

Clinical trials of cholesterol lowering intervention for familial hypercholesterolemia in all type of patients

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1 ACAT inhibition

Trial	Treatments	Patients	Trials design and methods
pactimibe vs placebo			
CAPTIVATE , 2009 [NCT00151788] n=448/444 follow-up: 15 months (mean)	pactimibe 100mg daily versus placebo	patients with familial hypercholesterolemia and carotid atherosclerosis	Parallel groups double blind United States, Canada, Europe, South Africa, Israel

References

CAPTIVATE, 2009:

Meuwese MC, de Groot E, Duivenvoorden R, Trip MD, Ose L, Maritz FJ, Basart DC, Kastelein JJ, Habib R, Davidson MH, Zwinderman AH, Schwocho LR, Stein EA ACAT inhibition and progression of carotid atherosclerosis in patients with familial hypercholesterolemia: the CAPTIVATE randomized trial. JAMA 2009 Mar 18;301:1131-9 [[19293413](https://doi.org/10.1001/jama.301.11.1131)] [10.1001/jama.301.11.1131](https://doi.org/10.1001/jama.301.11.1131)

2 CETP inhibitor

Trial	Treatments	Patients	Trials design and methods
torcetrapib vs placebo			
RADIANCE 1 , 2007 [NCT00136981] n=450/454 follow-up: 24 months	atorvastatin combined with 60 mg of torcetrapib versus atorvastatin monotherapy	patients with heterozygous familial hypercholesterolemia	Parallel groups open

References

RADIANCE 1, 2007:

Kastelein JJ, van Leuven SI, Burgess L, Evans GW, Kuivenhoven JA, Barter PJ, Revkin JH, Grobbee DE, Riley WA, Shear CL, Duggan WT, Bots ML Effect of torcetrapib on carotid atherosclerosis in familial hypercholesterolemia. N Engl J Med 2007 Apr 19;356:1620-30 [[17387131](https://doi.org/10.1056/NEJMoa071359)] [10.1056/NEJMoa071359](https://doi.org/10.1056/NEJMoa071359)

3 ezetimibe

Trial	Treatments	Patients	Trials design and methods
ezetimibe vs placebo (on top statins)			
Enhance , 2008 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](#)]

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.