ACTIVE LEARNING TEMPLATE: *Medication*

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MEDICATION Sacubitril/valsartan

REVIEW MODULE CHAPTER

CATEGORY CLASS vasodilator/antihypertensive, ARB/neprilysin inhibtor

PURPOSE OF MEDICATION

Expected Pharmacological Action

- inihibits neprilysin causing vasodilation and decrease extracellular fluid volume
- blocks vasoconstrictor effects of angiotensin II

Therapeutic Use

reduction in cardiovascular death and hospitalizations due to HF

Complications

- hypotension
- hyperkalemia
- angioedema
- dizziness

Contraindications/Precautions

- hx of angioedema with ACE inhibitors or ARBs
- severe hepatic impairment
- impared renal impairment
- concurrent use of ACE inhibitors
- pregnancy

Interactions

- NSAIDS; renal dysfunction
- antihypertensives; hypotension
- K-sparing diuretics; hyperkalemia
- increase in lithium levels

Evaluation of Medication Effectiveness

decreased HF related hospitalizations

Medication Administration

PO
49mg/51mg BID
double dose in 2-4wks for goal of 97mg/103mg

Nursing Interventions

- monitor BP
- monitor weight
- assess for signs of fluid overload
- assess for signs of angioedema
- monitor renal function

Client Education

- avoid salt substitutes
- use caution when driving due to dizziness
- take daily weights