

Clinical trials of anti hypertensive agents for hypertension in post stroke

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1 angiotensin receptor blocker

Trial	Treatments	Patients	Trials design and methods
telmisartan vs placebo			
PROPHESSE , 2008 [NCT00153062] n=10146/10186 follow-up: 2.5 y	telmisartan 80 mg daily versus placebo	patients who recently had an ischemic stroke	Factorial plan double blind 35 countries

References

PROPHESSE, 2008:

Yusuf S, Diener HC, Sacco RL, Cotton D, Ounpuu S, Lawton WA, Palesch Y, Martin RH, Albers GW, Bath P, Bornstein N, Chan BP, Chen ST, Cunha L, Dahlf B, De Keyser J, Donnan GA, Estol C, Gorelick P, Gu V, Hermansson K, Hilbrich L, Kaste M, Lu C, Machnig T, — N Engl J Med 2008;359:1225-37 [[18753639](#)] [10.1056/NEJMoa0804593](#)

2 beta-blockers

Trial	Treatments	Patients	Trials design and methods
atenolol vs placebo			
Dutch TIA , 1993 n=732/741 follow-up: 26y	Atenolol 50mg/d versus Placebo	aspirin-treated patients with transient ischemic attack or nondisabling ischemic stroke	double blind
TEST , 1995 n=372/348 follow-up: 26y	Atenolol versus Placebo	post stroke	

References

Dutch TIA, 1993:

Trial of secondary prevention with atenolol after transient ischemic attack or nondisabling ischemic stroke. The Dutch TIA Trial Study Group. Stroke 1993 Apr;24:543-8 [[8465360](#)]

TEST, 1995:

Eriksson S, Olofsson BO, Wester PO. imag Atenolol in the secondary prevention after stroke Cerebrovasc Dis 1995; 5: 2125

3 diuretics

Trial	Treatments	Patients	Trials design and methods
thiazide diuretics vs control			
Carter , 1970 n=50/49 follow-up: 3.6 y	thiazide versus ?	-	NA Open
deserpidine +methylothiazide vs placebo			
HSCS , 1974 n=233/219 follow-up: 2.3y	deserpidine 1mg/d + methylothiazide 10mg/d versus placebo	stroke	Parallel groups Double blind USA
indapamide vs placebo			
PATS , 1995 n=2841/2841 follow-up: 2y	indapamide 2.5 mg/d versus placebo	-	Parallel groups Double blind China

References

Carter, 1970:

Carter AB Hypotensive therapy in stroke survivors. Lancet 1970;1:485-9 [4190177]

HSCS, 1974:

Effect of antihypertensive treatment on stroke recurrence. Hypertension-Stroke Cooperative Study Group. JAMA 1974 Jul 22;229:409-18 [4599980]

Effect of antihypertensive treatment on stroke recurrence. Hypertension-Stroke Cooperative Study Group. JAMA 1974;229:409-18 [4599980]

PATS, 1995:

Post-stroke antihypertensive treatment study. A preliminary result. PATS Collaborating Group. Chin Med J (Engl) 1995;108:710-7 [8575241]

4 About TrialResults-center.org

TrialResults-center is an innovative knowledge database that collects the results of RCTs and provides dynamic interactive systematic reviews and meta-analysis in the field of all major heart and vessels diseases.

The TrialResults-center database provides a unique view of the treatment efficacy based on all data provided directly from clinical trial results, offering a valuable alternative to personal bibliographic search, published meta-analysis, etc. Furthermore, it would allow comparing easily the various concurrent therapeutic for the same clinical condition.

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.

TrialResults-center is continually updated on a weekly basis. We continually search all new results (whatever their publication channel) and these news results are immediately added to the database with a maximum of 1 week.

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