

Carbonic Anhydrase inhibitor	Acetazolamide	Increase excretion of bicarbonate with Na+, K+ and water	Not used as a diuretic but for glaucoma
ACE inhibitor	Captopril/ramipril	Inhibit Renin-angiotensin aldosterone system, reducing Na+ retention and thus increasing water loss	Not classically included in diuretic category but have powerful & useful diuretic action in heart failure - also good as reduce vasoconstriction to reduce venous return
GI drugs			
Motility affecting drugs	Laxatives	Increase motility	
	Antidiarrhoeal drugs	Decrease motility	
	Parasympathomimetics	Stimulate parasympathetic NS to increase motility	
	Opiates	Reduce motility and gastric emptying	
	Antiemetics	Prevent nausea and vomiting	
Reducing stomach pH	Aluminium Hydroxide	Antacid drug to directly neutralize stomach acid	Peptic ulcers
	Ranitidine	Histamine antagonist acting on H2 receptors to reduce H+ secretion from parietal cells	
	Omeprazole	H+/K+ ATPase antagonist to prevent secretion of H+ from parietal cells into lumen	
Metabolic drugs			
	Insulin Lispro	Rapid onset and short acting thus used before meals	Diabetes type 1
	Sulfonylureas	Stimulates insulin release thus need beta cells to still be producing insulin. Inhibits ATP sensitive K+ channel so build up of K+ in channel, depolarization causes influx of Ca2+ (through VG-Ca2+ channels) and insulin vesicles released	Diabetes type 2
	Statins	Reversible HMG-CoA Reductase inhibitor, which is the rate-limiting enzyme in the production of cholesterol. Thus reduction in de novo synthesis of cholesterol precursors thus lower cholesterol levels upregulates LDL receptors in liver removing LDL from the bloodstream.	Atherosclerosis
Antibiotics			
	Penicillin	Inhibit transpeptidase required for cross-linking of peptidoglycan chains for bacterial cell wall synthesis	Bacterial infection
Pain-killers			
	Aspirin	Irreversibly inhibits cyclooxygenase (COX), preventing prostaglandin synthesis. Prostaglandins do not cause pain themselves, but sensitize nociceptors to pain	Pain

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Page 2 of 2