Cheatography

DRUGS FOR HEART FAILURE Cheat Sheet

by ssz44f via cheatography.com/34643/cs/10854/

ACE INHIBITORS

PROTOTYPE DRUG	**lisinopril (Prinivil, Zestril)**

Drug of choice for HF

Reduce afterload

Increases cardiac output

Enhance excretion of sodium and water	- Lowers peripheral resistance and reduces blood volume

PRIMARY USE:	To decrease BP and reduce blood volume; dilate veins
ADVERSE EFFECTS:	- First-dose hypotension - Cough - Hyperkalemia - Renal failure

ANGIOTENSIN II RECEPTOR BLOCKERS (ARBs)

END IN	"-SARTAN"
PROTOTYPE DRUG:	**candesartan (Atacand)**

Actions very similar to ACE inhibitors

Usually used for pts who are unable to tolerate ACE inhibitors

PRIMARY USE:	HTN and HF (for those who can't tolerate ACE inhibiitors)

ADVERSE EFFECTS:

Hypotension
Hyperkalemia

PATIENT TEACHING:	Sodium & potassium restrictions Contraception

DIURETICS

PROTOTYPE DRUG	furosemide (Lasix)

Increase urine flow

Reduce	- blood volume and cardiac workload - Edema and pulmonary congestion

Prescribed in combination with other drugs

PRIMARY USE:	Diuretic
ADVERSE EFFECTS:	- Electrolyte imbalances - Hypovolemia - Orthostatic hypotension

CARDIAC GLYCOSIDES

PROTOTYPE DRUG	digoxin (Lanoxin)

Increase forcec of heartbeat, slow heart rate

Improve cardiac output

Second-line treatment for HF

Narrow therapeutic range

PRIMARY USE:	To increase contractility or strength of myocardial contraction
ADVERSE EFFECTS:	- Neutropenia - Dysrhythmias - Digital toxicity

Beta-Adrenergic Blockers "-olol" (Antagonists)

Beta-Adrenergic Blockers "-olol" (Antagonists) (cont)

ADVERSE EFFECTS:	- Fluid retention - Worsening of HF - Fatigue - Hypote-nsion - Bradycardia - Heart block

PHOSPHODIESTERASE INHIBITORS

PROTOTYPE DRUG	milrinone (Primacor)

Block enzyme phospho diesterase

Increase calcium for myocardial contraction

Cause positive inotropic response and vasodilation

Increase contractility & decrease afterload

Short-term therapy only

PRIMARY USE:	As a short term therapy for HF
ADVERSE EFFECTS:	- Hypokalemia - Hypotension - Ventricular dysrhythmias

DIRECT VASODILATORS

DIRECT VASODILATORS (cont)

- Stopping abruptly can cause rebound HTN
- Flushing
- Reflex tachycardia
- Palpatations
- Lupus-like reaction
- Hypotension

CONTRAINDICATED IN THOSE WITH:

- Tachycardia
- Angina
- Rheumatic heart disease

PROTOTYPE DRUG	metoprolol (Lopressor, Troprol XL)
Slow HR and reduce BP	
(Negative) inotropic effect	
Reduce workload of heart	
PRIMARY USE:	- Reduce symptoms of HF - Slow progre-ssion of disease

PROTOTYPE DRUG:	hydralazine (Apresoline) Sometimes used in combination with isosorbide dinitrate (Isordil)
	.
PRIMARY USE:	
	- Antihyper-tensive - Treatment of hypertensive crisis
ADVERSE EFFECTS:	

Sponsored by **ApolloPad.com**
Everyone has a novel in them. Finish Yours!
https://apollopad.com