

## Anti-hypertensives Cheat Sheet by sam219 via cheatography.com/201893/cs/42782/

Excrete Na & CI without K, which				
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may lead to hyperkalemiac- aridac risk.				
Drug design concept originates from anti-bacterial sulfanilamide (weak CAI)				
nide; Spironolactone; hormonal SE; nide; Amiloride: less hormonal SE; nic acid Triametrine				
2. Metadisulfamoyl benz deriv.; Dichlorphenamide, Chloraminophenamide				
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## Osmotic diuretics

Given in high concentrations to increase osmotic pressure in urine and increase its secretion into urine along with water.

## Decreases IOP

- 1. Glycerine/glycerol
- 2. Mannitol: **Taken IV**; Safe on kidney so for renal function diagnosis, acute renal failure or cerebral edema
- 3. Sorbitol (D-glucitol)/Isosorbide

Vasodilators		
Hydralazine HCl	Sodium nitrop- russide	K channel agonists
Best in combination to avoid individual increase in dose leading to unwanted SE.	Indicated for hypert- ensive emerge- ncies (very potent VD)	Diazoxide: IV for emergency BP lowering in hospit- alized pt.
		Minoxidil: for severe HTN and alopecia.

Sympatholytic	
Affects	Affects peripheral nerves:
central	
nerves:	
a-methyl	Reserpine, guanethidine;
dopa	deplete NT store
Clonidine	Prazosin: a1 antagonist
	Propranolol, atenolol: B
	blockers

RAS inhibitors	
ACEI	ARBS
Captopril: thiol gp attaches to Zn of the metalloenzyme and responsible for SE urticaria or rash	Candesartan: Prodrug that gives free acid from hydrolysis of ethyl ester
Gen2 (prodrugs): Lisinopril, Quinapril, Enalapril	Losartan (non-p-eptide imidazole): Orally active, potent, selective to AT1 on angiotensin II receptor.
No thiol gp Long acting ACEI.	Valsartan

