# Clinical trials of cholesterol lowering intervention for cardiovascular prevention in women

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## 1 statins

| Trial | Treatments | Patients | Trials design and methods |
|---|---|---|---|
| **Atorvastatin vs placebo** | | | |
| ASCOT (women subgroup) , 2003<br>n=979/963<br>follow-up: 3.3 y | Atorvastatin 10 mg daily<br>versus<br>placebo | hypertensive patients (aged 40-79 years with at least three other cardiovascular risk factors) - subgroup of women | Parallel groups<br>double-blind<br>Europe |
| **Lovastatin vs placebo** | | | |
| 65279;AFCAPS (women subgroup) , 1998<br>n=499/498<br>follow-up: 5.2 y | Lovastatin 2040 mg daily<br>versus<br>placebo | men and postmenopausal women without clinical evidence of cardiovascular disease (CVD) who had average low-density lipoprotein cholesterol and below average high-density lipoprotein cholesterol - subgroup of women | Parallel groups<br>double blind<br>US |
| **Pravastatin vs placebo** | | | |
| ALLHAT (women subgroup) , 2002<br>n=2511/2540<br>follow-up: 4.8 y | Pravastatin 40 mg daily<br>versus<br>control | Ambulatory persons, aged 55 years or older, with low-density lipoprotein cholesterol (LDL-C) of 120 to 189 mg/dL (100 to 129 mg/dL if known CHD) and triglycerides lower than 350 mg/dL- subgroup of women | Parallel groups<br>open<br>US |
| MEGA (women subgroup) , 2006<br>n=2638/2718<br>follow-up: 5.3 y | Pravastatin 1020 mg daily<br>versus<br>control | patients with hypercholesterolaemia (total cholesterol 5.69-6.98 mmol/L) and no history of coronary heart disease or stroke- subgroup of women | Parallel groups<br>open<br>Japan |
| **Rosuvastatin vs placebo** | | | |
| JUPITER (women subgroup) , 2008<br>n=3426/3375<br>follow-up: 1.9 y | Rosuvastatin 20 mg daily<br>versus<br>placebo | apparently healthy men and women with low-density lipoprotein cholesterol levels of less than 130 mg/dL and high-sensitivity C-reactive protein levels of 2.0 mg/L or higher - subgroup of women | Parallel groups<br>double-blind<br>26 countries |
| **Simvastatin vs placebo** | | | |
| HPS (women subgroup) , 2002<br>n=914/902<br>follow-up: 5 y | Simvastatin 40 mg<br>versus<br>placebo | UK adults (aged 40-80 years) with coronary disease,other occlusive arterial disease, or diabetes - subgroup of women without CHD | Parallel groups<br>double blind<br>UK |

## References


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# 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.

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