

Medication Knowledge Base for RAG Application (1–100)

No.	Generic Name	Abbrev.	Common Names / Brands	Drug Class	Used For (User-Friendly)	Common Side Effects	Major Interaction Warning
1	Paracetamol (Acetaminophen)	APAP	Panadol, Tylenol	Analgesic	Reduces fever and relieves mild to moderate pain	Nausea, liver strain	Avoid alcohol overdose
2	Ibuprofen	IBU	Brufen, Advil	NSAID	Relieves pain and swelling	Stomach irritation	Avoid other NSAIDs
3	Aspirin	ASA	Disprin	NSAID / Antiplatelet	Pain relief and blood clot prevention	Stomach bleeding	Avoid blood thinners
4	Amoxicillin	AMX	Amoxil	Antibiotic	Treats bacterial infections	Diarrhea, rash	Penicillin allergy
5	Azithromycin	AZM	Zithromax	Antibiotic	Treats chest infections	Nausea	Heart rhythm drugs
6	Metformin	MET	Glucophage	Antidiabetic	Controls blood sugar	Stomach upset	Avoid excess alcohol
7	Omeprazole	OMP	Losec	PPI	Treats acid reflux	Headache	Reduced drug absorption
8	Atorvastatin	ATV	Lipitor	Statin	Lowers cholesterol	Muscle pain	Avoid grapefruit
9	Simvastatin	SIM	Zocor	Statin	Lowers cholesterol	Weakness	Antibiotic interaction
10	Losartan	LOS	Cozaar	ARB	Lowers blood pressure	Dizziness	Avoid potassium
11	Amlodipine	AML	Norvasc	Calcium Channel Blocker	Treats hypertension	Swollen ankles	BP meds caution
12	Lisinopril	LIS	Zestril	ACE Inhibitor	Controls BP	Dry cough	Avoid potassium salts
13	Hydrochlorothiazide	HCTZ	Microzide	Diuretic	Removes excess fluid	Frequent urination	Electrolyte imbalance
14	Furosemide	FRU	Lasix	Loop Diuretic	Treats swelling	Dehydration	Monitor potassium
15	Salbutamol	SABA	Ventolin	Bronchodilator	Asthma relief	Tremor	Avoid overuse
16	Prednisone	PRED	Deltasone	Steroid	Reduces inflammation	Weight gain	Do not stop suddenly
17	Dexamethasone	DEX	Decadron	Steroid	Severe inflammation	High sugar	Infection risk
18	Insulin	INS	Humulin	Hormone	Controls diabetes	Low sugar	Monitor glucose
19	Ceftriaxone	CRO	Rocephin	Antibiotic	Serious infections	Injection pain	Calcium interaction
20	Ciprofloxacin	CIP	Cipro	Antibiotic	UTI treatment	Tendon pain	Avoid antacids
21	Fluconazole	FLU	Diflucan	Antifungal	Fungal infections	Nausea	Liver risk
22	Metronidazole	MTZ	Flagyl	Antibiotic	Stomach infections	Metallic taste	No alcohol
23	Clotrimazole	CLO	Canesten	Antifungal	Skin infections	Irritation	Minimal interactions
24	Diclofenac	DIC	Voltaren	NSAID	Joint pain relief	Stomach pain	Avoid NSAIDs combo
25	Tramadol	TRM	Ultram	Opioid	Moderate pain	Drowsiness	Avoid alcohol

