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Allergologie	Allergology	الأرجيات
Anesthesie - reanimation	Anesthesia - resuscitation	تبنيج – إنعاش
Antalgiques-antipyretique	Analgesics	المسكنات
Anti-hypertenseur	Antihypertensive	الخافضة للضغط
Anti-inflammatoires	Anti-inflammatory drugs	مضادات الإلتهاب
Anti-spasmodiques	Antispasmodics	مضادات التشنج
Cardiologie et angiologie	Cardiology and angiology	أمراض القلب والأوعية
Dermatologie	Dermatology	أمراض البشــرة
Dermatologie- infectiologie	Dermatology-infectious diseases	الأمراض الجلدية، الأمراض المعدية
Gastro-ente <mark>r</mark> ologie	Gastroenterology	أمراض المعدة والأمعاء
Hepatologie	Hepatology	أمراض الكب
Infectiologie	Infectiology	أمراض النعفن
Metabolisme et nutrition	Metabolism and nutrition	الإستقلاب والتغنية
Neurologie - psychiatrie	Neurology - psychiatry	أمراض الأعصاب-الأمراض النفسية
Pneumologie	Pneumology	أمراض الرئة
Rhumatologie	Rheumatology	الرثويات
Stomatologie	Stomatology	أمراض الفم
Systeme cardio-vasculaire	Cardiovascular system	الجهاز القلبي الوعلئي



PHARM 1 HUMANITA









STATEMENT OF SUPPLIER

PHARMA 1 HUMANITAS

Head-quater: 20 WENLOCK ROAD LONDON ENGLAND N1 7GU pharma1humanitas@gmail.com

THIS CERTIFICATE PRESENTED TO

PHARMAIHUMANITAS HOLDINGS LTD IT IS COMMITTED TO FULLY RESPECTING THE PATENT LAWS GOVERNING THE VARIOUS MANUFACTURERS OF BRANDED (ORIGINATOR) AND GENERIC PRODUCTS WITHIN OUR PORTFOLIO. THIS INCLUDES ADHERING TO THE INTELLECTUAL PROPERTY RIGHTS OF BOTH INTERNATIONAL BRANDS AND GENERICS, IN LINE WITH LOCAL AND INTERNATIONAL REGULATIONS, ENSURING ETHICAL AND LAWFUL PRACTICES IN OUR BUSINESS OPERATIONS.

PHARMA 1 HUMANITAS HOLDINGS LTD

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Feed Sector Operator

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Buying and selling of own real estate

Research and experimental development on biotechnology





EVERYWEEK WE HAVE NEW PRODUCTS SEND TO US AND EMAIL FOR DISCOVER NEW OFFER.

IF SOME MEDICINES YOU WANT ARE NOT PRESENT IN THE LIST, SEND US AN EMAIL AND YOU WILL RECEIVE A NEW QUOTE REFERRING TO THE MEDICINES YOU WILL REQUEST.OUR BRITISH COMPANY WILL SOURCE AS ADVISOR THE PHARMACEUTICAL PRODUCTS FROM THE BEST CERTIFIED FACTORIES. PHARMA1HUMANITAS HOLDINGS LTD IT IS COMMITTED TO FULLY RESPECTING THE PATENT LAWS GOVERNING THE VARIOUS MANUFACTURERS OF BRANDED (ORIGINATOR) AND GENERIC PRODUCTS WITHIN OUR PORTFOLIO. THIS INCLUDES ADHERING TO THE INTELLECTUAL PROPERTY RIGHTS OF BOTH INTERNATIONAL BRANDS AND GENERICS, IN LINE WITH LOCAL AND INTERNATIONAL REGULATIONS, ENSURING ETHICAL AND LAWFUL PRACTICES IN OUR BUSINESS OPERATIONS.



1. Oral Administration (by mouth)

Tablets/Pills: Solid form of medicine that is taken by mouth.

Capsules: Gelatin containers filled with powder or liquid medication.

Liquids/Syrups: Medicine in liquid form, often easier to swallow for children or those who have difficulty with tablets.

Effervescent Tablets/Granules: Tablets or granules that dissolve in water before being taken.

2. Topical Administration (on the skin)

Creams/Ointments: Semi-solid preparations applied to the skin for local treatment (e.g., for rashes, infections, or pain relief).

Gels: Similar to creams but with a gel-like consistency, often used for conditions like muscle pain or acne.

Patches: Adhesive patches that release medication over time

Lotions: Liquid preparations applied to the skin, typically for hydration or soothing (sunburn relief).





3. Parenteral Administration (injection or infusion)

4. Inhalation

5. Sublingual

Sublingual Tablets: These are placed under the tongue to be absorbed directly into the bloodstream.

6. Ophthalmic (eye)

Eye Drops: Liquids administered directly into the eyes for conditions like glaucoma, dry eyes, or infections.

Ointments: Applied to the eye's surface to treat infections or inflammation.

7. Nasal Administration

Nasal Sprays/Drops: Medications sprayed or dropped into the nostrils, commonly used for conditions like allergies, sinusitis, or to deliver certain systemic drugs (e.g., nasal decongestants or hormone therapies).

8. Woman health-care

Suppositories

Creams/Gels: Applied to the vaginal area to treat infections or dryness.

9. Transdermal

Patches: A medication in patch form that sticks to the skin and allows controlled, continuous absorption of medication through the skin.







INJECTABLE SOLUTIONS

- ✓ Paracetamol TBD mg/ml Vial/Box Analgesic Antipyretic
- ✓ Ibuprofen TBD mg/ ml ml Glass Bottle Nonsteroidal Anti-inflammatory
- ✓ Ibuprofen TBDmg/ml ml Glass Bottle Nonsteroidal Anti-inflammatory
- ✓ Amoxicillin TBD mg/ ml / Clavulanic acid TBDmg/ml ml Glass Bottle Broad-Spectrum Antibiotic
- ✓ Amoxicillin TBD mg/ml / Clavulanic acid Glass Bottle Broad-Spectrum Antibiotic
- ✓ Sultamicillin TBDmg/ Glass Bottle Broad-Spectrum Antibiotic







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- NEW PRODUCTS

 CALCIUM CALCIUM GLUCONATE 10% 10ML AMP

 - FLUCONAZOLE 2MG/ML 50ML VIAL
 - FRUSEMIDE 10MG/ML 2ML INJ
 - HYOSCIN-N-BUTYLBROMIDE 20MG/ML 2ML INJ
 - GONADOTROPHIN.75IU + LUTINSING HORMONE 75IU MMM'bhatwa Thriwani MMM.byshwalphings.com MMM.bharwajhnu www.pharma MMM·bys.cow







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1. Glass and Polypropylene Bottles

Glass Bottles: Glass is often the preferred material for packaging medicines, especially for infusion solutions, due to its non-reactivity, transparency, and ability to maintain the integrity of the medication. Glass bottles are often used for parenteral drugs, including IV fluids, antibiotics, and other injectables.

Advantages:

Ideal for sensitive medications that may interact with plastic materials.

Transparent for easy visual inspection of the solution.

Polypropylene Bottles: Polypropylene PP is a lightweight, durable, and more cost-effective alternative to glass. It is often used for medications that do not require glass packaging but still need to meet stability requirements.

Advantages:

Lightweight and unbreakable.

Can be more cost-effective than glass.

Resistant to chemicals and relatively stable for long shelf life.



2. Glass Vials

Glass Vials: Glass vials are commonly used for injectable medications, especially concentrates and medications that need to be reconstituted before use. Vials typically come in sizes ranging from 1 ml to 100 ml or more, depending on the volume required for the treatment.

Advantages:

Ideal for quantities of injectable drugs or concentrates.

Preserves the sterility and quality of the drug over time.









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3. PVC-Free and Polypropylene Bags

PVC-Free Bags: These are flexible bags used for infusion products, often as an alternative to traditional PVC bags, which may contain harmful chemicals such as DEHP (Di-2-ethylhexyl phthalate). PVC-free bags are increasingly used in clinical settings to reduce potential toxicity risks.

Flexibility allows for easy handling and storage.

Often used in IV fluid therapy

Can be used in both gravity-driven or pump-controlled infusion systems.

Polypropylene Bags: Polypropylene is also used for infusion products, providing a rigid and chemical-resistant alternative to PVC. They are designed to reduce concerns about leaching and compatibility with certain medications.

Advantages:

Chemical-resistant and generally considered safe for most IV medications.

Non-toxic and environmentally friendly compared to PVC.







