a</sup>                        |             |   | 5                              | 35          | mcg         |
| Vit B8 <sup>a</sup>  | A11HA07    | Inositol <sup>a</sup>                      |             |   |                                |             |             |
| Vit B9 <sup>a</sup>  | B03BB01    | Folic acid <sup>a</sup> (prophylaxis)      | Oral        | 0.4 mg  | 0.065                          | 0.5         | mg          |
| Vit B9 <sup>a</sup>  | B03BB01    | Folic acid <sup>a</sup> (therapy)          | Inj.        | 10 mg   | 0.065                          | 0.5         | mg          |
| Vit C <sup>a</sup>   | A11GA01    | Ascorbic acid <sup>a</sup>                 | Inj.        | 200 mg  | 40                             | 120         | mg          |
| Vit C <sup>a</sup>   | A11GA01    | Ascorbic acid <sup>a</sup>                 | Oral        | 200 mg  | 40                             | 120         | mg          |
| Vit D                | A11CC03    | Alfacalcidol                               | Oral        | 0.001 mg                                      |                                |             |             |
| Vit D                | A11CC03    | Alfacalcidol                               | Inj.        | 0.001 mg                                      |                                |             |             |
| Vit D                | A11CC06    | Calcifediol                                |             |   | 5                              | 15          | mcg         |
| Vit D                | A11CC04    | Calcitriol                                 | Oral        | 0.001 mg                                      |                                |             |             |
| Vit D                | A11CC04    | Calcitriol                                 | Inj.        | 0.001 mg                                      |                                |             |             |
| Vit D                | A11CC05    | Colecalciferol                             |             |   | 5                              | 15          | mcg         |
| Vit D                | A11CC02    | Dihydrotachysterol                         | Oral        | 1 mg  | 5                              | 15          | mcg         |
| Vit D                | A11CC01    | Ergocalciferol                             |             |   | 5                              | 15          | mcg         |
| Vit D                | A11CC07    | Paricalcitol                               |             |   |                                |             |             |
| Vit E                | A11HA03    | Tocopherol                                 | Oral        | 200 mg  | 4                              | 19          | mg          |

<sup>a</sup> Water soluble vitamins may exceed maximum strengths up to 20%.

| <b>Acronym</b> | <b>ATC</b> | <b>Name</b>    | <b>Form</b> | <b>Therapeutic<br/>Defined Daily<br/>Dose (adult)</b> | <b>Supplement Daily Intake</b> |             |             |
|----------------|------------|----------------|-------------|---|--------------------------------|-------------|-------------|
|                |            |                |             |   | <b>Min.</b>                    | <b>Max.</b> | <b>Unit</b> |
| Vit E          | A11HA03    | Tocopherol     | Inj.        | 200 mg  | 4                              | 19          | mg          |
| Vit K3         | B02BA02    | Menadione      | Oral        | 10 mg   | 0.02                           | 0.09        | mcg         |
| Vit K3         | B02BA02    | Menadione      | Inj.        | 2 mg  | 0.02                           | 0.09        | mcg         |
| Vit K3         | B02BA01    | Phytomenadione | Oral        | 20 mg   | 0.02                           | 0.09        | mcg         |
| Vit K3         | B02BA01    | Phytomenadione | Inj.        | 20 mg   | 0.02                           | 0.09        | mcg         |
|                |            | Calcium        |             |   | 210                            | 1,000       | mg          |
|                |            | Chromium       |             |   | 0.2                            | 45          | mcg         |
|                |            | Copper         |             |   | 0.34                           | 13          | mg          |
|                |            | Fluoride       |             |   | 0.01                           | 3           | mg          |
|                |            | Iodine         |             |   | 0.09                           | 0.29        | mg          |
|                |            | Iron           |             |   | 0.27                           | 9           | mg          |
|                |            | Magnesium      |             |   | 0.08                           | 0.32        | mg          |
|                |            | Manganese      |             |   | 0.003                          | 2.6         | mg          |
|                |            | Molybdenum     |             |   | 0.017                          | 0.05        | mg          |
|                |            | Phosphor       |             | 450   | 700                            | mg          |             |
|                |            | Selenium       |             |   | 0.02                           | 0.07        | mg          |
|                |            | Zinc           |             |   | 2                              | 12          | mg          |

Source: National Academy of Sciences. 2002. *Dietary Reference Intakes*. Washington, DC: Food and Nutrition Boards, Institute of Medicine, National Academy of Sciences. [www.nap.edu](http://www.nap.edu)

## Annex A. Procedure for Application for Inclusion of Medicines on the Licensed Medicines List of the Ministry of Public Health of Afghanistan

### General

The LML selection process is based on a well-developed procedure that ensures transparency of the licensing process.

