

# Essential Drugs Knowledge

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## Analgesics

Class of Drug	Generic drug name	Examples of common trade drug ®
Non-opioid analgesics	Aspirin	
	Paracetamol	
	Non-selective NSAIDS	Neurofen
	Selective COX-2 inhibitors	
Opioid analgesics	Morphine	
	Diamorphine	
	Pethidine	

## Psychoactive drugs

### Anxiolytic drugs

GABA	Benzodiazepines	Diazepam
		Tamazepam
		Nitrazepam
5-HT	Buspirone	Buspirone hydrochloride
B-adrenoceptor	Propranolol	

### Hypnotic drugs

	Benzodiazepines	Zopiclone, Zolpidem, Clomethiazole, chloral hydrate

## Antipsychotic drugs

Class of Drug	Generic drug name	Examples of common trade drug
Typical neuroleptics	Phenothiazines	Chlorpromazine, largactil
	Piperadine side chains	Thioridazine
	Piperazine sde chains	Fluphenazine,
	Butyrophenones	Haloperidol
Atypical neuroleptics	Clozapine	
	Risperidone	
	Thioridazone	
	Sulpiride	

## Antidepressant drugs

Tricyclic antidepressants	Amitryptaline hydrochloride	Tryptaphen
	Amoxapine	Assendis
Monoamine oxidase inhibitors	Phenelzine	Nardil
	Moclobemide	Manerix
Selective serotonin reuptake inhibitors	Fluoxetine	Prozac
	Paroxetine	Seroxat
	Sertaline	Lustral
Other antidepressants	Lithium	
	Nomifensine	

## Anticonvulsant drugs

	Sodium valproate	Epilim
	Carbamazepine	Tegretol
	Phenytoin	Epanutin
	Lamotrigine	Lamictal
	Pheonobarbitone	
	Gabapentin	Neurontin
	Benzodiazepines	Clobazam, Clonazepam

## Cardiovascular drugs (part-1)

Class of Drug	Generic drug name	Examples of common trade drug
<b>Cardioactive Glycosides</b>	Digoxin	Lanoxin®
<b>Loop diuretics</b>	Furosemide (frusemide)	Lasix®
	Bumetanide	Burinex®
<b>Potassium-sparing diuretics</b>	Amiloride hydrochloride	
	Spironolactone (Aldosterone antagonist)	Aldactone®
<b>Thiazide diuretics</b>	Bendroflumethiazide (Bendrofluazide)	Aprinox
	Chlortalidone	Hygroton®
<b>Beta-adrenoceptor blocking drugs</b>	Propranolol hydrochloride	Inderal® Inderex®
	Atenolol	Tenormin®
	Bisoprolol	Cardicor®
		Continued...

## Cardiovascular drugs (Part-2)

Class of Drug	Generic drug name	Examples of common trade drug
<b>Angiotensin-converting enzyme inhibitors</b>	Captopril	Capoten ®
	Enalapril	Innovace ®, Vasotec ®
<b>Angiotensin-II receptor antagonists</b>	Losartan potassium	Cozaar ®
<b>Nitrates</b>	Glyceryl trinitrate	Glytrin spray ® Coro-Nitro
	Isosorbide dinitrate	
<b>Calcium-channel blockers</b>	Verapamil hydrochloride	Cordilox ®
	Nifedipine	Adalat ®
	Diltiazem	Tildiem ®
<b>Anticoagulants</b>	Warfarin	
<b>Antiplatelet</b>	Aspirin	Caprin® , Nu-Seals ®

## LIPID LOWERING DRUGS

<b>HMG CoA Reductase Inhibitors</b>	Simvastatin	Zocor ®
	Atorvastatin	Lipitor®
<b>Fibrates</b>	Bezafibrate	Bezalip ®
	Gemfibrozil	Lopid ®
<b>Bile-acid-binding resins</b>	(Colestyramine) Cholestyramine	Questran ®

# Gastrointestinal Drugs

Class of Drug	Generic drug name	Examples of common trade drug
<b>Antacids</b>	Aluminium hydroxide	
	Magnesium carbonate	
	Magnesium trisilicate	
<b>Antimuscarinics/ antiemetics</b>	Atropine sulphate	
	Hyoscine butylbromide	
<b>Anti-motility</b>	Loperamide	Imodium®
	Morphine	
	Codeine phosphate	
<b>Motility stimulants</b>	Metoclopramide	
	Domperidone	Motilium®
<b>Laxatives</b>	Ispaghula husk	Isogel®
	Docusate sodium	Diocetyl®
	Macrogols (Polyethylene glycol 3350/4000)	
	Lactulose	
	Senna	
<b>H2 receptor antagonists</b>	Cimetidine	Tagamet ®
	Famotidine	Pepcid ®
	Ranitidine	Zantac ®
<b>Proton pump inhibitors</b>	Omeprazole	Losec ®
	Lansoprazole	Zoton ®
<b>Aminosalicylates</b>	Mesalazine	Pentasa, Asacol ®
	Sulfasalazine	Salazopyrin ®
<b>Corticosteroids</b>	Hydrocortisone	
	Prednisolone	