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Human Albumin

For now it is available human albumin 20% -100 ml Human albumin 25% 100 ml











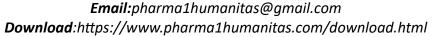
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- **Enoxaparin Sodium Pre-Filled Syringes 20 mg/0.2 ml**
- **Enoxaparin Sodium Pre-Filled Syringes 40 mg/0.4 ml**
- ✓ Enoxaparin Sodium Pre-Filled Syringes 60 mg/0.6 ml
- ✓ Enoxaparin Sodium Pre-Filled Syringes 80 mg/0.8 ml









GENERIC MEDICINES FROM THE BEST GMP EGYPTIAN FACTORY

- **1)Desevenlafaxine Succinate 50 mg Tab** is indicated for the treatment of major depressive disorder.
- **2)Dapoxetine 50mg Film Coated Tablets** it is indicated for the treatment of premature ejaculation (PE) in adult men aged 18 to 64 years.
- **3) Levofloxacin 750mg Film Coated Tablets** it is abroad spectrum anti-biotic releated to the fluoroquinolones group. Levofloxacin tablets are indicated for the treatment of adults with mild, moderate, and severe infections caused by susceptible isolates of the designated microorganisms.
- **4) Metformin HCI SR Granules 60% w/w 500,750,1000mg XR Film Coated**Tablets.Range It used Control of type 2 diabetes mellitus.The Metformin made in Egypt in the extended-release form as mono-dose or can be administrated concurrently and in combination with other oral antidiabetics products, or Insulin.
- 5) Olanzapine form one 2.5, 5, 10mg Oral Dispersible Tablets

It is indicated for the treatment of schizophrenia. It is indicated for the treatment of Moderate to severe manic episodes and prevent the recurrent of patients with bipolar disorder. This medicine can be taken as mono dose or in combination with other antipsychotic drugs.

- **6) Entecavir 0.5,1mg Tablets** it is the best made in Egypt medicine, that can treatment of chronic hepatitis B virus (HBV) infection.
- **7)Ondansetron 4mg / 2ml Ampoules for IV, IM or infusion,8mg / 4ml Ampoules for IV, IM or infusion.**Ondansetron it is indicated in adults for the prevention and treatment of nausea and vomiting induced by cytotoxic chemotherapy and radiotherapy, and for the prevention and treatment of post-operative nausea and vomiting (PONV).
- **8) Pregabaline 75,150mg Hard Gelatin Capsules** it is indicated for the treatment of peripheral and central neuropathic pain in adults. This product it is indicated as adjunctive therapy in adults with partial seizures with or without secondary generalization. Pregabaline 75,150mg Hard Gelatin Capsules is indicated for the treatment of Generalized Anxiety Disorder in adults.
- 9) Lamivudine 150mg with zidovudine 300mg 150,300mg Tablets.

The best Egyptian rare medicine it is indicated in antiretroviral combination therapy for the treatment of Human Immunodeficiency Virus & infection.





PRODUCT: CODEINE PHOSPHATE+PARACETAMOL

Dosage: 300 mg/25mg

Primary Condition: Blister
Indication: Symptomatic treatment of moderate to severe pain the respond to the use of peripheral analgesics used alone.

PRODUCT: MYRTECAIN+DIETHYLAMINE SALICYLATE
Dosage: 1g/100mg
Form: Tablet
Therapeutic Subclass: Percutaneous drugs in rheumatology and
Shelf life: 60 months Pharmaceutical Indication: Symptomatic treatment of moderate to severe pain that does not

Therapeutic Subclass: Percutaneous drugs in rheumatology and traumatology

Shelf life: 60 months Pharmaceutical

Indication: Local treatment

PRODUCT: HEXETIDINE Indication: Local treatment of pain and contusions in benign traumatology.

Dosage: 1 mg

Therapeutic Class: STOMATOLOGY

Therapeutic Subclass: Local antiseptics

Shelf life: 36 months

Officinale format: FL/200 ML

Indication: Local adjunctive treatment of oral cavity conditions and post-operative

care in stomatology.

PRODUCT: MEPHENESINE + METHYL NICOTINATE

Dosage: 10g/100g

Form: Tablet

Therapeutic Class: RHEUMATOLOGY Percutaneous drugs in rheumatology and

traumatology Shelf life: 24

Indication: Lumbago, back pain, intercostal neuralgia, cramps and muscle aches

on exertion, sprains.

AMIKACIN (as sulphate)

- Therapeutic Class: Aminoglycosides
- **Grammage**: 500 mg/2 mL, 1000 mg/4 mL
- Therapeutic Class: Aminoglycoside
 Grammage: 500 mg/2 mL, 1000 mg
 Explanation: Amikacin is an antibion those caused by Gram-negative bacter and urinary tract.
 AMOXICILLIN (as trihydrate)
 Therapeutic Class: Broad-spectrum
 Grammage: Tablets 1 g, 12 tab-pack
 Explanation: Amoxicillin is a penicipacterial infections such as ear infect
 CEFOTAXIME (as sodium salt)
 Therapeutic Class: Third-generation
 Grammage: Injection: 1 g vial + 4 m
 Explanation: Cefotaxime is used for infections, and meningitis. It targets
 SPORES OF BACILLUS CLAUSII
 Therapeutic Class: Probiotics
 Grammage: 2 billion/5 mL (sachets,
 Explanation: Bacillus clausii is used balance of gut flora and alleviate gas
 CLARITHROMYCIN **Explanation**: Amikacin is an antibiotic used to treat severe bacterial infections, particularly those caused by Gram-negative bacteria, including infections in the respiratory tract, blood,

- Therapeutic Class: Broad-spectrum Penicillins
- **Grammage**: Tablets 1 g, 12 tab-pack; Injection: 1 g vial + 4 mL solvent
- **Explanation**: Amoxicillin is a penicillin-type antibiotic used to treat a wide range of bacterial infections such as ear infections, respiratory infections, and urinary tract infections.

- Therapeutic Class: Third-generation Cephalosporins
- **Grammage**: Injection: 1 g vial + 4 mL solvent, 2 g vial + 10 mL solvent
- **Explanation**: Cefotaxime is used for serious infections like pneumonia, urinary tract infections, and meningitis. It targets Gram-negative and some Gram-positive bacteria.

- **Grammage**: 2 billion/5 mL (sachets, oral suspension)
- **Explanation**: Bacillus clausii is used to treat intestinal dysmicrobism, helping restore the balance of gut flora and alleviate gastrointestinal disorders.

CLARITHROMYCIN

- Therapeutic Class: Macrolides
- **Grammage**: Tablets 500 mg, 14 tab-pack
- **Explanation**: Clarithromycin is an antibiotic used to treat respiratory infections, skin infections, and Helicobacter pylori infections.

CEFAZOLIN (as sodium salt)

- Therapeutic Class: Other beta-lactam antibacterials
- **Grammage**: Injection: 1 g vial + 4 mL solvent
- **Explanation**: Cefazolin is used for treating skin, bone, joint, and respiratory infections. It's also used as prophylaxis in surgeries.

CIPROFLOXACIN (as hydrochloride)

- Therapeutic Class: Quinolones
- **Grammage**: Tablets: 250 mg, 500 mg, 750 mg; Injection: 1 g vial + 3.5 mL solvent
- **Explanation**: Ciprofloxacin is used for bacterial infections, including urinary tract infections, respiratory infections, and skin infections.

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CO-AMOXICLAV (Amoxicillin + Clavulanic acid)

- Therapeutic Class: Beta-lactamase Inhibitor Combinations
- **Grammage**: Tablets 500 mg, 875 mg + 125 mg; Oral suspension
- **Explanation**: Co-amoxiclav is a combination antibiotic used to treat infections caused by beta-lactamase-producing bacteria, such as respiratory and urinary tract infections.

CEFACLOR (As Monohydrate)

- Therapeutic Class: Orally active Cephalosporins
- **Grammage**: Tablets: 500 mg, 8 tab-pack
- **Explanation**: Cefaclor is an antibiotic used for treating infections such as bronchitis, ear infections, and urinary tract infections.

CEFPODOXIME PROXETIL

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- Therapeutic Class: Third-generation Cephalosporins
- **Grammage**: Tablets: 100 mg, 200 mg; Granules for oral suspension
- **Explanation**: Cefpodoxime is an oral cephalosporin antibiotic effective against respiratory, skin, and urinary tract infections.

CEFTRIAXONE (as hydrated disodium)

- Therapeutic Class: Third-generation Cephalosporins
- **Grammage**: Injection: 1 g vial + 10 mL solvent
- **Explanation**: Ceftriaxone is used for severe infections such as pneumonia, meningitis, and sepsis, acting against a broad range of bacteria.

CEFTAZIDIME (as pentahydrate)

- Therapeutic Class: Third-generation Cephalosporins
- **Grammage**: Injection: 1 g vial + 3.5 mL solvent, 2 g vial
- **Explanation**: Ceftazidime is an antibiotic used to treat infections like pneumonia, skin infections, and sepsis, particularly those caused by Pseudomonas aeruginosa.

AZITHROMYCIN (as monohydrate)

- Therapeutic Class: Macrolides
- **Grammage**: Tablets: 500 mg, 3 tab-pack
- **Explanation**: Azithromycin is used to treat bacterial infections including respiratory infections, skin infections, and sexually transmitted diseases.

EZETIMIBE + ROSUVASTATIN

- Therapeutic Class: Lipid-modifying substances
- **Grammage**: Tablets: 5 mg/10 mg, 10 mg/10 mg
- **Explanation**: This combination drug is used to treat hyperlipidemia and reduce the risk of cardiovascular disease by lowering cholesterol levels.