Applications for inclusion in the LML will be considered only if the application form has been fully completed for each proposed medicine. One application form must be filled out for each proposed medicine. The following necessary conditions must be met before an application for inclusion in the LML will be considered:

- The applicant's contact details are complete.
- The medicine's INN—including strength, route of administration, and presentation—has been provided.
- The indications have been clearly stated.
- The details of the proposed regimen for each indication are clearly stated.
- All relevant comparator medicines presently included in the LML have been listed for each indication.
- The applicant presents sufficient evidence to support inclusion of the proposed medicine.
- A supporting letter from the relevant MoPH department or program is included.

The same format is used for proposing deletions from the list. Often the proposal for inclusion of one medicine will also indicate the medicine to be replaced with that medicine. The medicine to be replaced will be deleted. If an existing medicine should be deleted without replacement, the same format can be used, indicating the medicine to be deleted in section 4 without, however, proposing a new medicine for replacement in section 3 but stating “to be removed” in section 3.

### Types of Applications

Applications may address major or minor amendments.

Minor amendments include, but are not limited to, the following:

- New strengths, presentations, or administration forms of medicines already included in the LML (e.g., proposing the inhalator form of a bronchodilator that is already included as tablet or injection or proposing slow-release instead of common tablets.)
- Combination therapies of medicines already included in the LML

For minor amendments, the required supporting evidence should be relevant to the nature of the amendment (e.g., alignment with new WHO recommendations on strengths or combination therapies requires only a copy of the new WHO recommendations) and should include cost implications.

Major amendments include, but are not limited to, the following:

- New indications for existing items on the list (e.g., using a medicine included for its antihypertension properties as a tocolytic)
- New therapeutic entities (e.g., a new antibiotic such as doxycycline to replace a previously included one such as tetracycline for the same indication)
- New therapeutic classes (e.g., antiretroviral medicines)

All major amendments must be supported by evidence reflecting safety, efficacy, and cost of the medicine compared to an already-listed medicine for the same indication. This evidence usually consists of one or more articles from an unbiased source of globally recognized integrity. A major amendment may also include motivations for medicines not listed and for conditions not yet addressed by the medicine included in the LML. In such cases, submissions must be supported by demographic or epidemiologic data.

## **Submittal and Screening Process**

Applications are submitted to the GDPA of the MoPH. Upon receipt, the GDPA will acknowledge the receipt of the application in writing.

Applications are screened by the medicine technical selection committee (TSC) of API/GDPA/MoPH to ensure that the following conditions have been met:

- The applicant's contact details are included.
- The medicine can be identified by its INN (i.e., generic name).
- At least one indication has been included along with the proposed regimen.
- Relevant comparator medicine(s) have been identified with their corresponding dosing regimen(s).
- Supporting references to substantiate the application have been supplied.
- A supporting letter from the relevant MoPH department or program is included.

The TSC will compile a review of the prevailing cost of therapy and assign the application to a suitably qualified reviewer who will prepare a technical report. This technical report summarizes a review of the submitted data and supporting references in terms of the following:

- Relative safety—Are the side effects acceptable considering the benefits for the patient who has the indicated condition?
- Relative efficacy—How do treatment results compare with treatment results of existing medicines for the stated condition?
- Practice environment—How does the proposed medicine's efficacy compare to current LML medicines?
- Pharmacoeconomic evaluation—How does the full treatment cost of the proposed medicine compare with the full treatment cost of existing medicines?

The report is then presented to the TSC, which may request further information from the applicant before recommending a decision to the NMSC. Once an application is sent to the NMSC, it will make one of the following decisions for approval or rejection.

