

Switching Ace-inhibitors

http://www.ksdl.kamsc.org.au/dtp/switching_ace_inhibitors.html

Change to →	Enalapril	Quinapril	Ramipril
Change from ↓	(Once daily dosing)	(Once daily dosing)	(Once daily dosing)
Captopril			
Captopril 12.5mg daily	Enalapril 2.5mg ¹	Quinapril 2.5mg	Ramipril 1.25mg
Captopril 25mg daily	Enalapril 5mg ¹	Quinapril 5mg	Ramipril 1.25-2.5mg
Captopril 50mg daily	Enalapril 7.5mg ¹	Quinapril 10mg	Ramipril 2.5-5mg
Captopril 100mg daily	Enalapril 20mg ¹	Quinapril 20mg	Ramipril 5-10mg ²
Captopril 150mg daily	Enalapril 40mg	Quinapril 40mg	Ramipril 10mg
Fosinopril			
Fosinopril 5mg daily	Enalapril 5mg	Quinapril 5mg	Ramipril 1.25mg
Fosinopril 10mg daily	Enalapril 10mg	Quinapril 10mg	Ramipril 2.5mg
Fosinopril 20mg daily	Enalapril 20mg	Quinapril 20mg	Ramipril 5mg
Fosinopril 40mg daily	Enalapril 40mg	Quinapril 40mg	Ramipril 10mg
Lisinopril			
Lisinopril 5mg daily	Enalapril 5mg	Quinapril 5mg	Ramipril 1.25mg
Lisinopril 10mg daily	Enalapril 10mg	Quinapril 10mg	Ramipril 2.5mg
Lisinopril 20mg daily	Enalapril 20mg	Quinapril 20mg	Ramipril 5mg
Lisinopril 40mg	Enalapril 40mg	Quinapril 40mg	Ramipril 10mg
Perindopril			
Perindopril 2mg daily	Enalapril 5-10mg	Quinapril 5-10mg	Ramipril 2.5mg
Perindopril 4mg daily	Enalapril 10mg-20mg	Quinapril 10mg-20mg	Ramipril 5mg
Perindopril 8mg daily	Enalapril 20-40mg	Quinapril 20-40mg	Ramipril 10mg
Trandolapril			
Trandolapril 0.5mg d	Enalapril 5mg	Quinapril 5mg	Ramipril 1.25mg
Trandolapril 1mg daily	Enalapril 10mg	Quinapril 10mg	Ramipril 2.5mg
Trandolapril 2mg daily	Enalapril 20mg	Quinapril 20mg	Ramipril 5mg
Trandolapril 4mg daily	Enalapril 40mg	Quinapril 40mg	Ramipril 10mg

There are few studies comparing equivalent doses of ACE-inhibitors, for specific indications. Therefore, the above recommendations are based on clinical experiences and are not specific for any indication.

1: Doses have been rounded to nearest convenient dose form. A dose equivalency between enalapril:captopril of 1:7.5 is suggested for the treatment of hypertension.

(Micromedex Healthcare series, Vol 119)

2: Ramipril 5-10mg daily is considered equivalent to Captopril 50mg bd for the treatment of hypertension (Micromedex Healthcare series, Vol 119)

Monitoring requirements when switching ACE-inhibitors

- Serum Potassium levels
- Renal function (Creatinine clearance)
- Blood pressure
- Care should be taken in patients on diuretic therapy (monitor for hypotension).

Dosage range for ACE-Inhibitors³

Captopril 12.5 – 150mg daily (in 2 or 3 divided doses)

Enalapril 2.5 – 40mg daily

Fosinopril 5 – 40mg daily

Lisinopril 2.5 – 40mg daily

Perindopril 2 – 8 mg daily

Quinapril 2.5 – 40mg daily

Ramipril 1.25 – 10mg daily

Trandolapril 0.5 – 4mg daily

3: Cardiovascular Therapeutic Guidelines, 2003.

ALWAYS INITIATE THERAPY WITH LOW DOSE