

Table 2: Licensed indications³ and WHO Defined Daily Doses for Hypertension¹¹

ACE Inhibitors (trade name)	Hypertension	Heart failure	Post MI prophylaxis	Post MI prophylaxis with LV failure	Diabetic nephropathy (type 1)	Diabetic nephropathy (type 2)	Cardiovascular risk reduction	WHO Defined Daily Dose	Cost/52 weeks ¹²
Captopril (Capoten)	✓	✓		✓	✓			50mg	£17.81
Cilazapril (Vasace)	✓	✓						2.5mg	£99.32
Enalapril (Innovac)	✓	✓						10mg	£7.02
Fosinopril (Staril)	✓	✓						15mg	£58.50
Imidapril (Tanatril)	✓							10mg	£99.58
Lisinopril (Zestril)	✓	✓	✓		✓	✓		10mg	£9.62
Moexipril (Perdix)	✓							15mg	£113.10
Perindopril (Coversyl)	✓	✓		✓			✓	4mg	£147.68
Quinapril (Accupro)	✓	✓						15mg	£33.35 - 39
Ramipril (Tritace)	✓	✓		✓			✓	2.5mg	£7.80 - 24.83
Trandolapril (Gopten)	✓	✓						2mg	£89.18
Angiotensin II receptor antagonists	Hypertension	Heart failure	Post MI prophylaxis	Post MI prophylaxis with LV failure	Diabetic nephropathy (type 1)	Diabetic nephropathy (type 2)	Cardiovascular risk reduction	WHO Defined Daily Dose	Cost/52 weeks ¹²
Candesartan (Amias)	✓	✓						8mg	£128.57
Eprosartan (Teveten)	✓							600mg	£186.03
Irbesartan (Aprovel)	✓					✓		150mg	£163.41
Losartan (Cozaar)	✓					✓		50mg	£166.40
Olmesartan (Olmetec)	✓							20mg	£168.35
Telmisartan (Micardis)	✓							40mg	£147.42
Valsartan (Diovan)	✓			✓				80mg	£213.72

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Table 1: Dosing (for hypertension) and pharmacokinetic data for ACE inhibitors and AIIAs.

ACE Inhibitors (trade name)	Initial dose ^{3*}	Maintenance low dose ^{3*}	Maintenance high dose ^{3*}	Maximum dose ^{3*}	Time to peak plasma concentration ⁶	Half life ⁶
Captopril (Capoten)	12.5mg bd	25mg bd	50mg bd	50mg tds	Within 60-90 mins	~ 2 hrs
Cilazapril (Vasace)	1mg od	2.5mg od	5mg od	5mg od	Within 2 hrs	9 hrs ¹
Enalapril (Innovac)	5mg od	10mg od	20mg od	40mg od	~ 4 hrs ¹	~ 11 hrs ¹
Fosinopril (Staril)	10mg od	20mg od	40mg od	40mg od	~ 3 hrs	~ 11-13 hrs ¹
Imidapril (Tanatril)	5mg od	10mg od	20mg od	20mg od	3-10 hrs ¹⁷	10-19 hrs ¹⁷
Lisinopril (Zestril)	10mg od	20mg od	40mg od	80mg od	7 hrs	12.6 hrs
Moexipril (Perdix)	7.5mg od	15mg od	30mg od	30mg od	1.5 hrs ⁸	2-10 hrs ¹⁸
Perindopril (Coversyl)	4mg od	4mg od	8mg od	8mg od	3-4 hrs ¹	25 hrs ¹
Quinapril (Accupro)	10mg od	20mg od	40mg od	80mg od	2 hrs ¹	3 hrs ¹
Ramipril (Tritace)	1.25mg od	2.5mg od	5mg od	10mg od	2-4 hrs ¹	13-17 hrs ¹
Trandolapril (Gopten)	0.5mg od	1mg od	2mg od	4mg od	4-6 hrs ¹	16-24 hrs ¹
Angiotensin II receptor antagonists	Initial dose ^{3*}	Maintenance low dose ^{3*}	Maintenance high dose ^{3*}	Maximum dose ^{3*}	Time to peak plasma concentration ⁶	Half life ⁶
Candesartan (Amias)	8mg od	8mg od	16mg od	32mg od	3-4 hrs	~ 9 hrs
Eprosartan (Teveten)	600mg od	600mg od	800mg od	800mg od	1-2 hrs	5-9 hrs
Irbesartan (Aprovel)	150mg od	150mg od	300mg od	300mg od	1.5 - 2 hrs	11-15 hrs
Losartan (Cozaar)	50mg od	50mg od	100mg od	100mg od	3-4 hrs ¹	6-9 hrs ¹
Olmesartan (Olmotec)	10mg od	10mg od	20mg od	40mg od	2 hrs	10-15 hrs
Telmisartan (Micardis)	40mg od	20-40mg	40mg	80mg od	3 hrs	24 hrs ⁹
Valsartan (Diovan)	80mg od	80mg od	160mg od	160mg od	2-4 hrs ¹⁰	6-9 hrs ¹⁰

* - the Summary of Product Characteristics must be consulted for full prescribing details. These doses are for Adults with hypertension without congestive heart failure, renal/hepatic failure or on other antihypertensive agents. Doses are usually increased after 4 wks of initial therapy.

+ - time to peak plasma concentration for active metabolite