- If the NMSC decides that a further review is required, the decision will be sent back to the TSC or further review.
- If the NMSC decides that the medicine is acceptable, the recommendation for approval will be submitted to GDPA.
- If the NMSC decides that the medicine is not acceptable, the applicant will be informed of the rejection and of the reasons for rejection. A rejected medicine will not be reconsidered for inclusion within six months of the rejection. Resubmission requires significant additional information and supporting references that address the specific reason(s) for rejection of the original application.

## Detailed Description of the Application Form

The application submission form contains five sections. Instructions for filling out the sections are provided here.

### Section 1. Proposed Medicine Identification

- **Proposed Medicine:** Provide the proposed medicine's INN, which identifies a pharmaceutical substance or active pharmaceutical ingredient by a unique name that is globally recognized and is public property. An INN is also known as a generic name. It also includes the presentation form and the strength of the proposed medicine (e.g., acetylsalicylic acid, tablet, 325 mg).
- **LML.** Provide information about the use of the proposed medicine: special, dispensary, CSL, or OTC.
- **Submission Date:** Give the Shamsi calendar date on which the submission is filled out.

### Section 2. Applicant's Details

The NMSC will acknowledge all submissions and communicate decisions with supporting arguments if appropriate. This section, therefore, forms a vital link between the applicant and the decision-making process.

- **Title:** For example, use Mr., Mrs., Dr., Pr., as appropriate.
- **Name:** Give the full name of the applicant. Do not abbreviate (e.g., Mohammad, not Mhd.; Sayed, not S.).
- **Father's Name:** Give the full name of the applicant's father. Do not abbreviate (e.g., Mohammad, not Mhd.; Sayed, not S.).
- **Title/Department:** Provide the name of the department or entity for whom the applicant works.
- **Postal Address:** Provide the full address where correspondence regarding the application should be sent. Include house number, street name, village or city, *nahia*, district, and province.
- **Phone:** Give the phone number(s) at which the applicant can be contacted.
- **E-mail:** Give the e-mail address to which correspondence regarding the application can be sent.
- **Facility ID:** If applicable, provide the official MoPH facility code of the facility where the applicant works. If the applicant is a private practitioner working in a nonregistered facility, put "NA" for this entry.

### Section 3. Proposed Indications

For each medicine submitted for inclusion, at least one indication with the proposed regimen needs to be filled out. Up to three indications can be filled out for one medicine submitted for inclusion.

- **Indication:** The applicant may list up to three indications (conditions) for using the suggested medicine. The following are points to consider:
  - If the applicant suggests a new therapeutic class (i.e., a new or emerging disease or condition), a brief motivation based on Afghan epidemiological data, as well as inclusion status in the BPHS, the EPHS, or an MoPH special program, must be included as an annex.
  - The indication should allow for the identification of the appropriate comparator(s) in the current LML.
  - Many medicines have multiple indications. Not all indications are equally cost effective, however.

**▪ Proposed Regimen**

- *Dose:* The amount of the medicine to be given with each intake or administration
- *Route:* For example, oral, parenteral, or topical
- *Interval:* Expressed as one administration every so many hours
- *Duration:* Number of days for a full treatment; for chronic conditions, write “30”

These data will be used for cost comparison and are vital for the pharmacoeconomic evaluation of the application.

- Cost Assessment:** Costs are expressed either in US dollars or Afghanis. Only one currency should be used. Using US dollars may facilitate comparisons with medicines available on the international market. The cost assessment of the proposed medicine is filled out by the applicant and will be double checked by the TSC.
- *Cost/Unit:* List the cost for one unit of the medicine. Clearly indicate the unit for which the cost is given.
  - *Cost/Course:* List the cost for a complete treatment, or for one month’s treatment for medicines used in chronic conditions.

These data are necessary to determine affordability. The EML includes all medicines that are recommended for use in the public sector and eligible for subsidy to decrease costs for the patient and increase access to the medicines for the poor. For this reason, pharmacoeconomic data are considered mandatory for the decision to include a medicine in the EML.

