

Clinical trials of sodium reduction

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1 cardiovascular prevention

Trial	Treatments	Patients	Trials design and methods
sodium reduction vs control			
HPT , 1990 n=196/196 follow-up: 3 years	dietary counseling versus no dietary counseling	normotensive healthy men and women aged 25 to 49 years, with diastolic blood pressures of 78 to 89 mm Hg	Parallel groups open USA
TOHP I , 1992 n=327/417 follow-up: 18 months	sodium reduction versus unmasked nonintervention controls	men and women, aged 30 through 54 years, with diastolic blood pressure from 80 through 89 mm Hg	Parallel groups open USA
TOHP II , 1997 n=594/596 follow-up: 3-4 years	sodium reduction intervention versus control	overweight people with high-normal blood pressure	Factorial plan open USA
Chang , 2006 n=NA follow-up: 31 mo	potassium-enriched salt versus control	elderly veterans	open USA
Morgan , 1978 n=35/42 follow-up: 2 years	moderate restriction of salt versus control	patients with a diastolic blood-pressure between 95 and 109 mm Hg	Parallel groups open Australia
TONE , 1998 n=340/341 follow-up: 29 months	reduced sodium intake versus control	older persons with hypertension	Factorial plan open USA
Ali , 1992 n=40/37 follow-up: 12 months	low-sodium diet versus usual diet	previously undiagnosed mildly hypertensive patients	Parallel groups open Italy
Arroll , 1995 n=51/49 follow-up: 6 months	salt restriction versus without salt restriction	healthy adult volunteers with a sedentary lifestyle and on pharmacological therapy for hypertension	Parallel groups open New Zealand

continued...

Trial	Treatments	Patients	Trials design and methods
Costa , 1981 n=21/20 follow-up: 12 months	low-salt diet versus control	young patients with borderline hypertension	Parallel groups open Italy
DISH , 1985 n=NA follow-up: 56 weeks	sodium-restriction versus control	normotensive subject	Parallel groups open
Kumanyika , 1993 n=NA follow-up:	-	-	
Morgan , 1987 n=10/10 follow-up: 6 months	reduced sodium intake versus control	hypertensive patients previously well-controlled on drug therapy	Parallel groups open Australia
Paterna , 2008 n=114/118 follow-up: 180 days	low-sodium diet plus oral furosemide (250-500 mg, b.i.d.) versus normal-sodium diet plus oral furosemide 250-500 mg, b.i.d. (twice a day) and fluid intake of 1000 ml per day	compensated CHF patients	Parallel groups open
Silman , 1993 n=12/16 follow-up: 13 months	restricted sodium diet versus control	patients who had a sustained diastolic blood pressure of 95 to 104 mm Hg and who had no treatment for it for at least 13 months before the trial	Parallel groups open UK
Thaler , 1982 n=80/84 follow-up:	salt-restriction versus control	subjects aged 64 or less with a systolic blood pressure 138-179 mmHg including those on antihypertensive treatment	Parallel groups open New Zealand

More details and results :

- dietary salt reduction for cardiovascular prevention in all type of patients at <http://www.trialresultscenter.org/go-Q518>

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