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ATORVASTATIN

- Therapeutic Class: Lipid-regulating drugs
 Grammage: Tablets: 20 mg, 40 mg, 80 mg
- **Explanation**: Atorvastatin is used to lower cholesterol levels and reduce the risk of heart disease, stroke, and other cardiovascular events.

SIMVASTATIN

- Therapeutic Class: Lipid-regulating drugs
- **Grammage**: Tablets: 40 mg
- **Explanation**: Simvastatin is a cholesterol-lowering drug that reduces the risk of cardiovascular events by decreasing LDL cholesterol and total cholesterol.

TAMSULOSIN HYDROCHLORIDE

- Therapeutic Class: Drugs for genito-urinary disorders
- **Grammage**: Capsules: 0.4 mg
- **Explanation**: Tamsulosin is used to treat benign prostatic hyperplasia (BPH) by relaxing muscles in the prostate and bladder neck to improve urine flow.

TADALAFIL

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- Therapeutic Class: Urologicals
- **Grammage**: Tablets: 5 mg, 10 mg, 20 mg
- **Explanation**: Tadalafil is used for treating erectile dysfunction and symptoms of benign prostatic hyperplasia.

CETIRIZINE HYDROCHLORIDE

- Therapeutic Class: Antihistamines
- **Grammage**: Tablets: 10 mg, 20 tab-pack; Oral drops: 10 mg/mL
- **Explanation**: Cetirizine is an antihistamine used to relieve allergy symptoms such as runny nose, sneezing, and itchy eyes.

MONTELUKAST (as sodium salt)

- Therapeutic Class: Leukotriene receptor antagonists
- **Grammage**: Chewable tablets: 5 mg, 10 mg
- **Explanation**: Montelukast is used for the prevention and treatment of asthma and seasonal allergies by blocking leukotrienes, chemicals involved in the allergic response.

L-CARNITINE INNER SALT

- Therapeutic Class: Amino acids and derivatives
- **Grammage**: Oral liquid: 1 g/10 mL, 2 g/10 mL
- **Explanation**: L-Carnitine is used to treat carnitine deficiency and improve fat metabolism, commonly used in patients with mitochondrial disorders.



CARVEDILOL

- **Therapeutic Class**: Beta-adrenoceptor blockers
- Grammage: Tablets: 6.25 mg, 25 mg
- Therapeutic Class: Beta-adrenoceptor of Grammage: Tablets: 6.25 mg, 25 mg
 Explanation: Carvedilol is used to treat I receptors, leading to reduced heart rate and CANDESARTAN CILEXETIL
 Therapeutic Class: Specific angiotensin Grammage: Tablets: 4 mg, 8 mg, 16 mg
 Explanation: Candesartan is used for treaction of angiotensin II, which causes bloom the causes bloom the compact of the compact **Explanation**: Carvedilol is used to treat hypertension and heart failure by blocking betareceptors, leading to reduced heart rate and blood pressure.

- Therapeutic Class: Specific angiotensin-II receptor antagonists
- **Grammage**: Tablets: 4 mg, 8 mg, 16 mg, 32 mg
- **Explanation**: Candesartan is used for treating hypertension and heart failure by blocking the action of angiotensin II, which causes blood vessel constriction.

- **Explanation**: Hydrochlorothiazide is a diuretic used to treat hypertension and fluid retention

- Therapeutic Class: Specific angiotensin-II receptor antagonists
- **Grammage**: Tablets: 40 mg, 80 mg, 160 mg
- **Explanation**: Valsartan is used to treat hypertension and heart failure by blocking the action

- Therapeutic Class: Angiotensin-converting enzyme (ACE) inhibitors
- **Grammage**: Tablets: 2.5 mg, 5 mg, 10 mg
- **Explanation**: Ramipril is used to treat hypertension and prevent heart failure progression by inhibiting ACE, which leads to vasodilation and reduced blood pressure.



AMLODIPINE BESILATE

- Therapeutic Class: Calcium-channel blockers
- **Grammage**: Tablets: 5 mg, 28 tab-pack
- **Explanation**: Amlodipine is used to treat hypertension and angina by relaxing blood vessels, which helps to reduce blood pressure and improve blood flow to the heart.

L-CARNITINE INNER SALT

- Therapeutic Class: Amino acids and derivatives
- **Grammage**: Oral liquid: L-carnitine 1 g/10 mL, 2 g/10 mL, Injection: Glass Vial 1 g/5 mL, 2 g/5 mL
- **Explanation**: L-carnitine is used to treat carnitine deficiency and improve fat metabolism. It helps in the transport of fatty acids into cells for energy production, and is commonly used in mitochondrial disorders.

CARVEDILOL

- Therapeutic Class: Beta-adrenoceptor blockers
- **Grammage**: Tablets (divisible): 6.25 mg, 25 mg
- **Explanation**: Carvedilol is used to treat hypertension and heart failure by blocking beta receptors in the heart and blood vessels, leading to reduced heart rate and improved circulation.

CANDESARTAN CILEXETIL

- Therapeutic Class: Angiotensin-II receptor antagonists
- **Grammage**: Tablets: 4 mg, 8 mg, 16 mg, 32 mg
- **Explanation**: Candesartan is used for treating high blood pressure and heart failure by blocking the effects of angiotensin II, which leads to relaxation of blood vessels and improved blood flow.

CANDESARTAN CILEXETIL + HYDROCHLOROTHIAZIDE

- Therapeutic Class: Angiotensin-II receptor antagonists + Diuretics
- **Grammage**: Tablets: 8 mg + 12.5 mg, 16 mg + 12.5 mg
- **Explanation**: This combination drug treats hypertension by both blocking angiotensin II receptors (candesartan) and promoting diuresis (hydrochlorothiazide), which helps to lower blood pressure.

ENALAPRIL MALEATE + HYDROCHLOROTHIAZIDE

- **Therapeutic Class**: ACE inhibitors + Diuretics
- **Grammage**: Tablets: 5 mg + 12.5 mg, 10 mg + 12.5 mg
- **Explanation**: This combination is used to treat hypertension, combining the blood pressure-lowering effects of ACE inhibitors (enalapril) and diuretics (hydrochlorothiazide).



HYDROCHLOROTHIAZIDE (HCTZ)

- **Therapeutic Class**: Diuretics **Grammage**: Tablets: 20 mg
- **Explanation**: Hydrochlorothiazide is a diuretic used to treat high blood pressure and fluid retention (edema) by promoting urine production, which reduces excess fluid in the body.

- Therapeutic Class: Angiotensin-II receptor antagonists
- **Grammage**: Tablets (film-coated): 50 mg, 100 mg
- **Explanation**: Losartan is used to treat hypertension and protect against stroke by blocking the action of angiotensin II, a substance that narrows blood vessels.

- Therapeutic Class: Beta-adrenoceptor blockers
- **Grammage**: Tablets (divisible): 5 mg
- Grammage: Tablets: 20 mg
 Explanation: Hydrochloroth retention (edema) by promotion to the retention (edema) by promotion (edema **Explanation**: Nebivolol is a beta-blocker used to treat high blood pressure and heart failure. It helps lower blood pressure by reducing heart rate and promoting vasodilation.

- Therapeutic Class: Angiotensin-II receptor antagonists
- **Grammage**: Tablets (film-coated): 40 mg, 80 mg, 160 mg
- **Explanation**: Valsartan is used to treat high blood pressure, heart failure, and to protect the heart after a heart attack by blocking angiotensin II receptors, which relaxes blood vessels.

VALSARTAN + HYDROCHLOROTHIAZIDE

- **Therapeutic Class**: Angiotensin-II receptor antagonists + Diuretics
- **Grammage**: Tablets (film-coated): 80 mg + 12.5 mg, 160 mg + 12.5 mg
- **Explanation**: This combination is used for treating hypertension by combining the blood pressure-lowering effects of valsartan (angiotensin II receptor antagonist) and hydrochlorothiazide (diuretic).

RAMIPRIL + HYDROCHLOROTHIAZIDE (HCTZ)

- **Therapeutic Class**: ACE inhibitors + Diuretics
- **Grammage**: Tablets: 2.5 mg + 12.5 mg, 5 mg + 25 mg
- **Explanation**: This combination drug is used to treat hypertension and reduce the risk of heart attack and stroke by combining the effects of ramipril (ACE inhibitor) and hydrochlorothiazide (diuretic).

URSODEOXYCHOLIC ACID

- Therapeutic Class: Drugs affecting biliary composition and flow
- **Grammage**: Capsules: 150 mg, 300 mg
- **Explanation**: Ursodeoxycholic acid is used to treat liver diseases, including gallstones, by helping to dissolve cholesterol in the bile and improving liver function.

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CALCIUM The Grae Exp defic DIOSMIN The Grae Exp circu HEPARIN The Grae Exp circu FERRO GI

ALENDRONIC ACID (as Alendronate Sodium)

- **Therapeutic Class:** Drugs affecting bone metabolism
- **Grammage**: Tablets (film-coated): 70 mg
- **Explanation**: Alendronate is used to treat osteoporosis by inhibiting bone resorption, which helps increase bone mineral density and reduce the risk of fractures.

