

Clinical trials of statins for cardiovascular prevention in hypertensive patients

TrialResults-center www.trialresultscenter.org

1 statins

| Trial | Treatments | Patients | Trials design and methods |
|---|--|--|--|
| atorvastatin vs placebo | | | |
| ASCOT , 2003 n=5168/5137 follow-up: 3.3 years | atorvastatin 10mg/d versus placebo | hypertensive patients aged 40-79 years with at least three other cardiovascular risk factors | Parallel groups double blind UK et Scandinavie |
| fluvastatin vs placebo | | | |
| HYRIM , 2005 n=283/285 follow-up: 4 year | fluvastatin 40 mg daily versus placebo | drug-treated hypertensive men aged 40-74 years with total cholesterol 4.5-8.0 mmol/L, triglycerides <4.5 mmol/L, body mass index 25-35 kg/m2, and a sedentary lifestyle | Factorial plan double blind Norway |
| pravastatin vs usual care | | | |
| ALLHAT , 2002 [NCT00000542] n=5170/5185 follow-up: 4.8 years | pravastatin 40mg/d versus usual care | aged 55 years or older, moderately hypercholesterolemic, hypertensive participants with at least 1 additional CHD risk factor | Factorial plan open USA, Puerto Rico, Canada |

References

ASCOT, 2003:

Sever PS, Dahlof B, Poulter NR, Wedel H, Beevers G, Caulfield M, Collins R, Kjeldsen SE, Kristinsson A, McInnes GT, Mehlsen J, Nieminen M, O'Brien E, Ostergren J, Prevention of coronary and stroke events with atorvastatin in hypertensive patients who have average or lower-than-average cholesterol concentrations, in the Anglo-Scandinavian Cardiac Outcomes Trial-Lipid Lowering Arm (ASCOT-LLA): a multicentre randomised controlled trial. *Lancet* 2003; 361:1149-58 [[12686036](#)]

HYRIM, 2005:

ALLHAT, 2002:

2 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.

TrialResults-center is non-profit and self-funded.