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26	Morphine	MOR	MS Contin	Opioid	Severe pain	Sleepiness	Respiratory risk
27	Codeine	COD	Codeine Phosphate	Opioid	Pain & cough	Constipation	Avoid sedatives
28	Cetirizine	CTZ	Zyrtec	Antihistamine	Allergy relief	Sleepiness	Alcohol sedation
29	Loratadine	LOR	Claritin	Antihistamine	Allergy relief	Headache	Few interactions
30	Diphenhydramine	DPH	Benadryl	Antihistamine	Allergy & sleep aid	Drowsiness	Avoid driving
31	Pantoprazole	PAN	Protonix	PPI	Acid reflux	Headache	Long-term caution
32	Warfarin	WAR	Coumadin	Anticoagulant	Prevents clots	Bleeding	Many interactions
33	Heparin	HEP	Hep-Lock	Anticoagulant	Clot prevention	Bleeding	Monitor closely
34	Clopidogrel	CLOP	Plavix	Antiplatelet	Prevents stroke	Bruising	Avoid NSAIDs
35	Nitroglycerin	NTG	Nitrostat	Vasodilator	Chest pain relief	Headache	ED meds interaction
36	Propranolol	PRO	Inderal	Beta Blocker	BP & anxiety	Fatigue	Asthma caution
37	Atenolol	ATN	Tenormin	Beta Blocker	Hypertension	Slow pulse	Do not stop suddenly
38	Sertraline	SER	Zoloft	SSRI	Depression	Nausea	MAOI interaction
39	Fluoxetine	FLX	Prozac	SSRI	Depression	Insomnia	Serotonin syndrome
40	Amitriptyline	AMT	Elavil	TCA	Nerve pain	Dry mouth	Avoid alcohol
41	Diazepam	DZP	Valium	Benzodiazepine	Anxiety relief	Sleepiness	Dependence risk
42	Alprazolam	ALP	Xanax	Benzodiazepine	Anxiety	Drowsiness	Avoid alcohol
43	Carbamazepine	CBZ	Tegretol	Anticonvulsant	Seizures	Dizziness	Many interactions
44	Sodium Valproate	VPA	Epilim	Anticonvulsant	Seizures	Weight gain	Pregnancy warning
45	Levothyroxine	LEVO	Synthroid	Hormone	Low thyroid	Palpitations	Empty stomach use
46	Ondansetron	OND	Zofran	Antiemetic	Stops nausea	Headache	QT prolongation
47	Loperamide	LOP	Imodium	Antidiarrheal	Stops diarrhea	Constipation	Avoid overdose
48	ORS	ORS	Dioralyte	Electrolyte	Prevents dehydration	Rare	Generally safe
49	Zinc Sulfate	ZN	Zinc tablets	Supplement	Supports immunity	Nausea	Take after meals
50	Amoxicillin + Clavulanate	AMC	Augmentin	Antibiotic	Resistant infections	Diarrhea	Penicillin allergy
51	Tenofovir	TDF	Viread	ARV (NRTI)	Controls HIV	Kidney effects	Monitor kidneys
52	Lamivudine	3TC	Epivir	ARV (NRTI)	HIV treatment	Headache	Missed dose resistance
53	Efavirenz	EFV	Sustiva	ARV (NNRTI)	Reduces HIV virus	Dizziness	Avoid alcohol