CALCIUM CARBONATE + CHOLECALCIFEROL (Vitamin D)

- **Therapeutic Class**: Vitamin supplements
- Grammage: Tablets (effervescent): 1000 mg/880 IU
- **Explanation**: This combination is used to treat and prevent calcium and vitamin D deficiencies, supporting bone health and calcium absorption.

- Therapeutic Class: Bioflavonoids
- **Grammage**: Tablets: 300 mg
- **Explanation**: Diosmin is used to treat venous insufficiency, hemorrhoids, and other circulation-related disorders by strengthening the walls of blood vessels.

HEPARIN CALCIUM

- Therapeutic Class: Parenteral anticoagulants
- Grammage: Injection: 12,500 units/0.5 mL
- **Explanation**: Heparin is an anticoagulant used to prevent blood clots in conditions such as deep vein thrombosis, pulmonary embolism, and during surgeries.

FERRO GLUCONATE

- **Therapeutic Class**: Antianemics
- **Grammage**: Tablets (effervescent): 695 mg ferrous gluconate (equivalent to 80 mg Fe++)
- **Explanation**: Ferro gluconate is used to treat iron-deficiency anemia by replenishing iron stores in the body to promote the production of red blood cells.

BECLOMETHASONE DIPROPIONATE

- Therapeutic Class: Corticosteroids
- **Grammage**: Enemas: 3 mg rectal foam, 1 bottle + 14 rectal cannulae
- **Explanation**: Beclomethasone is a corticosteroid used for its anti-inflammatory effects in the treatment of conditions like ulcerative colitis.

CYANOCOBALAMIN (Vitamin B12)

- Therapeutic Class: Vitamin supplements
- **Grammage**: Injection: 5000 mcg, 2 mL amp
- **Explanation**: Cyanocobalamin is used for the treatment of vitamin B12 deficiency, often seen in conditions like megaloblastic anemia or pernicious anemia.



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FLUCONAZOLE

- Therapeutic Class: Antimycotic Triazole
- Grammage: Capsules: 100 mg, 150 mg, 200 mg
- **Explanation**: Fluconazole is an antifungal medication used to treat infections caused by fungi, including yeast infections, and fungal meningitis.

CICLOPIROX OLAMINE

- Therapeutic Class: Antifungal
- **Grammage**: Capsules: 100 mg, 150 mg
- **Explanation**: Ciclopirox is used to treat fungal infections of the skin, nails, and scalp by inhibiting the growth of fungal cells.

RABEPRAZOLE (as sodium salt)

- Therapeutic Class: Proton pump inhibitors
- Grammage:
 - o Tablets (gastro-resistant): 10 mg, 14 tab-pack
 - o Tablets (gastro-resistant): 10 mg, 28 tab-pack
 - o Tablets (gastro-resistant): 20 mg, 14 tab-pack
 - o Tablets (gastro-resistant): 20 mg, 28 tab-pack
 - o Capsules: 20 mg, 14 cap-pack
- **Explanation**: Rabeprazole is used to treat conditions such as gastroesophageal reflux disease (GERD), stomach ulcers, and Zollinger-Ellison syndrome. It works by reducing stomach acid production through inhibition of the proton pump in the stomach lining.

OMEPRAZOLE

- Therapeutic Class: Proton pump inhibitors
- Grammage:
 - o Capsules: 20 mg, 28 cap-pack
 - Intravenous infusion: powder for infusion solution vial (1 vial pack; 5 vials pack;
 10 vials pack)
- **Explanation**: Omeprazole is a proton pump inhibitor used to treat GERD, stomach ulcers, and acid reflux. It reduces gastric acid production, helping to heal damaged tissue in the esophagus and stomach.

PANTOPRAZOLE

- Therapeutic Class: Proton pump inhibitors
- Grammage:
 - o Capsules: 20 mg, 28 cap-pack
 - o Tablets (film-coated): 20 mg, 14 tab-pack
 - o Tablets (film-coated): 20 mg, 28 tab-pack
 - o Tablets (film-coated): 40 mg, 14 tab-pack
 - o Tablets (film-coated): 40 mg, 28 tab-pack
- **Explanation**: Pantoprazole works similarly to omeprazole by inhibiting gastric acid secretion. It is used to treat ulcers, GERD, and other conditions caused by excess stomach acid.

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CARBOCISTEINE

- **Therapeutic Class:** Mucolytics
- **Grammage:**
- **Explanation**: Carbosisteine is used to treat respiratory conditions where thick mucus is present, such as chronic obstructive pulmonary disease (COPD) and bronchitis. It works by

- - Granules for oral suspension: 300 mg, 30 sachets pack

 - Syrup (paediatric): 20 mg/mL 200 mL bottle
 - Injection and Nebuliser: 300 mg/3 mL solution for injection and nebuliser, 10
- **Explanation**: Acetylcysteine is used to treat conditions involving excessive mucus production, such as cystic fibrosis or chronic obstructive pulmonary disease (COPD). It breaks down the mucus, easing the ability to clear airways.

- - Tablets: 300 mg acetylsalicylic acid + 200 mg paracetamol, 12 tab-pack
- **Explanation**: This combination drug is used for pain relief and to reduce fever. It combines the anti-inflammatory effects of acetylsalicylic acid (aspirin) with the analgesic and antipyretic properties of paracetamol.

PARACETAMOL

- Therapeutic Class: Non-opioid analgesics
- **Grammage:**
 - Tablets: 500 mg
 - Effervescent Tablets: 1000 mg, 12 tab in tube pack
- **Explanation**: Paracetamol is commonly used for pain relief and fever reduction. It is often preferred for its low side-effect profile compared to non-steroidal anti-inflammatory drugs (NSAIDs).

PARACETAMOL AND CODEINE PHOSPHATE

- Therapeutic Class: Non-opioid analgesics
- Grammage:
 - Effervescent Tablets: Co-codamol 30/500 (codeine phosphate 30 mg, paracetamol 500 mg), 16 tab-pack in tube
 - Effervescent Granules: Co-codamol 30/500 (codeine phosphate 30 mg, paracetamol 500 mg), 10 sachets pack
- **Explanation**: This combination of codeine (an opioid) and paracetamol is used for mode pain relief. Codeine enhances the analgesic effect of paracetamol.

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METAMIZOLE SODIUM

- Therapeutic Class: Non-opioid analgesics
- **Grammage:**
 - Oral drops: 500 mg/mL
- Explanation: Metamizole sodium (also known as dipyrone) is used for pain relief and fever reduction, particularly in severe pain conditions such as post-surgery or cancer pain.

LORMETAZEPAM

- **Therapeutic Class**: Hypnotics and sedatives, benzodiazepine derivatives
- **Grammage:**
 - Oral drops, solution: 2.5 mg/mL
 - Tablets (film-coated): 20 mg, 28 tab-pack
- **Explanation**: Lormetazepam is used as a short-term treatment for insomnia. It works by calming the brain, helping patients fall asleep faster and maintain sleep.

CITALOPRAM (as hydrobromide)

- **Therapeutic Class**: Selective serotonin reuptake inhibitors (SSRIs)
- - Tablets (film-coated): 40 mg, 14 tab-pack
 - Oral drops: 40 mg/mL, 15 mL
 - Capsules (hard): 25 mg, 14 cap-pack
- Therapeutic Class: Selection Grammage:

 Tablets (film-coatetion) Oral drops: 40 mg/
 Capsules (hard): 2.
 Explanation: Citalopramic anxiety. It works by increations in the coatetion of the coatetion o **Explanation**: Citalogram is an SSRI antidepressant used for the treatment of depression and anxiety. It works by increasing serotonin levels in the brain, improving mood.

- **Therapeutic Class:** Selective serotonin reuptake inhibitors (SSRIs)
- **Grammage:**
 - Tablets (film-coated): 20 mg, 28 tab-pack
 - Oral drops solution: 20 mg/mL, 15 mL bottle
- **Explanation**: Escitalopram is a more refined version of citalopram, used to treat depression, generalized anxiety disorder, and panic disorders by increasing serotonin activity in the brain.

PREGABALIN

- Therapeutic Class: Antiepileptics
- **Grammage:**
 - Capsule (hard): 75 mg, 56 cap-pack
 - Capsule (hard): 150 mg, 56 cap-pack
- **Explanation**: Pregabalin is used to treat neuropathic pain, generalized anxiety disorder, and as an adjunctive treatment for seizures. It works by binding to calcium channels in the brain to reduce the release of neurotransmitters.



PHABMA 1 HUMANITAS

LEVETIRACETAM

- Therapeutic Class: Antiepileptics
- Grammage:
 - o Tablets (film-coated): 1000 mg, 30 tab-pack
 - o Oral solution: 100 mg/mL, 1 bottle of 300 mL + 1 oral syringe of 10 mL
- **Explanation**: Levetiracetam is an anticonvulsant used to treat seizures in epilepsy. It works by modulating synaptic vesicle protein, reducing neuronal excitability.

