

Clinical trials of cholesterol lowering intervention for aortic stenosis in all type of patients

TrialResults-center www.trialresultscenter.org

1 statins

| Trial | Treatments | Patients | Trials design and methods |
|--|---|--|---------------------------------|
| atorvastatin vs placebo | | | |
| SALTIRE , 2005 n=77/78 follow-up: 25 mo (7-36) | atorvastatin 80mg daily versus placebo | patients with calcific aortic stenosis | Parallel groups double blind |
| rosuvastatin vs placebo | | | |
| ASTRONOMER , 2010 [ISRCTN 32424163] n=134/135 follow-up: 3.5 y | rosuvastatin 40 mg daily versus placebo | asymptomatic patients with mild to moderate aortic stenosis and no clinical indications for cholesterol lowering | Parallel groups double blind |

References

SALTIRE, 2005:

Cowell SJ, Newby DE, Prescott RJ, Bloomfield P, Reid J, Northridge DB, Boon NA A randomized trial of intensive lipid-lowering therapy in calcific aortic stenosis. N Engl J Med 2005 Jun 9;352:2389-97 [[15944423](#)] [10.1056/NEJMoa043876](#)

ASTRONOMER, 2010:

Chan KL, Teo K, Dumesnil JG, Ni A, Tam J Effect of Lipid Lowering With Rosuvastatin on Progression of Aortic Stenosis. Results of the Aortic Stenosis Progression Observation: Measuring Effects of Rosuvastatin (ASTRONOMER) Trial. Circulation 2010 Jan 4;: [[20048204](#)]

2 statins+ezetimibe

| Trial | Treatments | Patients | Trials design and methods |
|--|--|--|---|
| ezetimibe+simvastatin vs placebo | | | |
| SEAS , 2008 [NCT00092677] n=944/929 follow-up: 52.2 mo | simvastatin 40mg plus ezetimibe 10 mg daily versus placebo | patients with mild-to-moderate, asymptomatic aortic stenosis | Parallel groups double blind Europe |

References

SEAS, 2008:

Rosseb AB, Pedersen TR, Boman K, Brudi P, Chambers JB, Egstrup K, Gerds E, Gohlke-Brwolf C, Holme I, Kesniemi YA, Malbecq W, Nienaber CA, Ray S, Skjaerpe T, Wachtell

K, Willenheimer R Intensive lipid lowering with simvastatin and ezetimibe in aortic stenosis. N Engl J Med 2008 Sep 25;359:1343-56 [[18765433](#)]

3 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.