# Respiratory Drugs

Class of Drug	Generic drug name	Examples of common trade drug
<b>B2-Adrenoceptor agonists</b>	Salbutamol	Ventmax ® Ventolin ®
	Terbutaline sulphate	Bricanyl ®
	Salmeterol	Serevent ®
	Ephedrine hydrochloride	
<b>Antimuscarinic bronchodilators</b>	Ipratropium bromide	Atrovent ®
<b>Xanthines</b>	Theophylline	Nuelin ®
	Aminophylline	Phyllocontin ®
<b>Corticosteroids</b>	Beclometasone dipropionate	Becotide ®
	Budesonide	Pulmicort ®
<b>Cromoglicates</b>	Sodium cromoglicate	Intal ® Aerocrom ®
<b>Non-sedating antihistamines</b>	Acrivastin	Semprex ®
	Cetirizine hydrochloride	Zirtek ®
	Loratodine	Claritine ®
<b>Sedating antihistamine</b>	Chlorphenamine maleate	Piriton ®
	Promethazine hydrochloride	Phenergan ®
<b>Corticosteroids</b>	Prednisolone, Beclomethasone	Becotide, Budesonide
<b>Mucolytics</b>	Carbocisteine	

## Musculoskeletal Drugs

Class of Drug	Generic drug name	Examples of common trade drug
<b>Non-steroidal anti-inflammatory drugs</b>	Ibuprofen	Brufen ® Nurofen ®
	Diclofenac sodium	Voltrazol ®
	Indometacin	
	Mefenamic acid	Ponstan
	Etoricoxib	Arcoxia
<b>Anti-rheumatic drugs</b>	Penicillamine	Distamine ®
	Sulfasalazine	Salazopyrin
	Sodium aurothiomalate (Gold)	Myocrisin
<b>Antimalarials</b>	Chloroquine	
	Hydroxychloroquine	Plaquenil ®
<b>Corticosteroids</b>	Prednisolone	Orapred, PEDIAPRED, Prelone
<b>Immunosuppressants</b>	Azathioprine	Imuran
	Ciclosporin	Deximune
	Methotrexate	
<b>Bisphosphonates</b>	Aledronic acid	Fosamax, fosavance
	Disodium edidronate	Didronel
<b>Calcitonin</b>	Calcitonin / salcatonin	Miacalcic



## Skin Preparations

Class of Drug	Generic drug name	Examples of common trade drug
	Icthammol Ointment, BP	
	Flexible Collodion, BP	
Dusting powders	Talc	
	Starch	
Emollients & Barriers	Zinc Cream, BP	
	Zinc Ointment, BP	
	Aqueous Cream, BP, Emulsifying emollient BP, White soft paraffin BP	E45®, Diprobase®
		Bepanthen®
Topical local anaethetics	Calamine (cream, lotion or oily lotion)	
	Lidocaine, prilocaine	Emla®
Immune response modifier	imiquimod	Aldara®
Topical antihistamines	Mepyramine	Anthisan®
	diphenylhydramine	Benadryl Allergy Relief®
Topical corticosteroids	Hydrocortisone	Daktacort®, Actinac®
	Prednisolone	
Retinoids	Tretinoin	Retin-A®
	Isotretinoin	Isotrex®
Antibacterials (topical)	Neomycin sulphate	Cicatrin®
	Fusidic acid	Fucidine®
Antibacterial & keratolytic	Benzoyl peroxide	PanOxyl®
Antifungals (topical)	Clotrimazole	Canesten®
	Miconazole	Daktarin®
Antivirals (topical)	Acyclovir	Zovirax®

## Ear, Nose, throat, eyes

Class of Drug	Generic drug name	Examples of common trade drug
<b>Antibiotic</b>	Chloramphenicol	Chloromycetin ®
<b>Mast cell stabilizer</b>	Sodium Cromoglycate	Hay-Crom, Opticron, Novex ®
<b>Antiviral</b>	Acyclovir	Zovirax ®
<b>Corticosteroids</b>	Batamethosone	Betnesol ®
	Beclomethasone	Beconase ®
<b>Anti-inflammatory / anti-histamine</b>	Antazolin	Otrivine ®
<b>Miotics</b>	Carbachol	Isopto carbachol ®
	Physostigmine	Isopto Carpine ®
	Pilocarpine	
<b>Antihistmine (nasal)</b>	Azelastine	Rhinolast ®
<b>Decongestant (nasal)</b>	Ephedrine	
	Phenylephrine	
<b>Decongestant</b>	Pseudoephedrine	