LORAZEPAM

- Therapeutic Class: Anxiolytics, benzodiazepine derivatives
- Grammage:
 - o Tablets (film-coated): 1 mg, 20 tab-pack
 - o Tablets (film-coated): 2.5 mg, 20 tab-pack
- **Explanation**: Lorazepam is a benzodiazepine used to relieve anxiety and treat insomnia. It works by enhancing the effects of a neurotransmitter (GABA), calming the brain and nervous system.

MECLOCYCLINE SULFOSALICYLATE (anhydrous)

- Therapeutic Class: Bactericidal antibiotic for skin infections
- Grammage:
 - Ovules: 35 mg, 15 ovules pack
 - o Cream: 1% cream, 30g tube
- **Explanation**: Meclocycline is used for treating bacterial skin infections. It has both antibiotic and anti-inflammatory properties.

FLUOCINOLONE ACETONIDE / MECLOCYCLINE SULFOSALICYLATE

- Therapeutic Class: Treatment of skin infections of bacterial origin
- Grammage:
 - \circ Cream: 1% + 0.025% cream, 30g tube
- **Explanation**: This combination of fluocinolone (a corticosteroid) and mecocycline (an antibiotic) is used to treat inflammatory skin infections, reducing swelling and redness while eliminating bacteria.



FOSFOMYCIN

- Therapeutic Class: Bactericidal antibiotic in urinary tract infections
- Grammage:
 - Sachets for oral solution: 1 sachet (3 g) / pack
 - o Sachets for oral solution: 2 sachets (3 g) / pack
- **Explanation**: Fosfomycin is an antibiotic primarily used to treat uncomplicated urinary tract infections (UTIs), such as cystitis. It works by inhibiting bacterial cell wall synthesis, effectively killing the bacteria causing the infection.

IBUPROFEN (Suspension, Sugar-Free)

- Therapeutic Class: Nonsteroidal Anti-Inflammatory Drug (NSAID)
- Grammage:
 - Suspension (Sugar-Free): 150 mL, 100 mg/5 mL, strawberry flavor
 - o Suspension (Sugar-Free): 150 mL, 100 mg/5 mL, orange flavor
- **Explanation**: Ibuprofen is commonly used for relieving pain, inflammation, and fever. The sugar-free suspension formulation is ideal for individuals who need to avoid sugar, especially children or those with dietary restrictions. It works by inhibiting cyclooxygenase (COX) enzymes that are responsible for pain and inflammation.

IBUPROFEN (Tablets)

- Therapeutic Class: Nonsteroidal Anti-Inflammatory Drug (NSAID)
- **Grammage**: Tablets (film-coated): 600 mg, 30 tab-pack
- **Explanation**: Ibuprofen tablets are used to manage pain and inflammation from conditions such as arthritis, muscle aches, or menstrual pain. As an NSAID, it works by reducing the production of prostaglandins, chemicals that promote inflammation, pain, and fever.

TENOXICAM

- Therapeutic Class: Nonsteroidal Anti-Inflammatory Drug (NSAID)
- **Grammage**: Tablets (film-coated): 20 mg, 30 tab-pack
- **Explanation**: Tenoxicam is an NSAID used to treat pain and inflammation associated with osteoarthritis, rheumatoid arthritis, and other musculoskeletal conditions. It helps reduce swelling, stiffness, and pain by inhibiting COX enzymes involved in the inflammatory process.

NIMESULIDE

- Therapeutic Class: Nonsteroidal Anti-Inflammatory Drug (NSAID)
- Grammage:
 - o Tablets (soluble): 100 mg, 30 tab-pack
 - o Granules: 100 mg/sachet, 30 sachets pack
- **Explanation**: Nimesulide is used for the treatment of acute pain, such as pain following surgery or injuries, and for chronic conditions like osteoarthritis. It provides analgesic and anti-inflammatory effects by inhibiting COX-2, an enzyme associated with pain and inflammation.

KETOPROFEN

- Therapeutic Class: Nonsteroidal Anti-Inflammatory Drug (NSAID)
- Grammage:
 - o Injection: 100 mg/2 mL, 6 ampoules (I.M. use)
- **Explanation**: Ketoprofen is a potent NSAID used for the treatment of pain, inflammation, and swelling in conditions such as osteoarthritis and soft tissue injuries. It can be administered via injection for faster relief, particularly in acute situations.

KETOROLAC TROMETAMOL

- Therapeutic Class: Nonsteroidal Anti-Inflammatory Drug (NSAID)
- Grammage:
 - o Oral drops, solution: 20 mg/mL, 10 mL bottle pack
 - o Injection: 30 mg/mL, 1 mL ampoule (IM/IV use)
- **Explanation**: Ketorolac trometamol is a strong NSAID used for short-term management of moderate to severe pain, typically after surgery. It can be taken orally in drop form or administered via injection, providing rapid analgesic effects by inhibiting COX enzymes involved in pain and inflammation.

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Amoxicillin + Clavulanic Acid

- Molecule: Amoxicillin + Clavulanic Acid
- **Weight**: 875 mg + 125 mg
- **Therapeutic Class**: Antibiotic (Beta-lactam + Beta-lactamase inhibitor)
- Explanation: Amoxicillin is a penicillin-type antibiotic that fights bacteria. Clavulanic acid helps prevent the breakdown of amoxicillin by bacterial enzymes, enhancing its effectiveness against resistant bacteria.

Ciprofloxacin

- Molecule: Ciprofloxacin Weight: 500 mg, 750 mg
- **Therapeutic Class**: Antibiotic (Fluoroquinolone)
- **Explanation**: Ciprofloxacin is used to treat bacterial infections, including urinary tract infections, respiratory tract infections, and skin infections. It works by inhibiting bacterial DNA gyrase, essential for bacterial replication.

- Molecule: Levofloxacin **Weight**: 250 mg, 500 mg
- **Therapeutic Class**: Antibiotic (Fluoroquinolone)
- **Explanation**: Levofloxacin is used to treat bacterial infections such as pneumonia, urinary tract infections, and skin infections. It interferes with bacterial DNA replication, preventing growth and spread of infection.

Clarithromycin

Molecule: Clarithromycin

Weight: 500 mg

Therapeutic Class: Antibiotic (Macrolide)

Explanation: Clarithromycin is effective against a range of bacterial infections, including respiratory infections, skin infections, and Helicobacter pylori infections. It works by inhibiting protein synthesis in bacteria.



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Cefaclor

- **Molecule**: Cefaclor Weight: 750 mg
- **Therapeutic Class**: Antibiotic (Cephalosporin, 2nd generation)
- Explanation: Cefaclor is used to treat various bacterial infections, including respiratory and urinary tract infections. It works by disrupting bacterial cell wall synthesis, leading to cell

Azithromycin Dihydrate

- Molecule: Azithromycin Dihydrate
- Weight: 500 mg
- **Therapeutic Class**: Antibiotic (Macrolide)
- **Explanation**: Azithromycin is used to treat bacterial infections such as respiratory, skin, and sexually transmitted infections. It inhibits bacterial protein synthesis by binding to the bacterial ribosome.

- **Molecule**: Erythromycin
- Weight: 500 mg
- Therapeutic Class: Antibiotic (Macrolide)
- **Explanation**: Erythromycin is used to treat bacterial infections of the respiratory tract, skin, and other areas. It works by interfering with bacterial protein synthesis.

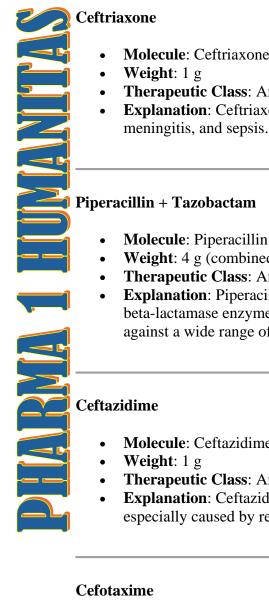
Cefixime

- Molecule: Cefixime
- Weight: 400 mg
- **Therapeutic Class**: Antibiotic (Cephalosporin, 3rd generation)
- **Explanation**: Cefixime is used for treating bacterial infections like those affecting the ears, lungs, and urinary tract. It works by disrupting bacterial cell wall synthesis.

Cefalexin

- **Molecule**: Cefalexin **Weight**: 500 mg, 1 g
- **Therapeutic Class**: Antibiotic (Cephalosporin, 1st generation)
- **Explanation**: Cefalexin is used to treat infections like respiratory tract infections, skin infections, and urinary tract infections. It inhibits bacterial cell wall synthesis, leading to cell lysis.

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Ceftriaxone

Molecule: Ceftriaxone

- **Therapeutic Class**: Antibiotic (Cephalosporin, 3rd generation)
- **Explanation**: Ceftriaxone is used to treat serious bacterial infections, including pneumonia, meningitis, and sepsis. It works by inhibiting bacterial cell wall synthesis.

Molecule: Piperacillin + Tazobactam

Weight: 4 g (combined)

Therapeutic Class: Antibiotic (Penicillin + Beta-lactamase inhibitor)

Explanation: Piperacillin is a broad-spectrum penicillin antibiotic, and tazobactam inhibits beta-lactamase enzymes that bacteria use to resist penicillins. This combination is effective against a wide range of infections.

