

ACE INHIBITOR COMPARISON CHART*

Prodrug	Enalapril†		Lisinopril†		Benazepril		Captopril		Fosinopril		Quinapril		Ramipril	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Active Moeity	Enalaprilat	Lisinopril	Benazeprilat	Captopril	Fosinoprilat	Quinaprilat	Ramiprilat							
FDA Indications	HTN, CHF, and Asymptomatic LV dysfunction	HTN CHF	HTN	HTN, CHF, and Asymptomatic LV dysfunction, and diabetic neuropathy	HTN CHF	HTN CHF	HTN CHF							
Dosage Forms (mg)	2.5 5 10 20	5 10 20 40	5 10 20 40	12.5 25 50	10 20	5 10 20 40	1.25 2.5 5 10							
Low Dose	2.5mg qd-bid 5mg qd-bid 10mg qd	2.5-10mg qd	5-10mg qd	6.25mg tid 12.5mg tid 25mg bid-tid	10mg qd	2.5-10mg qd	1.25-2.5mg qd							
Moderate Dose	10mg bid 20mg qd	20-40mg qd	20-40mg qd	50mg bid-tid 100mg bid-tid	20-40mg qd	20-40mg qd	5-10mg qd							
Maximum Dose	20mg bid	80mg qd	80mg qd	150mg tid	80mg qd	80mg qd	20mg qd							
Dosing Comments	CHF: begin low and dose BID	May divide dose	May divide dose	CHF: begin low and dose TID	May divide dose	May divide dose	May divide dose							
Absorption	55-75% (Food-No effect)	25% (varies 10-60%, Food-No effect)	32% (Food-no effect)	60-75% (decreased 30% by food)	36% (decreased by antacids)	60% (decr by high fat meals)	60% (food-no effect)							
Protein Binding	50%	Negligible	95%	25-30%	95%	97%	56%							
Onset of Action	1 hour	1 hour	1 hour	0.25-0.5 hours	1 hour	1 hour	1-2 hours							
Peak Effect	4-6 hours	6-8 hours	2-4 hours	1-2 hours	3 hours	2-4 hours	3-6 hours							
Duration of Action	12-24 hours	24 hours	24 hours	6-10 hours	24 hours	24 hours	24 hours							
Half-Life	11 hours	12 hours	10-11 hours	<2 hours	12 hours	25 hours	13-17 hours							
Elimination	94% renal	100% renal	60% renal 40% biliary	50% renal 50% hepatic	50% renal 50% biliary	96% renal	60% renal 40% feces							

Note: All products should be adjusted for patients with a Creatinine Clearance less than 30ml/min.

*Adapted from Robert J. Straka, PharmD, University of MN, College of Pharmacy, 2000.

† Product in stock for Blessings International.