

# Clinical trials of various

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## 1 cardiovascular prevention

Trial	Treatments	Patients	Trials design and methods
<b>various drugs vs placebo</b>			
<b>HARP , 1994</b> [NCT00000461] n=40/39 follow-up: 2.5 years	Various drugs (pravastatin, nicotinic acid, cholestyramine, and gemfibrozil stepwise as needed to reach the specified goal (total cholesterol <or = 4.1 mmol/L, ratio of LDL/high-density-lipoprotein [HDL] cholesterol <or = 2.0) versus placebo	normocholesterolaemic patients with coronary heart disease	Parallel groups open
<b>various drugs vs usual care</b>			
<b>SCRIP , 1994</b> [NCT00000508] n=145/155 follow-up: 4.0 years	multifactor risk reduction (Various drugs) versus usual care	patients with angiographically defined coronary atherosclerosis	Parallel groups open

More details and results :

- cholesterol lowering intervention for cardiovascular prevention in patients with prior MI or with CHD at <http://www.trialresultscenter.org/go-Q12>
- cholesterol lowering intervention for cardiovascular prevention in all chronic situations at <http://www.trialresultscenter.org/go-Q154>

## References

### HARP, 1994:

Sacks FM, Pasternak RC, Gibson CM, Rosner B, Stone PH Effect on coronary atherosclerosis of decrease in plasma cholesterol concentrations in normocholesterolaemic patients. Harvard Atherosclerosis Reversibility Project (HARP) Group. Lancet 1994;344:1182-6 [7934538]

### SCRIP, 1994:

Haskell WL, Alderman EL, Fair JM, Maron DJ, Mackey SF, Superko HR, Williams PT, Johnstone IM, Champagne MA, Krauss RM Effects of intensive multiple risk factor reduction on coronary atherosclerosis and clinical cardiac events in men and women with coronary artery disease. The Stanford Coronary Risk Intervention Project (SCRIP). Circulation 1994;89:975-90 [8124838]

## 2 hypertension

Trial	Treatments	Patients	Trials design and methods
<b>various beta-blockers vs placebo</b>			
<b>STOP , 1991</b> n=812/815 follow-up: 21y	active antihypertensive therapy (Thiazide and amiloride or beta-blocker) , Atenolol, Metoprolol, Pindolol, HCTZ/Ami versus Placebo	hypertensive men and women aged 70-84 years	Double blind Swezen
<b>various ACEI vs calcium-channel blocker</b>			
<b>STOP-2 (ACEI vs felodipine or isradipine) , 1999</b> n=2205/2196 follow-up: 50 y	Enalapril or lisinopril , enalapril 10 mg or lisinopril 10 mg daily versus felodipine 2.5 mg or isradipine 2-5 mg daily	patients aged 70-84 years with hypertension (blood pressure >or = 180 mm Hg systolic, >or = 105 mm Hg diastolic, or both)	Parallel groups Open Sweden
<b>various ACEI vs diuretic or beta-blocker</b>			
<b>STOP 2 (ACEI vs diurectic or beta-blocker) , 1999</b> n=2205/2213 follow-up: 5.0 y	enalapril 10 mg or lisinopril 10 mg daily versus conventional antihypertensive drugs (atenolol 50 mg, metoprolol 100 mg, pindolol 5 mg, or hydrochlorothiazide 25 mg plus amiloride 25 mg daily)	patients aged 70-84 years with hypertension (blood pressure >180 mm Hg systolic, >105 mm Hg diastolic, or both).	Parallel groups Open Sweden
<b>various beta-blockers vs diuretics</b>			
<b>Yurenev , 1992</b> n=150/154 follow-up: 40y	hypotensive drugs including beta-blockers versus same combination of drugs including diuretics	hypertensive patients with different degrees of left ventricular hypertrophy (LVH)	
<b>HAPPHY , 1988</b> n=3297/3272 follow-up: 38y	Atenolol, Metoprolol, Propranolol versus Hydrochlorothiazide, Bendroflumethiazide	Men aged 40-64 years with mild to moderate hypertension (diastolic blood pressure 100-130 mmHg) without previous CHD, stroke	open
<b>various ACEI vs nifedipine</b>			
<b>JMIC-B , 2002</b> n=NA follow-up: 30 y	ACE inhibitor versus nifedipine	HBP+CHD	Parallel groups Open Japan

More details and results :

- anti hypertensive agents for hypertension in elderly (60 years and more) at <http://www.trialresultscenter.org/go-Q9>

- anti hypertensive agents for hypertension in all type of patient at <http://www.trialresultscenter.org/go-Q13>
- anti hypertensive agents for hypertension in uncomplicated hypertension at <http://www.trialresultscenter.org/go-Q685>
- anti hypertensive agents for hypertension in patients with additional risk factor at <http://www.trialresultscenter.org/go-Q686>
- anti hypertensive agents for hypertension in patients with cardiovascular disease at <http://www.trialresultscenter.org/go-Q687>

## References

### STOP, 1991:

Dahlf B, Lindholm LH, Hansson L, Scherstn B, Ekblom T, Wester PO Morbidity and mortality in the Swedish Trial in Old Patients with Hypertension (STOP-Hypertension) *Lancet* 1991;338:1281-5 [[1682683](#)]

### STOP-2 (ACEI vs felodipine or isradipine), 1999:

Hansson L, Lindholm LH, Ekblom T, Dahlf B, Lanke J, Schersten B, Wester PO, Hedner T, de Faire U Randomised trial of old and new antihypertensive drugs in elderly patients: cardiovascular mortality and morbidity the Swedish Trial in Old Patients with Hypertension-2 study. *Lancet* 1999 Nov 20;354:1751-6 [[10577635](#)]

