

# ACTIVE LEARNING TEMPLATE: Medication

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MEDICATION Hydrochlorothiazide REVIEW MODULE CHAPTER \_\_\_\_\_

CATEGORY CLASS Diuretic (Thiazide)

## PURPOSE OF MEDICATION

### Expected Pharmacological Action

↑ Excretion of sodium & water by inhibiting sodium reabsorption  
Promotes excretion of chloride, potassium, hydrogen, magnesium, phosphate  
→ calcium & bicarbonate

### Therapeutic Use

↓ BP  
↑ Diuresis  
↓ Edema

### Complications

Headache  
Diarrhea  
Nausea  
Dehydration  
Hypotension  
Hyper/Hypo-Kalemia

### Medication Administration

Po: 25-100 mg (Administer in AM)

### Contraindications/Precautions

Renal Impairment  
Hepatic Impairment  
Sensitivity w/ Thiazide & sulfonamide  
Anuria  
Tartaric acid

### Nursing Interventions

Monitor BP  
Monitor electrolytes  
Monitor I&O's  
Monitor Edema  
Monitor for changes in LOC

### Interactions

Alcohol  
Salt substitutes  
Barbiturates  
Corticosteroids  
Other diuretics

### Client Education

Avoid Alcohol  
Avoid salt substitutes  
Report adverse effects to HCP  
Adequate I&O's

### Evaluation of Medication Effectiveness

↓ in BP  
Urinary output  $\geq 30$  mL/hr  
↓ Edema