- Level of Evidence:** Cite, for each indication, the reference of the evidence that supports the use of the proposed medicine for that indication. Often this evidence will be the relevant WHO document or a document from another internationally accepted reference.

**Section 4. Medicines on the Current EML or LML for the Same Indication**

As a principle, the addition of an LML item should replace an existing item. This principle is of particular importance when safety and economic implications are taken into account. For each indication, the applicant will give at least one comparator medicine. For new therapeutic classes, a comparator medicine is not required. Details of the comparator medicine include the following:

- **Medicine INN** (generic name). List the presentation form and strength.
- **Indication.** Cite (one of) the indication(s) listed in section 3.
- **Current Regimen.** List the regimen as was done for the proposed medicine.
- **Cost Assessment.** The cost assessment of the comparator medicines is done by the TSC.
- **Can be replaced by the proposed medicine.** The TSC’s conclusion of the comparison between current medicine and the proposed medicine (Yes/No).

**Section 5. For Use by Pharmacy Department Only**

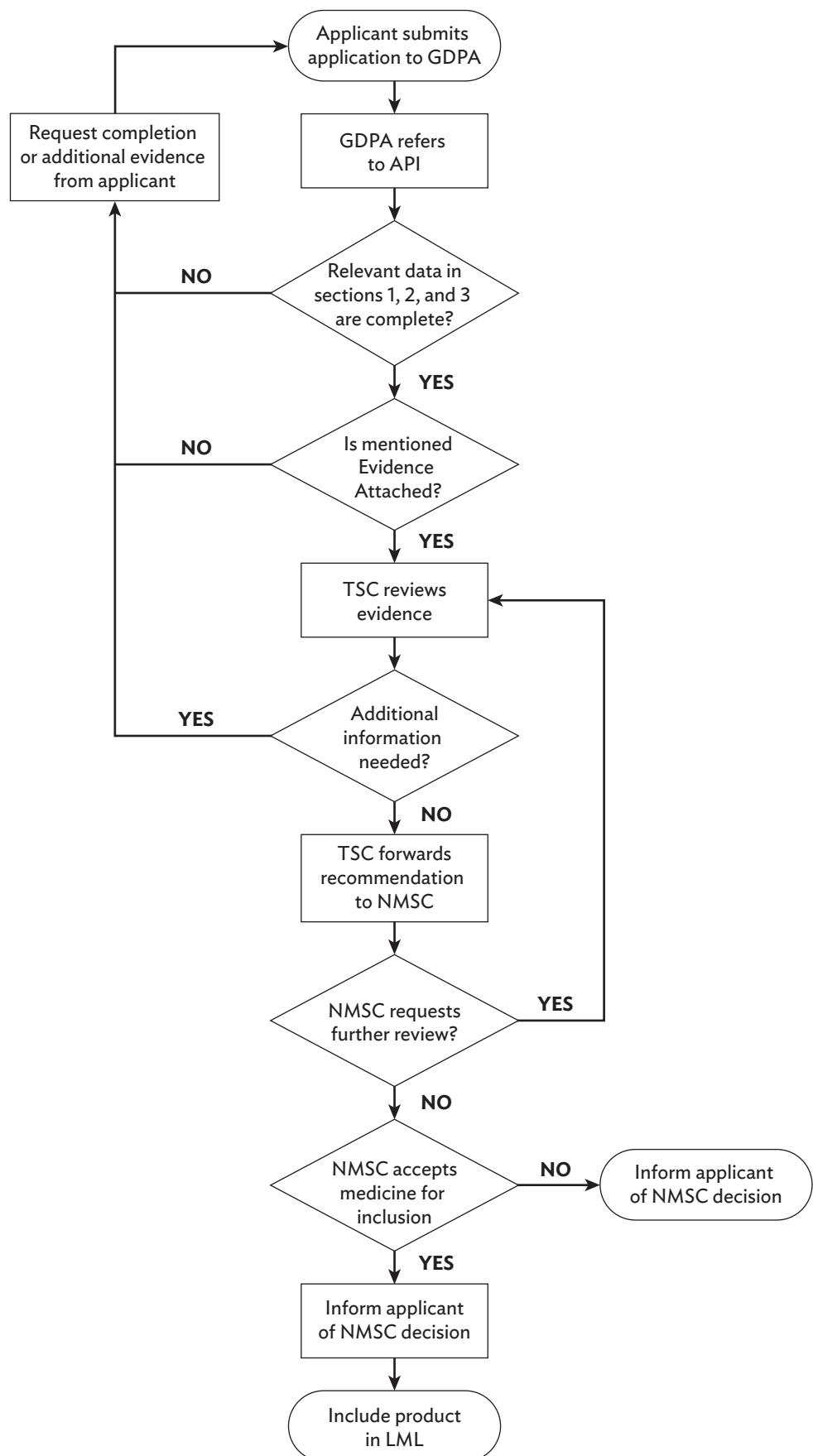
This section is intended to ensure that the submissions follow the proper process. Dates of steps and decisions will be noted as appropriate. The section will allow the interested parties to quickly review the history of an application.

