

Clinical trials of angiotensin renin system blockade for diabetes type 2 in all type of patients

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1 angiotensin receptor blocker

Trial	Treatments	Patients	Trials design and methods
irbesartan vs placebo			
IDNT (irbesartan vs pbo) , 2001 n=579/569 follow-up: 2.6 years	Irbesartan 300 mg daily versus placebo	hypertensive patients with nephropathy due to type 2 diabetes	Parallel groups double blind Worldwide
IPDM (150mg) , 2001 n=195/201 follow-up: 2 years	irbesartan 150 mg daily versus placebo	hypertensive patients with type 2 diabetes and microalbuminuria	Parallel groups double-blind Worldwide
losartan vs placebo			
RENAAL , 2001 n=751/762 follow-up: 3.4 y	losartan 50 to 100 mg once daily versus placebo	patients with type 2 diabetes and nephropathy	Parallel groups double-blind America, Europe, Asia
olmesartan vs placebo			
ROADMAP , 2010 [NCT00185159] n=2232/2215 follow-up: 3.2 y	olmesartan at 40 mg/day versus placebo	patients with diabetes and at least one additional cardiovascular risk factor, but no evidence of renal dysfunction	Parallel groups double-blind Europe (19 countries)
ORIENT [NCT00141453] n=282/284 follow-up:	olmesartan versus placebo	patients with diabetic Nephropathy and overt proteinuria secondary to type 2 diabetes mellitus	Parallel groups double-blind Japan, Hong Kong
irbesartan vs amlodipine			
IDNT (irbesartan vs amlodipine) , 2001 n=579/567 follow-up: 2.6 years	Irbesartan 300 mg daily versus amlodipine 10 mg daily	hypertensive patients with nephropathy due to type 2 diabetes	Parallel groups double blind Worldwide
valsartan vs amlodipine			
NAGOYA HEART , 2011 <i>unpublished</i> [NCT00129233] n=575/575 follow-up: 3.2 y median	blood-pressure-lowering therapy based on valsartan; blood-pressure goal of <130/80 mm Hg versus blood-pressure-lowering therapy based on amlodipine; blood-pressure goal of <130/80 mm Hg	patients with hypertension with type 2 diabetes or impaired glucose tolerance	Parallel groups open Japan

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NAGOYA HEART, 2011:

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2 angiotensin-converting enzyme inhibitors

Trial	Treatments	Patients	Trials design and methods
captopril or atenolol vs control			
UKPDS 38 , 1998 n=758/390 follow-up: 8.4y (median)	tight control of blood pressure aiming at a BP <150/85 (with the use of captopril or atenolol as main treatment, other treatment were added if the control criteria were not met) versus less tight control aiming at a blood pressure of <180/105 (avoiding treatment with ACE inhibitors or beta-blockers)	hypertensive patients with type 2 diabetes	Parallel groups open UK
ACE inhibitors vs placebo			

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Trial	Treatments	Patients	Trials design and methods
HOPE (diabetic subgroup) , 2000 n=1808/1759 follow-up: 4.5 years	ramipril 10 mg once per day orally versus placebo	patients with diabetes (sub group), aged 55 years or older, who had a previous cardiovascular event or at least one other cardiovascular risk factor, no clinical proteinuria, heart failure, or low ejection fraction	Factorial plan double-blind North, South america, Europe
perindopril and indapamide vs placebo			
ADVANCE , 2007 [NCT00145925] n=NA follow-up:	fixed combination of perindopril and indapamide versus placebo	patients with type 2 diabetes irrespective of initial blood pressure levels or the use of other blood pressure lowering drugs	
captopril vs atenolol			
UKPDS 39 , 1998 n=400/358 follow-up: ND	captopril 25 mg/d aiming at a BP <150/85 versus atenolol 50mg/d aiming at a BP <150/85	hypertensive patients with type 2 diabetes	Parallel groups open UK
ACE inhibitor vs calcium-channel blocker			
STOP-2 (ACEI vs CCB) (diabetic subgroup) , 2000 n=235/231 follow-up: 5.03y	ACE inhibitor versus calcium antagonists	diabetic (subgroup) elderly patients aged 70-84 years	open with blind assessment Sweden
lisinopril vs chlorthalidone			
ALLHAT (lisi vs chlor, diabetic subgroup) , 2002 n=2431/4498 follow-up: 4.9 y	lisinopril 10 to 40 mg/d versus chlorthalidone 12.5 to 25 mg/d	diabetic (subgroup) participants aged 55 years or older with hypertension	Parallel groups double-blind
captopril vs diuretic and/or beta-blockers			
CAPP (diabetic subgroup) , 1999 n=309/263 follow-up: 6.1 year	Captopril initial dose of 50 mg daily given in one or two doses versus thiazide diuretic or beta-blocker	Patients aged 25-66 years with a measured diastolic blood pressure of 100 mm Hg or more on two occasions; subgroup of diabetic patients	Parallel groups open with blinded assessment Sweden, Finland
ACE inhibitor vs diuretic or beta-blocker			
STOP-2 (ACEI, diabetic subgroup) , 2000 n=235/253 follow-up: 5.03y	ACE inhibitor versus conventional treatment (diuretic or beta-blocker)	diabetic (subgroup) elderly patients aged 70-84 years with hypertension	Parallel groups open with blind assessment Sweden

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Entry terms: candesartan, candesartan cilexetil, 1-(cyclohexylcarbonyloxy)ethyl-2-ethoxy-1-(2'-(1H-tetrazol-5-yl)biphenyl-4-yl)-1H-benzimidazole-7-carboxylate, TCV 116, TCV-116, Atacand, Astra brand of candesartan cilexetil, Takeda brand of candesartan cilexetil, Blopress, Kenzen, Promed brand of candesartan cilexetil, Amias, AstraZeneca brand of candesartan cilexetil, Parapres, Almirall brand of candesartan cilexetil, , candesartan, 2-ethoxy-7-carboxy-1-(2'-(1H-tetrazol-5-yl)biphenyl-4-yl)methylbenzimidazole, CV 11974, CV11974, CV-11974, , irbesartan, Aprovel, Avapro, Karvea, losartan, Losartan, Cozaar, MK-954, MK 954, MK954, DuP-753, DuP 753, DuP753, Losartan Potassium, Losartan Monopotassium Salt, , valsartan, valsartan, N-valeryl-N-((2'-(1H-tetrazol-5-yl)biphenyl-4-yl)methyl)valine, Diovan, Tareg, Novartis brand of valsartan, Kalpress, Lacer brand of valsartan, Miten, CEPA brand of valsartan, Provas, Schwarz brand of valsartan, Sanol brand of valsartan, Vals, Esteve brand of valsartan, walsartan, CGP 48933, Nisis, Aventis brand of valsartan,

3 About TrialResults-center.org

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