

# Clinical trials of cholesterol lowering intervention for cardiovascular prevention in patient with related disease

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## 1 ezetimibe

Trial	Treatments	Patients	Trials design and methods
<b>ezetimibe vs placebo</b>			
<b>Enhance , 2008</b> n=357/363 follow-up: 24 months	ezetimibe 10mg + simvastatin daily versus simvastatin 80mg daily	patients with familial hypercholesterolemia	Parallel groups double blind

## References

### Enhance, 2008:

Kastelein JJ, Akdim F, Stroes ES, Zwinderman AH, Bots ML, Stalenhoef AF, Visseren FL, Sijbrands EJ, Trip MD, Stein EA, Gaudet D, Duivenvoorden R, Veltri EP, Marais AD, de Groot E Simvastatin with or without ezetimibe in familial hypercholesterolemia. N Engl J Med 2008 Apr 3;358:1431-43 [[18376000](#)]

## 2 statins

Trial	Treatments	Patients	Trials design and methods
<b>atorvastatin vs placebo</b>			
<b>SALTIRE , 2005</b> n=77/78 follow-up: 25 mo (7-36)	atorvastatin 80mg daily versus placebo	patients with calcific aortic stenosis	Parallel groups double blind
<b>fluvastatin vs placebo</b>			
<b>ALERT , 2003</b> n=1050/1052 follow-up: 5.1 years	fluvastatin 40 mg daily versus placebo	renal transplant recipients with total cholesterol 4.0-9.0 mmol/L	Parallel groups double-blind Belgium, Denmark, Finland, Germany, Norway,
<b>pravastatin vs placebo</b>			
<b>PREVEND IT , 2004</b> n=433/431 follow-up: 46 months	pravastatin 40 mg daily versus placebo	subjects with microalbuminuria	Factorial plan double blind the Netherlands
<b>rosuvastatin vs placebo</b>			

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Trial	Treatments	Patients	Trials design and methods
<b>ASTRONOMER , 2010</b> [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](https://doi.org/10.1056/NEJMoa043876)

### ALERT, 2003:

Holdaas H, Fellström B, Jardine AG, Holme I, Nyberg G, Fauchald P, Grnhagen-Riska C, Madsen S, Neumayer HH, Cole E, Maes B, Ambhl P, Olsson AG, Hartmann A, Solbu DO, Pedersen TR Effect of fluvastatin on cardiac outcomes in renal transplant recipients: a multicentre, randomised, placebo-controlled trial. Lancet 2003;361:2024-31 [12814712]

### PREVEND IT, 2004:

Asselbergs FW, Diercks GF, Hillege HL, van Boven AJ, Janssen WM, Voors AA, de Zeeuw D, de Jong PE, van Veldhuisen DJ, van Gilst WH Effects of fosinopril and pravastatin on cardiovascular events in subjects with microalbuminuria. Circulation 2004;110:2809-16 [15492322]

### 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]

## 3 statins+ezetimibe

Trial	Treatments	Patients	Trials design and methods
<b>ezetimibe+simvastatin vs placebo</b>			
<b>SEAS , 2008</b> [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]

## 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.

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