- Application Number:** Upon receipt, the serial number of the application is noted. It consists of the number of the form, the four digits of the year of submission, and the serial number of submission in that year.
- Correspondence**
- *Date Received:* The date on which the application was received
  - *Acknowledged:* The date a message was sent to the applicant confirming receipt
  - *Application for More Evidence:* If applicable, the date a request for more evidence was

sent to the applicant. Only one request for more evidence will be sent per application for inclusion. Failure to submit convincing evidence will lead to rejection of the application for inclusion.

- *Supporting Letter From:* The name of the MoPH department or program that supports the application for inclusion in the LML
- *Initial Evidence:* The number or name of the reference given as initial evidence
- *Additional Evidence:* The number or name of the reference given as additional evidence
- *Number of Articles Submitted Initial:* The number of articles submitted along with the application
- *Number of Articles Submitted as Additional Evidence:* The number of articles submitted after application for additional evidence
- **Advice of TSC:** Whether the application is accepted or rejected
- **Reason for Application:** Summarizes the reason(s) for the application. More than one option may be circled.
  - *New Medicine:* Application for a new medicine that is not yet on the LML
  - *New Strength or Presentation Form:* Application for a new strength or presentation form of a medicine already included in the LML
  - *New or Changed Condition:* Application to extend the use of an existing medicine to a condition for which it was previously not used, or the condition it was previously accepted for has been changed (e.g., split into two or more new conditions)
  - *Change in Level of Care:* Application provoked by a change in STG or official MoPH protocols
  - *New Therapeutic Class:* Application for new medicines that address newly emergent conditions (e.g., HIV/AIDS medicines)
- **Rejected by TSC:** The date the TSC rejected the application
- **Forwarded to NMSC:** The date the TSC forwarded the application for final acceptance
- **Accepted by NMSC:** The date the NMSC accepted the medicine for inclusion
- **Rejected by NMSC:** The date the NMSC rejected the medicine for inclusion
- **Signature of API:** API director's signature
- **Signatures and Stamp of GDPA:** GDPA director's signature and stamp

The applicant will be informed in writing of the final decision. Figure A1 summarizes the application process.

**Figure A1. Flow of application for inclusion in the LML**

## Notes on the Application Process

### Evidence

Evidence is a vital component of the submission and review process. Evidence does not constitute a medicine decision and merely informs the strength of the argument. It forms the basis upon which the decision is made and allows for transparent scrutiny of the decision as well as facilitating the review. Evidence is required in support of the following:

- Relative efficacy
- Relative safety
- Relative cost
- Pharmacoeconomic benefits

Evidence must be relevant to the Afghan context. Multinational or foreign studies must be supported by a motivation of the relevance of both the outcome measures as well as socioeconomic facets to the Afghan context. The inclusion of at least one relevant reference is mandatory.

For application of an existing medicine to a new indication or for the introduction of a new medicine or new class of medicines, a copy of the full journal article should be included to expedite the review process.

### Communication of the Decision

After processing, the decision regarding an application will be communicated in writing to the applicant. In case of rejection of the application, the exact reasons for rejection will be provided.

### Reconsidering a Rejected Application

As a rule, a rejected application will not be reconsidered within six months after the rejection. To qualify for reconsideration, compelling additional evidence as described above should accompany the resubmission.

