PROTOTYPE DRUG

lisinopril (Prinivil, Zestril)

NURSE'S ROLE

Monitor CBC

Assess for hypotension

MONITOR FOR:

Impaired kidney function

hyperkalemia

autoimmune disease

PATIENT TEACHING:

Blocks breakdown of bradykinin, thus increased levels of can cause DRY COUGH

Therapeutic response time: Weeks or months

Sodium & potassium restrictions

Don't use with other medications; OTCs, herabls, vitamins

ACE Inhibitors "-olol"

ACE INHIBITORS are the **drug of choice for HF**

Reduce afterload

Increase cardiac output- Enhance excretion of NA+ and water -Lower peripheral resistance and reduce blood volume

PRIMARY USE

Decrease BP & reduce blood volume

Dilates veins

ADVERSE EFFECTS

First dose hypotension

Reduce cardiac output

Cough

Hyperkalemia

Renal Failure

MECHANISM OF ACTION

Blocks conversion of Angiotensin I to Angiotensin II by inhibiting angiotensin-converting enzyme (ACE) in the lungs

Remember Angiotensin II is responsible for constricting arteries and veins by binding to Angiotensin I receptors, thus blocking will lead to dilation of the veins and arterie;

improves blood flow and decreases blood volume

Reduces preload and afterload

Sponsored by **Readable.com**
Measure your website readability!
https://readable.com