### STOP 2 (ACEI vs diuretic or beta-blocker), 1999:

Hansson L, Lindholm LH, Ekblom T, Dahlf B, Lanke J, Scherstn B, Wester PO, Hedner T, de Faire U Randomised trial of old and new antihypertensive drugs in elderly patients: cardiovascular mortality and morbidity the Swedish Trial in Old Patients with Hypertension-2 study. *Lancet* 1999 Nov 20;354:1751-6 [[10577635](#)]

### Yurenev, 1992:

Yurenev AP, Dyakonova HG, Novikov ID, Vitols A, Pahl L, Haynemann G, Wallrabe D, Tsifkova R, Romanovska L, Niderle P Management of essential hypertension in patients with different degrees of left ventricular hypertrophy. Multicenter trial. *Am J Hypertens* 1992;5:182S-189S [[1352979](#)]

### HAPPHY, 1988:

Wilhelmsen L, Berglund G, Elmfeldt D, Fitzsimons T, Holzgreve H, Hosie J, Hrnkvist PE, Pennert K, Tuomilehto J, Wedel H Beta-blockers versus diuretics in hypertensive men: main results from the HAPPHY trial. *J Hypertens* 1987;5:561-72 [[2892881](#)]

### JMIC-B, 2002:

Yui Y, Sumiyoshi T, Kodama K.itm Long-term effects of nifedipine retard vs ACE inhibitors in hypertension with coronary heart disease: final report of JMIC-B *Circ J* 2002; 66 (suppl): 357

## 3 heart failure

Trial	Treatments	Patients	Trials design and methods
<b>various diuretics vs placebo</b>			
<a href="#">De jong , 1994</a> n=29/34 follow-up: 8 weeks	diuretics versus placebo (diuretics withdrawal)	patients aged 65 years or older and taking diuretic drugs	Parallel groups double blind the Netherlands

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Trial	Treatments	Patients	Trials design and methods
Myers , 1982 n=77 follow-up: 52 weeks	various diuretics versus placebo (withdrawals)	elderly not receiving concurrent digoxin therapy	Parallel groups double blind
Walma , 1997 n=100/102 follow-up: 14 weeks	various diuretics versus placebo (withdrawals)	elderly patients taking long-term diuretics without manifest heart failure or hypertension	Parallel groups double blind

More details and results :

- diuretics for heart failure in all type of patients at <http://www.trialresultscenter.org/go-Q75>

## References

### De jong, 1994:

de Jonge JW, Knottnerus JA, van Zutphen WM, de Bruijne GA, Struijker Boudier HA Short term effect of withdrawal of diuretic drugs prescribed for ankle oedema. BMJ 1994;308:511-3 [8136670]

### Myers, 1982:

Myers MG, Weingert ME, Fisher RH, Gryfe CI, Shulman HS Unnecessary diuretic therapy in the elderly. Age Ageing 1982;11:213-21 [7180724]

### Walma, 1997:

Walma EP, Hoes AW, van Dooren C, Prins A, van der Does E Withdrawal of long-term diuretic medication in elderly patients: a double blind randomised trial. BMJ 1997;315:464-8 [9284668]

## 4 CABG surgery

Trial	Treatments	Patients	Trials design and methods
<b>various vs placebo</b>			
Guiteras , 1989 n=141/69 follow-up: 7m	aspirin 150 + dipyridamol 225, dipyridamol 225 + trifusal 900 versus placebo	patients undergoing coronary bypass grafting	double blind
VA Co-op CABG , 1988 n=619/153 follow-up: 12m	aspirin 325 daily, aspirin 325 three times daily, sulfinpyrazone, aspirin plus dipyridamole (325 mg and 75 mg, respectively, three times daily) versus placebo	patients undergoing CABG	Parallel groups double blind

More details and results :

- antiplatelets drug for CABG surgery in all type of patients at <http://www.trialresultscenter.org/go-Q225>

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### Guiteras, 1989:

Guiteras P, Altimiras J, Ars A, Aug JM, Bassons T, Bonal J, Caralps JM, Castellarnau C, Crexells C, Masotti M Prevention of aortocoronary vein-graft attrition with low-dose aspirin and triflusal, both associated with dipyridamole: a randomized, double-blind, placebo-controlled trial. Eur Heart J 1989;10:159-67 [2647494]

### VA Co-op CABG, 1988:

Goldman S, Copeland J, Moritz T, Henderson W, Zadina K, Ovitt T, Doherty J, Read R, Chesler E, Sako Y Improvement in early saphenous vein graft patency after coronary artery bypass surgery with antiplatelet therapy: results of a Veterans Administration Cooperative Study. Circulation 1988;77:1324-32 [3286040]

## 5 percutaneous coronary intervention

Trial	Treatments	Patients	Trials design and methods
<b>various statins vs placebo</b>			
Briguori , 2004 n=226/225 follow-up: <24h	physician preference 331 d before PCI versus placebo	-	

More details and results :

- statins for percutaneous coronary intervention in all type of patients at <http://www.trialresultscenter.org/go-Q148>

## References

### Briguori, 2004:

Briguori C, Colombo A, Airoldi F, Violante A, Focaccio A, Balestrieri P, Paolo Elia P, Golia B, Lepore S, Riviezzo G, Scarpato P, Librera M, Bonizzoni E, Ricciardelli B Statin administration before percutaneous coronary intervention: impact on periprocedural myocardial infarction. Eur Heart J 2004;25:1822-8 [15474697]

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