

GENERIC NAME	TRADE NAME	CLASSIFICATION	ACTIONS	INDICATIONS	ADVERSE REACTIONS/ CONTRAINDICATIONS
acetazolamide	(Diamox)	Diuretic	Inhibits Carbonic Anhydrase	<ul style="list-style-type: none"> CHF Drug-induced edema 	<ul style="list-style-type: none"> Metabolic acidosis Electrolyte imbalance
adenosine	Adenocard	Anti-arrhythmic	Slows AV node conduction time	<ul style="list-style-type: none"> Supraventricular dysrhythmia Atrial Fibrillation Atrial Flutter 	<ul style="list-style-type: none"> Severe bradycardia A-V block
aminophylline		Methylxanthine	Phosphodiesterase inhibitor (?)	<ul style="list-style-type: none"> Bronchospasm Apnea of prematurity 	<ul style="list-style-type: none"> Seizures Dysrhythmias
amiodarone	Cordarone	Anti-arrhythmic	Prolongs action potential phase 3	<ul style="list-style-type: none"> PVCs Ventricular tachycardia 	<ul style="list-style-type: none"> Seizures Hypotension Bradycardia
amphotericin B		Anti-Fungal		Fungal Infection	
atracurium	Tracrium	Non-Depolarizing Neuromuscular Blocking Agent	Antagonizes motor endplate acetylcholine receptors	Long-term paralysis	<ul style="list-style-type: none"> Hypotension
atropine		Anticholinergic	Increase heart rate	Symptomatic bradycardia	<ul style="list-style-type: none"> Tachycardia
cisatracurium	Nimbex	Non-Depolarizing Neuromuscular Blocking Agent	Antagonizes motor endplate acetylcholine receptors	Long-term paralysis	<ul style="list-style-type: none"> Hypotension Bradycardia Bronchospasm
codeine		Narcotic	Opioid agonist	Pain	<ul style="list-style-type: none"> Respiratory depression Hypotension

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dexamethasone	(Decadron)	Corticosteroid	Anti-Inflammatory	Inflammatory Disorders	
diazepam	Valium	Benzodiazepine		Anxiety	
digoxin	Lanoxin	Inotrope, negative Chronotrope	β_1 stimulant	<ul style="list-style-type: none"> CHF Atrial Fibrillation Atrial Flutter 	<ul style="list-style-type: none"> Tachycardia
dobutamine	(Dobutrex)	Inotrope	β_1 stimulant	Hypotension	<ul style="list-style-type: none"> Tachycardia Hypertension
dopamine	(Intropin)	Inotrope	α , β_1 , and dopaminergic stimulant	<ul style="list-style-type: none"> Shock 	<ul style="list-style-type: none"> Tachycardia
doxapram	Dopram	Respiratory stimulant		<ul style="list-style-type: none"> Drug-induced CNS depression COPD (?) 	
edrophonium	(Tensilon)	Diagnostic	Reversibly binds to and inactivates acetyl-cholinesterase	<ul style="list-style-type: none"> Myasthenia Gravis evaluation Myasthenia Crisis 	<ul style="list-style-type: none"> Severe cholinergic reaction Respiratory paralysis
epinephrine	Adrenaline	Vasoactive agent	α , β_1 and β_2 stimulant	Cardiac Arrest Hypotension	<ul style="list-style-type: none"> Tachycardia Cardiac Arrest
ethambutol	Myambutol	Anti-Tubercular		Tuberculosis	
fentanyl	Sublimaze	Analgesic		<ul style="list-style-type: none"> Pain Relief Induction of anesthesia 	Respiratory depression

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furosemide	Lasix	Diuretic	Inhibits loop of Henle and proximal and distal tubule sodium and chloride reabsorption.	<ul style="list-style-type: none"> ▪ CHF ▪ Pulmonary Edema 	<ul style="list-style-type: none"> ▪ Hypokalemia ▪ Electrolyte Imbalance ▪ Metabolic Alkalosis ▪ Hypovolemia
haloperidol	(Haldol)	Antipsychotic		ICU psychosis	
hydrocortisone	Cortef	Corticosteroid	Anti-Inflammatory	Inflammatory Disorders	
hydromorphone	Dilaudid	Narcotic		Pain Relief	Respiratory depression
inamrinone	(Amrinone)	Inotrope		CHF	
indomethacin	Indocin	Non-Steroidal Anti-Inflammatory		Patent Ductus Arteriosus	
isoniazid	Nydrazid	Anti-Tubercular		Tuberculosis	
isoproterenol	Isuprel	Vasoactive agent	β_1 and β_2 stimulant	Hypotension	<ul style="list-style-type: none"> • Tachycardia • Increased oxygen demands