فارم درخواست افزودن/کاستن ادویه لست های ملی ادویه مجاز

## Application Form for Medicine Including or Excluding a Medicine in the LML

|   |  |   |                               |
|---|--|---|-------------------------------|
| Section 1. Proposed Medicine Identification |  | Section 2. Applicant's Details            |                               |
| INN<br>یا نام جزئی                          | بخش اول: معرفی دوای پیشنهادی   |   |                               |
| Form<br>یا شکل دوایی                        | بخش دوم: تفصیلات درخواست کننده:  |   |                               |
| Strength<br>یا قدرت                         | Name اسم   |   |                               |
| LML<br>افزون/کاستن در                       | Father's Name ولد  |   |                               |
| Special                                     | Dispensary   | CSL<br>با ادویه تحت کنترول                | OTC                           |
| Submission Date<br>تاریخ ارائه درخواست      | Title/Dept.<br>وظیفه و محل آن  |   |                               |
|   | Phone No.  | Postal Address<br>آدرس پستی               |                               |
|   | E-mail Address<br>ایمیل آدرس   |   |                               |
|   | Health Facility ID<br>کد ثبت مرکز صحي  |   |                               |
| بخش سوم: مشخصات دوای پیشنهاد شده            |  |   |                               |
| Section 3. Proposed Indications             |  | Proposed Regimen<br>درžيم تا اوی پیشنهادی |                               |
| Indication<br>استیتاب                       | Dose<br>مقدار  | Route<br>طرق تطبیق                        | Interval<br>مدت وقفه          |
|   |  |   | Duration<br>دوره تداوی        |
|   |  |   | Cost/Unit<br>قیمت واحد        |
|   |  |   | Cost/Course<br>قیمت کورس مکمل |
|   |  |   | Cost/Overall<br>قیمت کلی      |
| Level of Evidence<br>سطح شواهد              | Cost Assessment<br>ارزیابی قیمت  |   |                               |
|   | Ia. Meta-analysis<br>فرآ تحلیل   |   |                               |
|   | Ib. Randomized controlled trial<br>کار آزمائی کنترول شده تصادافی                                     |   |                               |
|   | II. Controlled study with no randomization<br>مطالعه کنترول غیر تصادافی                              |   |                               |
|   | III. Comparative, correlation or case control study<br>(مطالعه کنترول واقعی و مقایسه ای و مشاهده وی) |   |                               |
|   | IV. Reliable textbooks<br>کتب معتبر  |   |                               |
|   | V. Any other valid references<br>(تجارب کلینیکی، کمیته متخصصین Expert committee منابع معتبر دیگر)    |   |                               |

**Section 4. Medicines on current EML or LML with the same indication**

| Medicine دوا | Indication استطباب | Current Regimen |                 |                   |                      | Cost/Course Cost/Unit قیمت کورس مکمل تداوی | Cost Assessment Can be replaced by proposed medicine |
|--------------|--------------------|-----------------|-----------------|-------------------|----------------------|--|--|
|              |                    | Dose مقدار      | Route طرق تطبیق | Interval مدت وقفه | Duration تعداد تداوی |  |  |
|              |                    |                 |                 |                   |                      | Days روزها                                 |  |
|              |                    |                 |                 |                   |                      | Days روزها                                 |  |
|              |                    |                 |                 |                   |                      | Days روزها                                 |  |
|              |                    |                 |                 |                   |                      | Days روزها                                 |  |

