

Clinical trials of intensive blood pressure control for hypertension in non diabetic patients

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1 Treatment blood pressure target

Trial	Treatments	Patients	Trials design and methods
more intensive blood pressure lowering strategie vs less intensive blood pressure lowering strategie			
SPRINT , 2015 [NCT01206062] n=4678/4683 follow-up:	target of 120 mm Hg versus target of 140 mm Hg	high-risk hypertensive adults 50 years of age and older with one additional cardiovascular risk factor or preexisting kidney disease	Parallel groups open
Cardio-Sis , 2009 [NCT00421863] n=558/553 follow-up: 2 years	tighter control of systolic BP with a goal of <130 mm Hg versus usual control, with a goal of <140 mm Hg	nondiabetic patients with hypertension and with SBP of 150 mm Hg or higher confirmed at two different times	Parallel groups open Italy
HOT , 1994 n=12526/6264 follow-up: 3.8 y	less or equal than 85 mmHg, or less or equal than 80 mmHg versus less or equal than 90 mmHg	patients with diastolic blood pressure between 100 mmHg and 115 mmHg	Factorial plan open 26 countries
REIN-2 , 2005 n=169/169 follow-up: 36 months	intensified (systolic/diastolic <130/80 mm Hg) blood-pressure control versus conventional (diastolic <90 mm Hg) blood-pressure control	patients with non-diabetic proteinuric nephropathies receiving background treatment with the ACE inhibitor ramipril	open
MDRD , 1994 n=840 follow-up: 2.2 y	low target blood pressure (mean arterial pressure <92 mm Hg) versus usual target blood pressure (mean arterial pressure <107 mm Hg)	patients with predominantly nondiabetic kidney disease and a glomerular filtration rate of 13 to 55 mL/min per 1.73 m ²	open
Toto , 1995 n=42/35 follow-up:	strict blood pressure control (DBP 65 to 80 mm Hg) versus usual blood pressure control (DBP 85 to 95 mm Hg)	non-diabetic patients (age 25 to 73) with long-standing hypertension (DBP \geq 95 mm Hg), chronic renal insufficiency (GFR \leq 70 mL/min/1.73 m ²) and a normal urine sediment	open

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2 About TrialResults-center.org

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Rigorous meta-analysis method is used to populate TrialResults-center: widespread search of published and non published trials, study selection using pre-specified criteria, data extraction using standard form.

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