## Endocrine, Genitourinary and drugs for infectious diseases

Class of Drug	Generic drug name	Examples of common trade drug
<b>Hypoglaecaemic drugs</b>		
Sulphonylureas	Glibenclamide	
	Tolbutamide	
Biguanides	metformin	
Thiazolidinediones	Troglitazone	
	ciglitazone	
<b>Antithyroid drugs</b>		
Thionamides	Carbimazole	
	Propylthiouracil	
<b>Oral contraceptives</b>	Ethinylestradiol + Levonorgestrel	Microgynon, Ovranette
	Co-Cyprindiol (Ethinylestradiol + cyproterone acetate)	Dianette, Brenda
	Levonorgesterel	Mirena
<b>HRT</b>	Conjugated oestrogens	Premarin,
	Oestradiol only	Fematrix
	Conjugated oestrogens with norgesterol	Prempak-C, Premique
	Oestradiol with dyhydrogesterone	Femapak
	Tibilone	Livial
		<b>Continued...</b>

<b>Endocrine, Genitourinary and drugs for infectious diseases (part-2)</b>		
	Medroxy-progesterone acetate	Provera
		Climanor
	Levonorgestrel	Mirena
Anti-oestrogens	Clomifene	Clomid
	Raloxifene	Evista
GnRH analogues	Buserelin	Suprecur
	Goserelin	
Aromatase inhibitors	Anastrozole	Arimidex
	Letrozole	Femara
Anti-Androgens	Finasteride	Proscar
	Dutasteride	Avodart

<b>Anti-microbial drugs</b>	Ampicillin	
	Amoxicillin	
	Cephalosporins	
	Tetracyclines	
<b>Antifungal drugs</b>		
Imidazoles	Clotrimazole	
	Miconazole	
Triazoles	Fluconazole	

## Antiretroviral drugs (BNF: Section 5.3: Antviral drugs: Human immunodeficiency virus)

Class of Drug	Generic drug name	Examples of common trade drug
<b>Combination NRTI's</b> (Nucleoside/nucleotide reverse transcriptase inhibitors)	<b>Recommended:</b>	<b>Recommended:</b>
	tenofovir + FTC	Truvada
	abacavir + 3TC	Kivexa
	<b>Alternative:</b>	<b>Alternative:</b>
	AZT+3TC	Combivir
	abacavir+AZT+3TC	Trizivir
<b>Single NRTI's</b>	<b>Recommended:</b>	<b>Recommended:</b>
	abacavir	Ziagen
	tenofovir	Viread
	3TC (lamivudine)	Epivir
	FTC (emtricitabine)	Emtriva
	<b>Alternative:</b>	<b>Alternative:</b>
	AZT	Zidovudine
	ddl (didanosine)	Videx
	d4T (stavudine)	Zerit
<b>NNRTI's</b> (Non-nucleoside/nucleotide reverse transcriptase inhibitors)	<b>Recommended:</b>	<b>Recommended:</b>
	efavirenz	Sustiva, Stocrin
	<b>Alternative:</b>	<b>Alternative:</b>
	nevirapine	Viramune

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## Antiretroviral drugs (BNF: Section 5.3: Antviral drugs: Human immunodeficiency virus) Part-2

Class of Drug	Generic drug name	Examples of common trade drug
<b>PIs</b> (Protease inhibitors)	<b>Recommended:</b>	<b>Recommended:</b>
	lopinavir&r	Kaletra
	fosamprenavir&r	Telzir
	<b>Alternative:</b>	<b>Alternative:</b>
	atazanavir&r	Reyataz
	saquinavir&r	Invrase
	darunavir&r *	Prezista *
	tipranavir&r *	Aptivus *
	nelfinavir	Viracep
<b>EIs</b> (Entry inhibitors)	<b>Recommended:</b>	<b>Recommended:</b>
	none currently in first line	none currently in first line
	<b>Available:</b>	<b>Available:</b>
	T-20 *	Fuzeon *
	maraviroc*	Celsentri *
<b>INIs</b> (Integrase inhibitors)	<b>Recommended:</b>	<b>Recommended:</b>
	none currently in first line	none currently in first line
	<b>Available:</b>	<b>Available:</b>
	raltegravir *	Isentress *
	* Currently recommended for people with drug resistance. "drugname&r" = ritonavir boosted drug	