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54	Dolutegravir	DTG	Tivicay	ARV (INSTI)	Stops HIV replication	Insomnia	Antacid interaction
55	Zidovudine	AZT	Retrovir	ARV (NRTI)	HIV therapy	Fatigue	Bone marrow risk
56	Abacavir	ABC	Ziagen	ARV (NRTI)	Combination HIV therapy	Allergic reaction	Screen before use
57	Nevirapine	NVP	Viramune	ARV (NNRTI)	Reduces HIV load	Rash	Liver monitoring
58	Ritonavir	RTV	Norvir	Protease Inhibitor	Boosts ARVs	Nausea	Many interactions
59	Lopinavir/Ritonavir	LPV/r	Kaletra	Protease Inhibitor	HIV combination therapy	Diarrhea	Interaction heavy
60	Emtricitabine	FTC	Emtriva	ARV (NRTI)	Controls HIV	Headache	Resistance risk
61	Doxycycline	DOX	Vibramycin	Antibiotic	Treats acne and infections	Sun sensitivity	Avoid antacids
62	Clarithromycin	CLR	Biaxin	Antibiotic	Respiratory infections	Nausea	Statin interaction
63	Erythromycin	ERY	Erythrocin	Antibiotic	Bacterial infections	Stomach upset	QT prolongation
64	Gentamicin	GEN	Garamycin	Antibiotic	Serious infections	Kidney toxicity	Monitor levels
65	Vancomycin	VAN	Vancocin	Antibiotic	Resistant infections	Flushing	Kidney monitoring
66	Insulin Glargine	GLA	Lantus	Long-acting insulin	Long-term glucose control	Low sugar	Monitor glucose
67	Glimepiride	GLM	Amaryl	Antidiabetic	Lowers blood sugar	Hypoglycemia	Meal timing important
68	Gliclazide	GLZ	Diamicron	Antidiabetic	Controls diabetes	Low sugar	Avoid missed meals
69	Spironolactone	SPI	Aldactone	Diuretic	Heart failure & BP	High potassium	Avoid potassium supplements
70	Enalapril	ENA	Vasotec	ACE Inhibitor	Treats hypertension	Dry cough	Potassium risk
71	Valsartan	VAL	Diovan	ARB	Lowers BP	Dizziness	Avoid potassium
72	Hydralazine	HYD	Apresoline	Vasodilator	Severe hypertension	Headache	Monitor BP
73	Isosorbide Mononitrate	ISMN	Imdur	Nitrate	Prevents chest pain	Headache	Avoid ED meds
74	Escitalopram	ESC	Lexapro	SSRI	Depression & anxiety	Nausea	Serotonin syndrome
75	Venlafaxine	VEN	Effexor	SNRI	Depression	Sweating	Withdrawal risk
76	Quetiapine	QUE	Seroquel	Antipsychotic	Mood disorders	Sleepiness	Weight gain
77	Risperidone	RIS	Risperdal	Antipsychotic	Schizophrenia	Weight gain	Hormone changes
78	Olanzapine	OLA	Zyprexa	Antipsychotic	Psychosis treatment	Weight gain	Metabolic risk
79	Haloperidol	HAL	Haldol	Antipsychotic	Severe agitation	Stiff muscles	Movement disorders
80	Lithium	LIT	Lithobid	Mood stabilizer	Bipolar disorder	Tremor	Monitor blood levels
81	Topiramate	TOP	Topamax	Anticonvulsant	Seizures & migraine	Tingling	Kidney stones

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82	Gabapentin	GAB	Neurontin	Neuropathic agent	Nerve pain	Drowsiness	Sedation risk
83	Pregabalin	PGB	Lyrica	Neuropathic agent	Nerve pain	Dizziness	Avoid alcohol
84	Meloxicam	MEL	Mobic	NSAID	Joint pain	Stomach upset	Avoid NSAIDs combo
85	Celecoxib	CEL	Celebrex	COX-2 inhibitor	Arthritis pain	Heart risk	Avoid heart disease
86	Allopurinol	ALLO	Zyloprim	Anti-gout	Prevents gout attacks	Rash	Kidney caution
87	Colchicine	COL	Colcrys	Anti-gout	Treats gout flare	Diarrhea	Dose toxicity risk
88	Sildenafil	SIL	Viagra	PDE5 inhibitor	Erectile dysfunction	Headache	Avoid nitrates
89	Tamsulosin	TAM	Flomax	Alpha blocker	Improves urine flow	Dizziness	BP drop risk
90	Finasteride	FIN	Proscar	Hormonal	Prostate enlargement	Reduced libido	Pregnancy warning
91	Levofloxacin	LEV	Levaquin	Antibiotic	Respiratory infections	Tendon risk	Avoid steroids
92	Moxifloxacin	MOX	Avelox	Antibiotic	Severe infections	QT prolongation	Heart rhythm risk
93	Rifaximin	RIF	Xifaxan	Antibiotic	Traveler's diarrhea	Nausea	Minimal absorption
94	Budesonide	BUD	Pulmicort	Steroid inhaler	Asthma control	Hoarseness	Rinse mouth
95	Montelukast	MON	Singulair	Leukotriene blocker	Allergy asthma control	Headache	Mood changes
96	Ipratropium	IPR	Atrovent	Bronchodilator	COPD relief	Dry mouth	Avoid overuse
97	Tiotropium	TIO	Spiriva	Bronchodilator	Long-term COPD control	Dry mouth	Inhaler technique
98	Hydrocortisone	HC	Cortef	Steroid	Allergic reactions	Weight gain	Do not stop abruptly
99	Methotrexate	MTX	Trexall	Immunosuppressant	Autoimmune diseases	Nausea	Avoid pregnancy
100	Adalimumab	ADA	Humira	Biologic agent	Autoimmune conditions	Infection risk	Avoid live vaccines