

LOSARTAN

Class: Angiotensin II Receptor Blocker

Indications: Treatment of hypertension (HTN); treatment of diabetic nephropathy in patients with type 2 diabetes mellitus (noninsulin dependent, NIDDM) and a history of hypertension; stroke risk reduction in patients with HTN and left ventricular hypertrophy (LVH). **Unlabeled :** To slow the rate of progression of aortic-root dilation in pediatric patients with Marfan's syndrome; syndrome; heart failure patients intolerant of ACE inhibitors

Available dosage form in the hospital: 50MG TAB

Dosage:

-Hypertension: Oral: Usual starting dose: 50 mg once daily; can be administered once or twice daily with total daily doses ranging from 25-100 mg

Usual initial doses in patients receiving diuretics or those with intravascular volume depletion: 25 mg once daily

-Nephropathy in patients with type 2 diabetes and hypertension: Oral: Initial: 50 mg once daily; can be increased to 100 mg once daily based on blood pressure response

-Stroke reduction (HTN with LVH): Oral: 50 mg once daily (maximum daily dose: 100 mg); may be used in combination with a thiazide diuretic

-Heart failure (unlabeled use): Initial: 12.5-25 mg once daily; target dose: 150 mg once daily

Renal Impairment:

No dosage adjustment necessary.

Hepatic Impairment:

Reduce the initial dose to 25 mg/day

Common side effect: Cardiovascular: Chest pain (12% diabetic nephropathy)

Central nervous system: Fatigue (14% diabetic nephropathy)

Endocrine: Hypoglycemia (14% diabetic nephropathy) .Gastrointestinal: Diarrhea (2% hypertension to 15% diabetic nephropathy) .Genitourinary: Urinary tract infection (13% diabetic nephropathy)

.Hematologic: Anemia (14% diabetic nephropathy)

Pregnancy Risk Factor: C (1st trimester); D (2nd and 3rd trimesters).