Molecule: Ceftazidime

Therapeutic Class: Antibiotic (Cephalosporin, 3rd generation)

Explanation: Ceftazidime is used to treat infections like pneumonia and meningitis, especially caused by resistant organisms. It inhibits bacterial cell wall synthesis.

Cefotaxime

Molecule: Cefotaxime

Weight: 1 g

Therapeutic Class: Antibiotic (Cephalosporin, 3rd generation)

Explanation: Cefotaxime is used for a wide variety of bacterial infections, including respiratory, urinary, and skin infections. It acts by inhibiting bacterial cell wall synthesis.

PHARMA 1 HUMANITAS

Amikacin

- Molecule: AmikacinWeight: 500 mg, 1 g
- Therapeutic Class: Antibiotic (Aminoglycoside)
- **Explanation**: Amikacin is used for serious infections caused by gram-negative bacteria, particularly in hospitalized patients. It works by binding to bacterial ribosomes, inhibiting protein synthesis.

Cefazolin

• Molecule: Cefazolin

• Weight: 1 g

• Therapeutic Class: Antibiotic (Cephalosporin, 1st generation)

• **Explanation**: Cefazolin is used to treat infections like skin, respiratory tract, and urinary tract infections. It works by disrupting bacterial cell wall synthesis.

Nimesulide

Molecule: Nimesulide

• **Weight**: 100 mg

• Therapeutic Class: Nonsteroidal Anti-Inflammatory Drug (NSAID)

• **Explanation**: Nimesulide is used to treat pain and inflammation, especially in conditions like osteoarthritis and acute musculoskeletal pain. It inhibits cyclooxygenase (COX), reducing the production of inflammatory prostaglandins.

Diclofenac

Molecule: DiclofenacWeight: 100 mg, 75 mg

• Therapeutic Class: Nonsteroidal Anti-Inflammatory Drug (NSAID)

• **Explanation**: Diclofenac is used to relieve pain, swelling, and inflammation in conditions like arthritis, muscle pain, and dysmenorrhea. It works by inhibiting COX enzymes involved in prostaglandin production.



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Celecoxib

Molecule: Celecoxib Weight: 200 mg

Therapeutic Class: Nonsteroidal Anti-Inflammatory Drug (NSAID)

Explanation: Celecoxib is a selective COX-2 inhibitor used to treat conditions like osteoarthritis and rheumatoid arthritis. It reduces inflammation with a lower risk of gastrointestinal side effects compared to traditional NSAIDs.

Metamizole Sodium

Molecule: Metamizole Sodium

Weight: 500 mg/mL (oral solution)

Therapeutic Class: Non-opioid analgesic

Explanation: Metamizole is used for its analgesic and antipyretic effects, helping to relieve pain and fever. It is often used for acute pain relief and can be administered intravenously, orally, or rectally.

Molecule: Tiocolchicoside

Weight: 4 mg/2 mL (Injection)

Therapeutic Class: Muscle relaxant

Explanation: Tiocolchicoside is used for the treatment of muscle spasms and associated pain. It acts on the central nervous system to relax skeletal muscles.

Methotrexate

Molecule: Methotrexate

Weight: 7.5 mg, 10 mg, 12.5 mg, 15 mg, 17.5 mg, 20 mg, 25 mg

Therapeutic Class: Antimetabolite (Immunosuppressant)

Explanation: Methotrexate is used to treat cancer, autoimmune diseases like rheumatoid arthritis, and psoriasis. It works by inhibiting folate metabolism, which is essential for DNA synthesis.

Alfacalcidol

Molecule: Alfacalcidol

Weight: 1 mcg

Therapeutic Class: Vitamin D analogue





• **Explanation**: Alfacalcidol is used to manage calcium and phosphate metabolism disorders, such as in chronic kidney disease. It is converted to calcitriol, which helps regulate calcium levels in the body.

Alendronic Acid

• Molecule: Alendronic Acid

• Weight: 70 mg

• Therapeutic Class: Bisphosphonate

• **Explanation**: Alendronic acid is used to treat osteoporosis and to prevent bone fractures. It works by inhibiting bone resorption and promoting bone density.

Calcium Carbonate + Vitamin D3

• **Molecule**: Calcium Carbonate + Vitamin D3

Weight: Varies (e.g., 600 mg + 400 IU)

• Therapeutic Class: Calcium and Vitamin D supplement

• **Explanation**: This combination is used to prevent and treat calcium and vitamin D deficiencies, particularly in individuals with osteoporosis or those at risk of fractures.

Miconazole

• Molecule: Miconazole

• **Weight**: 500 mg

• Therapeutic Class: Antifungal (Imidazole)

• **Explanation**: Miconazole is used to treat fungal infections, such as athlete's foot, ringworm, and yeast infections. It works by inhibiting the synthesis of ergosterol, a critical component of the fungal cell membrane.

Fluconazole

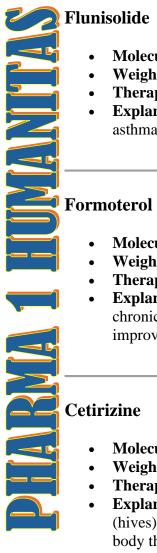
• Molecule: Fluconazole

• **Weight**: 100 mg, 150 mg, 200 mg

• Therapeutic Class: Antifungal (Triazole)

• **Explanation**: Fluconazole is used to treat fungal infections, including vaginal, oral, and systemic infections. It inhibits fungal enzymes involved in ergosterol synthesis, essential for fungal cell membrane integrity.





Flunisolide

- Molecule: Flunisolide
- **Weight**: Varies (e.g., 15 F.LE 0.25 mg, 1 mg)
- Therapeutic Class: Corticosteroid (Inhaled)
- **Explanation**: Flunisolide is a corticosteroid used to treat inflammation in conditions like asthma and allergic rhinitis. It works by reducing inflammation and swelling in the airways.

- **Molecule**: Formoterol
- Weight: 12 mcg
- **Therapeutic Class**: Long-acting beta-agonist (LABA)
- **Explanation**: Formoterol is used in combination with other drugs to manage asthma and chronic obstructive pulmonary disease (COPD). It relaxes the muscles in the airways to improve breathing.

- **Molecule**: Cetirizine
- Weight: 10 mg
- **Therapeutic Class**: Antihistamine (Second-generation)
- **Explanation**: Cetirizine is used to treat allergic conditions such as hay fever, urticaria (hives), and other allergic reactions. It blocks the action of histamine, a substance in the body that causes allergy symptoms.

Salmeterol + Fluticasone

- Molecule: Salmeterol + Fluticasone
- Weight: Salmeterol 25 mcg + Fluticasone 50 mcg, 125 mcg, 250 mcg
- **Therapeutic Class**: Long-acting beta-agonist (LABA) + Corticosteroid
- **Explanation**: This combination is used to manage asthma and COPD. Salmeterol relaxes the airways to improve airflow, while fluticasone reduces inflammation.



N-Acetylcysteine Molecule: Weight: Therapr Explan to clea

Ambroxol Chloride

Molecule: Ambroxol Chloride

Weight: 30 mg (oral), 0.75% (nebulizer)

Therapeutic Class: Mucolytic

Explanation: Ambroxol is used to thin mucus in the airways, making it easier to cough up. It is often used in the treatment of respiratory conditions like bronchitis and chronic obstructive pulmonary disease (COPD).

Molecule: N-Acetylcysteine

Weight: 300 mg / 3 mL (injection)

Therapeutic Class: Mucolytic and Antioxidant

Explanation: N-Acetylcysteine is used to break down mucus in the lungs, making it easier to clear. It is also used as an antidote for acetaminophen (paracetamol) overdose.

Molecule: Bromhexine Weight: 4 mg / 5 mL

Therapeutic Class: Mucolytic

Explanation: Bromhexine helps loosen and clear mucus from the airways. It is used to treat respiratory conditions like bronchitis and asthma.

Clopidogrel

Molecule: Clopidogrel

Weight: 75 mg

Therapeutic Class: Antiplatelet

Explanation: Clopidogrel is used to reduce the risk of heart attacks, strokes, and other heart-related events by preventing blood clots. It works by inhibiting platelet aggregation.

Simvastatin

Molecule: Simvastatin Weight: 20 mg, 40 mg

Therapeutic Class: Statin (HMG-CoA reductase inhibitor)

Explanation: Simvastatin is used to lower cholesterol levels in the blood, reducing the risk of cardiovascular disease. It works by inhibiting an enzyme involved in cholesterol production.

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Nifedipine

- **Molecule**: Nifedipine **Weight**: 30 mg, 60 mg
- Therapeutic Class: Calcium channel blocker
- **Explanation**: Nifedipine is used to treat hypertension and angina (chest pain). It works by relaxing blood vessels, improving blood flow and reducing heart workload.

- Molecule: Amlodipine Weight: 5 mg, 10 mg
- Therapeutic Class: Calcium channel blocker
- **Explanation**: Amlodipine is used to treat high blood pressure and angina. It relaxes and widens blood vessels to improve blood flow and reduce heart strain.

