

## HYDROCHLOROTHIAZIDE

**Class:** Diuretic, Thiazide

**Indications:** Management of mild-to-moderate hypertension; treatment of edema in heart failure and nephrotic syndrome

**Unlabeled :** Treatment of lithium-induced diabetes insipidus

**Available dosage form in the hospital:** 25MG TAB

**Dosage:**

**Edema (diuresis):** 25-100 mg/day in 1-2 doses; maximum: 200 mg/day

**Hypertension:** Oral: 12.5-50 mg/day; minimal increase in response and more electrolyte disturbances are seen with doses >50 mg/day,

### **Geriatric**

Oral: 12.5-25 mg once daily; minimal increase in response and more electrolyte disturbances are seen with doses >50 mg/day.

### **Renal Impairment:**

$Cl_{cr} < 10$  mL/minute: Avoid use. Usually ineffective with GFR <30 mL/minute. Effective at lower GFR in combination with a loop diuretic.

### **Hepatic Impairment:**

No dosage adjustment provided in manufacturer's labeling. Use with caution and monitor for precipitation of hepatic coma.

**Common side effect:** Cardiovascular: Hypotension, orthostatic hypotension

Central nervous system: Dizziness, fever, headache, vertigo. Dermatologic: Alopecia, erythema multiforme, exfoliative dermatitis, photosensitivity, purpura, rash, Stevens-Johnson syndrome, toxic epidermal necrolysis, urticaria. Endocrine & metabolic: Hyperglycemia, hypokalemia, hyperuricemia. Gastrointestinal: Anorexia, constipation, cramping, diarrhea, epigastric distress, gastric irritation, nausea, pancreatitis, sialadenitis, vomiting

**Pregnancy Risk Factor:** B