بنش پنجم: این بنش توسط دیپارتمان مربوط در اداره امور فارماسی تکمیل میشود

**Section 5. For Use by General Directorate of Pharmaceutical Affairs Only**

| Application Number شماره درخواستی                             | Date Received تاریخ دریافت / /                     | Acknowledged تصدیق شد / /   | Number of articles submitted as additional evidence شماره شاهد اضافی / /                                     |
|---|--|---|--|
| Correspondence مراجسه   |  |   |  |
| Supporting letter from:                                       | Initial evidence                                   | Additional evidence   |  |
| Evidence  | Number of articles submitted initial               | تعداد مقاله های ارایه شده ابتدایی   |  |
| Advice of TSC: Accept/Reject                                  | Reason for application:                            | <input type="checkbox"/> New medicine<br><input type="checkbox"/> Change in level of care | <input type="checkbox"/> New strength or presentation form<br><input type="checkbox"/> New therapeutic class |
| Rejected by TSC: / کمیته تختیک فارماسی مسترد نمود             | Forward to NMSC: / ارجاع به کمیته ملی انتخاب ادویه | <input type="checkbox"/> Accepted by NMSC: / تصویب کمیته ملی انتخاب ادویه                 | <input type="checkbox"/> Rejected by NMSC: / تصویب کمیته ملی انتخاب ادویه رد شد                              |
| API Director Signature: امضاء رئیس انتستیتوت فارماسی ابن سینا | API Stamp  | مهر ریاست انتستیتوت فارماسی ابن سینا  | GDPA Director Signature: امضاء دیس عمومی امور فارماسی  |

بنش چهارم: دوا موجوده در لست ادویه اساسی یا مجاز با عین موارد استعمال

## Consulted Literature

- British Medical Association. 2009. *National British Formulary*, Volume 57. London: BMJ Group and RPS Publishing.
- International Narcotics Control Board. 2004. *List of Narcotic Drugs under International Control, Yellow List* (46th ed.) Vienna, Austria: International Narcotics Control Board.
- Islamic Republic of Afghanistan. *National Malaria Strategic Plan 2006–2010*. Kabul: MoPH.
- Islamic Republic of Afghanistan. 2006. *National Policy on Reproductive Health*. Kabul: MoPH.
- Islamic Republic of Afghanistan. 2007. *Licensed Drugs List of Afghanistan*. Kabul: Drugs and Therapeutics Committee, Essential Drugs Department, Ministry of Health, and MoPH.
- Islamic Republic of Afghanistan. 2008. *Malaria Treatment Protocol 2008*. Kabul: MoPH.
- Islamic Republic of Afghanistan. 2010. *A Basic Package of Health Services for Afghanistan*. Kabul: MoPH.
- Islamic Republic of Afghanistan. 2013. *The Essential Package of Hospital Services for Afghanistan*. Kabul: MoPH.
- Martindale, William, and James E.F. Reynolds (eds.) 1996. *Martindale the Extra Pharmacopoeia* (31st ed.) London: Royal Pharmaceutical Society.
- MSH. 2006. *International Drug Price Indicator Guide*. 2006. Arlington, Virginia, USA: Center for Pharmaceutical Management, MSH.
- MSH and WHO. 1997. *Managing Drug Supply*. West Hartford, Connecticut, USA: Kumarian Press.
- Transitional Islamic Government of Afghanistan. 2003. *HIV/AIDS and STI National Strategic Plan for Afghanistan 2003-2007*. Kabul: MoPH.
- Transitional Islamic Government of Afghanistan. 2003. *IMCI Chart Booklet*. Kabul: Ministry of Health.
- Transitional Islamic Government of Afghanistan. 2003. *National Medicine Policy*. Kabul: Ministry of Health.
- Transitional Islamic Government of Afghanistan. 2007. *National Essential Drugs List of Afghanistan*. Kabul: Drugs and Therapeutics Committee, Essential Drugs Department, Ministry of Health.
- WHO. 2008. *WHO Model Formulary*. Geneva: WHO.
- WHO. 2013. *WHO Model List of Essential Medicines*. Geneva: WHO.  
<http://www.who.int/medicines/publications/EML15.pdf> and  
[http://www.who.int/medicines/services/essmedicines\\_def/en/index.html](http://www.who.int/medicines/services/essmedicines_def/en/index.html)
- WHO, International Planned Parenthood Federation, and John Snow Inc. 2006. *The Interagency List of Essential Medicines for Reproductive Health*. Geneva: WHO.
- WHO Collaborating Center for Drug Statistics Methodology and Norwegian Institute of Public Health. 2012. *ATC Index with DDDs*, 2013. Oslo: Norwegian Institute of Public Health.  
<http://www.whocc.no/atcddd/>

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