- Molecule: Doxazosin Weight: 2 mg, 4 mg
- Therapeutic Class: Alpha-blocker
- **Explanation**: Doxazosin is used to treat high blood pressure and symptoms of benign prostatic hyperplasia (BPH). It works by relaxing the blood vessels and the muscles in the prostate and bladder.

Atorvastatin

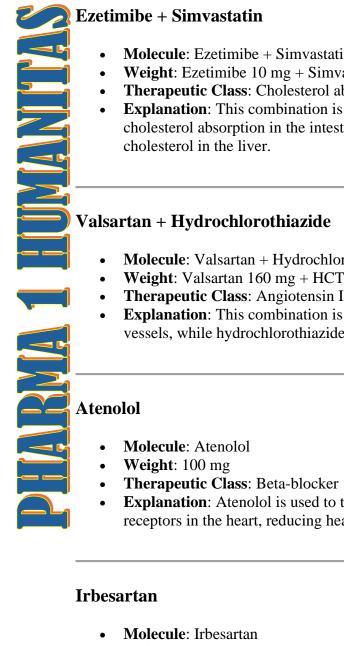
- **Molecule**: Atorvastatin
- **Weight**: 10 mg, 20 mg, 40 mg
- **Therapeutic Class**: Statin (HMG-CoA reductase inhibitor)
- **Explanation**: Atorvastatin is used to lower cholesterol and triglyceride levels in the blood. It helps reduce the risk of heart disease, stroke, and other heart-related conditions.

Ezetimibe

- Molecule: Ezetimibe
- Weight: 10 mg
- Therapeutic Class: Cholesterol absorption inhibitor
- **Explanation**: Ezetimibe works by reducing the absorption of cholesterol in the small intestine, lowering overall cholesterol levels in the blood.

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Ezetimibe + Simvastatin

- **Molecule**: Ezetimibe + Simvastatin
- Weight: Ezetimibe 10 mg + Simvastatin 10 mg, 20 mg, 40 mg
- **Therapeutic Class**: Cholesterol absorption inhibitor + Statin
- **Explanation**: This combination is used to lower cholesterol levels. Ezetimibe reduces cholesterol absorption in the intestines, while simvastatin decreases the production of

- **Molecule**: Valsartan + Hydrochlorothiazide
- Weight: Valsartan 160 mg + HCTZ 12.5 mg, 25 mg
- **Therapeutic Class:** Angiotensin II receptor antagonist + Diuretic
- **Explanation**: This combination is used to treat high blood pressure. Valsartan relaxes blood vessels, while hydrochlorothiazide helps the body get rid of excess salt and water.

Explanation: Atenolol is used to treat hypertension and angina. It works by blocking beta receptors in the heart, reducing heart rate and blood pressure.

Molecule: Irbesartan **Weight**: 150 mg, 300 mg

Therapeutic Class: Angiotensin II receptor blocker (ARB)

Explanation: Irbesartan is used to treat high blood pressure and diabetic nephropathy. It works by blocking the action of angiotensin II, helping to relax blood vessels and lower blood pressure.



PHARMA I HUMANITAS

Rosuvastatin

- Molecule: Rosuvastatin
- **Weight**: 5 mg, 10 mg, 20 mg, 40 mg
- Therapeutic Class: Statin (HMG-CoA reductase inhibitor)
- **Explanation**: Rosuvastatin is used to lower cholesterol levels in the blood, thereby reducing the risk of heart disease and stroke. It works by inhibiting the enzyme responsible for cholesterol production in the liver.

Olmesartan + Amlodipine

- **Molecule**: Olmesartan + Amlodipine
- Weight: Olmesartan 20 mg, 40 mg + Amlodipine 5 mg, 10 mg
- Therapeutic Class: Angiotensin II receptor antagonist + Calcium channel blocker
- **Explanation**: This combination is used to treat high blood pressure. Olmesartan relaxes blood vessels, and amlodipine improves blood flow by relaxing the blood vessels.

Aciclovir

- Molecule: Aciclovir
- **Weight**: 800 mg
- Therapeutic Class: Antiviral (Nucleoside analogue)
- **Explanation**: Aciclovir is used to treat viral infections caused by the herpes simplex virus (e.g., cold sores, genital herpes) and varicella zoster virus (e.g., shingles).

Erythromycin + Fluocinolone

- **Molecule**: Erythromycin + Fluocinolone
- **Weight**: Erythromycin (varies), Fluocinolone (varies)
- Therapeutic Class: Antibiotic + Corticosteroid
- **Explanation**: This combination is used to treat bacterial skin infections while also reducing inflammation and itching caused by the infection.

Famiciclovir

- Molecule: Famiciclovir
- **Weight**: 500 mg
- Therapeutic Class: Antiviral (Nucleoside analogue)
- **Explanation**: Famiciclovir is used to treat viral infections caused by herpes viruses, such as shingles, genital herpes, and cold sores.



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Finasteride

Molecule: Finasteride

Weight: 5 mg

Therapeutic Class: 5-alpha-reductase inhibitor

Explanation: Finasteride is used to treat benign prostatic hyperplasia (BPH) and malepattern baldness by blocking the enzyme that converts testosterone to dihydrotestosterone (DHT), which is involved in the growth of prostate tissue and hair loss.

Molecule: Terazosin Weight: 2 mg, 5 mg

Therapeutic Class: Alpha-blocker

Explanation: Terazosin is used to treat high blood pressure and the symptoms of BPH by relaxing the muscles in the blood vessels and prostate, improving blood flow and reducing urinary retention.

Molecule: Dutasteride

Weight: 0.5 mg

Therapeutic Class: 5-alpha-reductase inhibitor

Explanation: Dutasteride is used to treat benign prostatic hyperplasia (BPH) by inhibiting the enzyme that converts testosterone to dihydrotestosterone (DHT), helping to reduce prostate size.

Tamsulosin

Molecule: Tamsulosin

Weight: 0.4 mg

Therapeutic Class: Alpha-blocker

Explanation: Tamsulosin is used to treat BPH by relaxing the smooth muscles in the prostate and bladder neck, improving urine flow.



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Omeprazole

Molecule: Omeprazole

Weight: 20 mg

Therapeutic Class: Proton pump inhibitor (PPI)

Explanation: Omeprazole is used to reduce stomach acid production, treating conditions like gastroesophageal reflux disease (GERD), stomach ulcers, and Zollinger-Ellison syndrome.

Molecule: Pantoprazole Weight: 20 mg, 40 mg

Therapeutic Class: Proton pump inhibitor (PPI)

Explanation: Pantoprazole is used to decrease stomach acid production, treating acid reflux, ulcers, and other gastrointestinal disorders associated with excessive stomach acid.

Esomeprazole

Molecule: Esomeprazole Weight: 20 mg, 40 mg

Therapeutic Class: Proton pump inhibitor (PPI)

Explanation: Esomeprazole is used to treat conditions such as GERD and stomach ulcers by reducing stomach acid production and promoting healing of the esophagus.

Rabeprazole

Molecule: Rabeprazole Weight: 10 mg, 20 mg

Therapeutic Class: Proton pump inhibitor (PPI)

Explanation: Rabeprazole is used to treat acid reflux, ulcers, and other disorders related to excessive stomach acid by inhibiting acid production in the stomach.

Lansoprazole

Molecule: Lansoprazole **Weight**: 15 mg, 30 mg

Therapeutic Class: Proton pump inhibitor (PPI)

Explanation: Lansoprazole reduces stomach acid production, helping treat conditions like GERD, peptic ulcers, and Zollinger-Ellison syndrome.



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Domperidone

Molecule: Domperidone

Therapeutic Class: Antiemetic (Dopamine antagonist)

Explanation: Domperidone is used to treat nausea and vomiting and to promote gastric motility. It works by blocking dopamine receptors in the brain and gastrointestinal tract.

Molecule: Ursodeoxycholic Acid (UDCA) **Weight**: 150 mg, 225 mg, 300 mg, 450 mg

Therapeutic Class: Bile acid

Explanation: Ursodeoxycholic acid is used to treat liver diseases like primary biliary cirrhosis and to dissolve cholesterol gallstones. It works by reducing the production of cholesterol in the liver and improving liver function.

Molecule: Citalopram

Therapeutic Class: Selective serotonin reuptake inhibitor (SSRI)

Explanation: Citalogram is used to treat depression and anxiety disorders by increasing serotonin levels in the brain, which helps improve mood and reduce symptoms of anxiety.

Molecule: Escitalopram Weight: 10 mg, 20 mg

Therapeutic Class: Selective serotonin reuptake inhibitor (SSRI)

Explanation: Escitalopram is used to treat depression and anxiety disorders. It works by increasing serotonin levels in the brain, which helps regulate mood.

Pregabalin

Molecule: Pregabalin

Weight: 25 mg, 75 mg, 150 mg

Therapeutic Class: Anticonvulsant, Analgesic

Explanation: Pregabalin is used to treat nerve pain, fibromyalgia, and seizures. It works by inhibiting overactive nerve signaling in the brain and spinal cord.