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lidocaine	Xylocaine	Anti-arrhythmic and local anesthetic	Depresses action potential phase 0	<ul style="list-style-type: none"> • PVCs • Ventricular tachycardia • Aerosolized prior to bronchoscopy • Topically as nasal spray/jelly prior to intubations • Anesthetize area prior to chest tube insertion, (thoracentesis) 	<ul style="list-style-type: none"> • Seizures • Hypotension • Heart Block
magnesium sulfate		Mineral		<ul style="list-style-type: none"> ▪ Tocolysis ▪ Anti-Arrhythmic for Torsades de Pointes 	
mannitol	Osmitrol	Diuretic	Osmotic diuretic	Increased ICP	<ul style="list-style-type: none"> ▪ Cardiovascular collapse ▪ Seizures
meperidine	Demerol	Narcotic	Opioid agonist	<ul style="list-style-type: none"> • Pain • Pre-operative sedation 	<ul style="list-style-type: none"> • Respiratory depression • Hypotension
methohexital	Brevital	Anesthetic		Anesthesia Induction and Maintenance	

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methylprednisolone	Medrol	Corticosteroid	Anti-Inflammatory	Inflammatory Disorders	
midazolam	(Versed)	Benzodiazepine		Procedural Sedation	Respiratory arrest
morphine sulfate		Narcotic	Opioid agonist	Pain	<ul style="list-style-type: none"> ▪ Respiratory Depression ▪ Apnea ▪ Hypotension
naloxolone	Narcan		Opioid antagonist	Opioid overdose	
neostigmine	Prostigmin		Anticholinesterase	<ul style="list-style-type: none"> ▪ Myasthenia Gravis ▪ Non-depolarizing neuromuscular blockade reversal 	<ul style="list-style-type: none"> ▪ Cholinergic crisis ▪ Bradycardia ▪ Hypotension ▪ Heart block
nitroglycerine	Nitrostat	Anti-hypertensive agent; Vasodilator	Stimulates cGMP production resulting in vascular smooth muscle relaxation	Hypertensive emergency	<ul style="list-style-type: none"> • Severe hypotension
nitroprusside	Nitropress, Nipride	Anti-hypertensive agent; Vasodilator	Directly dilates peripheral vessels	Hypertensive emergency	<ul style="list-style-type: none"> • Severe hypotension • Cyanide toxicity • Methemoglobinemia
norepinephrine	Levophed	Vasopressor	α_1 , and β_1 stimulant	<ul style="list-style-type: none"> • Hypotension 	<ul style="list-style-type: none"> • Tachydysrhythmias
nystatin	Mycostatin	Anti-Fungal		Oral candidiasis	
oxycodone	Percodan	Narcotic		Pain Relief	Respiratory depression

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pancuronium	(Pavulon)	Non-Depolarizing Neuromuscular Blocking Agent	Antagonizes motor endplate acetylcholine receptors	Long-term paralysis	<ul style="list-style-type: none"> • Dysrhythmias • Hypertension
penicillin		Antibiotic	Penicillin	Streptococcal infections	
pentamidine	Pentam	Anti-parasitic		Pneumocystis Carinii Pneumonia	
procainamide	Pronestyl	Anti-arrhythmic	Depresses action potential phase 0	<ul style="list-style-type: none"> • PVCs • Ventricular tachycardia 	<ul style="list-style-type: none"> • Seizures • Hypotension • Bradycardia
propranolol	Inderal	Beta Blocker	β_1 and β_2 antagonist	<ul style="list-style-type: none"> • Hypertension 	<ul style="list-style-type: none"> • CHF • Heart Block • Bradycardia • Bronchospasm
propofol	Diprivan	Hypnotic		<ul style="list-style-type: none"> ▪ Anesthesia Induction and Maintenance ▪ Sedation for mechanically ventilated patients 	
prostaglandin E aka alprostadil		Vasodilator	Relaxes arterial smooth muscles	Patent Ductus Arteriosus	
pyrazinamide		Anti-Tubercular		Tuberculosis	
ribavirin	Virazole	Anti-Viral		Severe RSV	
rifabutin	Mycobutin	Anti-Tubercular		Tuberculosis	

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rifampin	Rimactane, Rifadin	Anti-Tubercular		Tuberculosis	
rifapentine	Priftin	Anti-Tubercular		Tuberculosis	
sodium bicarbonate		Electrolyte		Metabolic Acidosis	Metabolic Alkalosis
streptomycin		Antibiotic	Aminoglycoside	Bacterial infections	
succinylcholine	Anectine	Depolarizing Neuromuscular Blocking Agent	Stimulates motor endplate acetylcholine receptors	Short-term paralysis	<ul style="list-style-type: none"> • Dysrhythmias • Cardiac arrest
thiopental	Pentothal	Anesthetic		Anesthesia Induction and Maintenance	
tobramycin	TOBI	Antibiotic	Aminoglycoside	Cystic Fibrosis	
vancomycin		Antibiotic		Severe bacterial infections	
vecuronium	(Norcuron)	Non-Depolarizing Neuromuscular Blocking Agent	Antagonizes motor endplate acetylcholine receptors	Long-term paralysis	<ul style="list-style-type: none"> • Dysrhythmias • Hypotension • Bradycardia • Bronchospasm
verapamil	Calan, Isoptin	Calcium Channel Blocker	Inhibits calcium ion influx into vascular smooth muscle and myocardium	<ul style="list-style-type: none"> • Supraventricular dysrhythmia • Atrial Fibrillation • Atrial Flutter 	<ul style="list-style-type: none"> • Severe hypotension • A-V block • Severe bradycardia