### Cheatography

### DRUGS FOR HEART FAILURE Cheat Sheet

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

#### **ACE INHIBITORS**

PROTOTYPE lisinopril
DRUG (Prinivil, Zestril)

Drug of choice for HF

Reduce afterload

Increases cardiac output

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

PRIMARY USE: To decrease BP and reduce blood volume; dilate veins

volume

ADVERSE EFFECTS:

First-dose
 hypotension

- Cough

- Hyperkalemia
- Renal failure

## ANGIOTENSIN II RECEPTOR BLOCKERS (ARBs)

END IN

DRUG:

"-SARTAN"

PROTOTYPE

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 inhibilitors)

#### **ADVERSE EFFECTS:**

Hypotension Hyperkalemia

PATIENT TEACHING: Sodium & potassium restrictions Contraception

#### **DIURETICS**

PROTOTYPE furosemide DRUG (Lasix)

Increase urine flow

Reduce

blood volumeand cardiacworkloadEdema and

congestion

Prescribed in combination with

pulmonary

other drugs

PRIMARY USE: Diuretic

ADVERSE EFFECTS:

- Electrolyte imbalances

- Hypovolemia

- Orthostatic hypotension

#### **CARDIAC GLYCOSIDES**

PROTOTYPE digoxin

DRUG (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** 

- Neutropenia
- EFFECTS:
- Dysrhythmias
- Digital toxicity

Beta-Adrenergic Blockers "-olol" (Antagonists)

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

ADVERSE EFFECTS:

- Fluid retention
- Worsening
- of HF
- FatigueHypote-
- nsion
- Bradycardia
- Heart block

## PHOSPHODIESTERASE INHIBITORS

PROTOTYPE milrinone
DRUG (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
  - mypoterision
  - 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

-66--4

- Reduce

**PRIMARY** 

USE:

HF
- Slow progre-

symptoms of

ssion of disease

PRIMARY USE:

PROTOTYPE

DRUG:

- Antihyper-

hydralazine

(Apresoline)

Sometimes used in combination

with isosorbide

dinitrate

(Isordil)

tensive

- Treatment of hypertensive

crisis

ADVERSE EFFECTS:

By ssz44f cheatography.com/ssz44f/ Not published yet. Last updated 15th June, 2022. Page 1 of 2. Sponsored by **Readable.com**Measure your website readability!
https://readable.com