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Sildenafil

- Molecule: Sildenafil
- Weight: 25 mg, 50 mg, 100 mg
- **Therapeutic Class**: Phosphodiesterase type 5 (PDE5) inhibitor
- Explanation: Sildenafil is used to treat erectile dysfunction and pulmonary arterial hypertension. It works by increasing blood flow to the penis during sexual stimulation and relaxing the blood vessels in the lungs.

- Molecule: Tadalafil
- **Weight**: 5 mg, 10 mg, 20 mg
- Therapeutic Class: Phosphodiesterase type 5 (PDE5) inhibitor
- **Explanation**: Tadalafil is used to treat erectile dysfunction and symptoms of BPH. It works by relaxing blood vessels, which increases blood flow to the penis and improves erectile function.

- Molecule: Folic Acid
- Weight: 5 mg
- Therapeutic Class: Vitamin supplement
- **Explanation**: Folic acid is used to prevent or treat foliate deficiency and is especially important during pregnancy to prevent neural tube defects in the developing fetus. It also supports healthy red blood cell formation.

- ➤ Sitagliptin + Metformin Antidiabetic (DPP-4 Inhibitor + Biguanide) 50 mg/500 mg 56 Tablets
- Sitagliptin + Metformin Antidiabetic (DPP-4 Inhibitor + Biguanide) 50 mg/1000 mg
 56 Tablets
- Sitagliptin + Metformin Antidiabetic (DPP-4 Inhibitor + Biguanide) 100 mg/1000 mg 56 Tablets
- ➤ Flecainide Antiarrhythmic (Class 1c) 50 mg 30 Controlled-release Tablets
- ► Flecainide Antiarrhythmic (Class 1c) 100 mg 30 Controlled-release Tablets
- ► Flecainide Antiarrhythmic (Class 1c) 150 mg 30 Controlled-release Tablets
- ➤ Flecainide Antiarrhythmic (Class 1c) 200 mg 30 Controlled-release Tablets
- ➤ **Pirfenidone** Antifibrotic 267 mg Tablets
- ➤ **Pirfenidone** Antifibrotic 801 mg Tablets
- ➤ Thiocolchicoside + Paracetamol Muscle Relaxant + Analgesic 2 mg/500 mg 30 Tablets
- ➤ Metoprolol Beta-blocker 100 mg 30 Tablets
- ➤ Metoprolol Beta-blocker 200 mg 30 Tablets
- Ramipril + Amlodipine + Atorvastatin Antihypertensive + Lipid-lowering 5 Different Dosages – 28 Tablets
- ► Alendronate Bisphosphonate (Osteoporosis) 70 mg Vials (Drinkable)
- Calcifediol Vitamin D Analogue Oral Drops
- ➤ **Dexibuprofen** Nonsteroidal Anti-inflammatory Drug (NSAID) 400 mg 30 Tablets
- ► Dexibuprofen Nonsteroidal Anti-inflammatory Drug (NSAID) 400 mg 30 Sachets
 - Furosemide Diuretic 40 mg 20 Tablets
 - Furosemide Diuretic 40 mg/4 ml Injection (2 ml)
 - Rivastigmine Cholinesterase Inhibitor 1.5 mg 28 Capsules
 - Rivastigmine Cholinesterase Inhibitor 3 mg 28 Capsules
 - Rosuvastatin Statin 10 mg 30 Tablets
 - Rosuvastatin Statin 20 mg 30 Tablets
 - Simvastatin Statin 10 mg 30 Tablets
 - Simvastatin Statin 20 mg 30 Tablets
 - Simvastatin Statin 40 mg 30 Tablets
 - Simvastatin Statin 80 mg 30 Tablets
 - Spironolactone Potassium-Sparing Diuretic 25 mg 30 Tablets
 - Spironolactone Potassium-Sparing Diuretic 50 mg 30 Tablets
 - Telmisartan Angiotensin II Receptor Blocker (ARB) 40 mg 28 Tablets
 - Telmisartan Angiotensin II Receptor Blocker (ARB) 80 mg 28 Tablets
 - Tramadol Opioid Analgesic 50 mg 20 Tablets
 - Trazodone Antidepressant 50 mg 20 Tablets
 - Trazodone Antidepressant 100 mg 20 Tablets
 - Warfarin Anticoagulant (Vitamin K Antagonist) 5 mg 20 Tablets
 - Zolpidem Hypnotic (Sedative) 10 mg 20 Tablets
 - Zolpidem Hypnotic (Sedative) 5 mg 20 Tablets
 - Gliclazide Antidiabetic (Sulfonylurea) 80 mg 30 Tablets
 - Gliclazide Antidiabetic (Sulfonylurea) 40 mg 30 Tablets

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- Hydroxychloroquine Antimalarial/Immunosuppressant 200 mg 30 Tablets
- Ibuprofen Nonsteroidal Anti-inflammatory Drug (NSAID) 200 mg 20 Tablets
- Ibuprofen Nonsteroidal Anti-inflammatory Drug (NSAID) 400 mg 20 Tablets
- Indapamide Diuretic 2.5 mg 30 Tablets
- Isoniazid Antitubercular 300 mg 30 Tablets
- Labetalol Beta-blocker/Alpha-blocker 100 mg 28 Tablets
- Labetalol Beta-blocker/Alpha-blocker 200 mg 28 Tablets
- Lansoprazole Proton Pump Inhibitor (PPI) 30 mg 14 Capsules
- Lansoprazole Proton Pump Inhibitor (PPI) 15 mg 14 Capsules
- Latanoprost Antiglaucoma (Prostaglandin Analog) 0.005% 2.5 ml (Eye Drops)
- Levocetirizine Antihistamine 5 mg 20 Tablets
- Levofloxacin Antibiotic (Fluoroquinolone) 500 mg 10 Tablets
- Levothyroxine Thyroid Hormone 100 mcg 30 Tablets
- Loratadine Antihistamine 10 mg 20 Tablets
- Losartan Angiotensin II Receptor Blocker (ARB) 50 mg 28 Tablets
- Losartan Angiotensin II Receptor Blocker (ARB) 100 mg 28 Tablets
- Losartan/HCTZ ARB + Diuretic 50 mg/12.5 mg 28 Tablets
- Losartan/HCTZ ARB + Diuretic 100 mg/25 mg 28 Tablets
- Mebendazole Anthelmintic 100 mg 10 Chewable Tablets
- Meloxicam Nonsteroidal Anti-inflammatory Drug (NSAID) 15 mg 20 Tablets
- Metformin Antidiabetic (Biguanide) 500 mg 30 Tablets
- Metformin Antidiabetic (Biguanide) 850 mg 30 Tablets
- Methotrexate Antimetabolite/Immunosuppressant 2.5 mg 20 Tablets
- Metoclopramide Antiemetic/Prokinetic 10 mg 20 Tablets
- Metoprolol Beta-blocker 50 mg 28 Tablets
- Metoprolol Beta-blocker 100 mg 28 Tablets
- Miconazole Antifungal 2% 20 g (Cream)
- Miconazole Antifungal 2% 15 g (Oral Gel)
- Mirtazapine Antidepressant 15 mg 28 Tablets
- Mirtazapine Antidepressant 30 mg 28 Tablets
- Naproxen Nonsteroidal Anti-inflammatory Drug (NSAID) 250 mg 20 Tablets



- Naproxen Nonsteroidal Anti-inflammatory Drug (NSAID) 500 mg 20 Tablets
- Neostigmine Acetylcholinesterase Inhibitor 15 mg/1 ml Injection (1 ml)
- Nifedipine Calcium Channel Blocker 10 mg 20 Tablets
- Nifedipine Calcium Channel Blocker 20 mg (Extended-release) 20 Tablets
- Olmesartan Angiotensin II Receptor Blocker (ARB) 20 mg 28 Tablets
- Olmesartan Angiotensin II Receptor Blocker (ARB) 40 mg 28 Tablets
- Omeprazole Proton Pump Inhibitor (PPI) 20 mg 14 Capsules
- Pantoprazole Proton Pump Inhibitor (PPI) 20 mg 14 Tablets
- Pantoprazole Proton Pump Inhibitor (PPI) 40 mg 14 Tablets
- Paracetamol Analgesic/Antipyretic 500 mg 20 Tablets
- Paracetamol Analgesic/Antipyretic 1000 mg 20 Tablets
- Perindopril Angiotensin-Converting Enzyme (ACE) Inhibitor 4 mg 28 Tablets
- Perindopril Angiotensin-Converting Enzyme (ACE) Inhibitor 8 mg 28 Tablets
- Pioglitazone Antidiabetic (Thiazolidinedione) 15 mg 30 Tablets
- Pioglitazone Antidiabetic (Thiazolidinedione) 30 mg 30 Tablets
- Prednisolone Corticosteroid 5 mg 20 Tablets
- Prednisolone Corticosteroid 10 mg 20 Tablets
- Propranolol Beta-blocker 40 mg 20 Tablets
- Ranitidine H2 Antagonist 150 mg 20 Tablets
- Medicines for Anticoagulant (Factor Xa Inhibitor) 10 mg 28 Tablets



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