

Clinical trials of cholesterol lowering intervention for cardiovascular prevention in post stroke (or TIA)

TrialResults-center www.trialresultscenter.org

1 statins

| Trial | Treatments | Patients | Trials design and methods |
|--|--|--|---------------------------------|
| atorvastatin vs placebo | | | |
| SPARCL , 2006 [NCT00147602] n=2365/2366 follow-up: 4.9y (median) | atorvastatin 80mg daily versus placebo | patients who had had a stroke or TIA within one to six months before study entry, had low-density lipoprotein (LDL) cholesterol levels of 2.6 to 4.9 mmol per liter, and had no known coronary heart disease | Parallel groups double blind |
| simvastatin vs placebo | | | |
| HPS (post stroke sub group) , 2004 n=920/900 follow-up: | simvastatin 40mg daily versus placebo | adults with cerebrovascular disease, total cholesterol ≥ 35 mmol/L and without coronaro disease (n=1820) | Parallel groups double blind |

References

SPARCL, 2006:

Amarenco P, Bogousslavsky J, Callahan A 3rd, Goldstein LB, Hennerici M, Rudolph AE, Silleesen H, Simunovic L, Szarek M, Welch KM, Zivin JA High-dose atorvastatin after stroke or transient ischemic attack. *N Engl J Med* 2006 Aug 10;355:549-59 [[16899775](#)]

Amarenco P, Benavente O, Goldstein LB, Callahan A 3rd, Silleesen H, Hennerici MG, Gilbert S, Rudolph AE, Simunovic L, Zivin JA, Welch KM Results of the Stroke Prevention by Aggressive Reduction in Cholesterol Levels (SPARCL) trial by stroke subtypes. *Stroke* 2009;40:1405-9 [[19228842](#)]

HPS (post stroke sub group), 2004:

Collins R, Armitage J, Parish S, Sleight P, Peto R Effects of cholesterol-lowering with simvastatin on stroke and other major vascular events in 20536 people with cerebrovascular disease or other high-risk conditions. *Lancet* 2004;363:757-67 [[15016485](#)]

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.