

# 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   |
|--|--|--|---|
| <b>pactimibe vs placebo</b>  |  |  |   |
| <b>CAPTIVATE , 2009</b><br>[NCT00151788]<br>n=448/444<br>follow-up: 15 months (mean) | pactimibe 100mg daily<br>versus<br>placebo | patients with familial hypercholesterolemia<br>and carotid atherosclerosis | Parallel groups<br>double blind<br>United States, Canada, Europe, South Africa,<br>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 |
|--|--|---|---------------------------|
| <b>torcetrapib vs placebo</b>  |  |   |                           |
| <b>RADIANCE 1 , 2007</b><br>[NCT00136981]<br>n=450/454<br>follow-up: 24 months | atorvastatin combined with 60 mg of<br>torcetrapib<br>versus<br>atorvastatin monotherapy | patients with heterozygous familial<br>hypercholesterolemia | Parallel groups<br>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       |
|---|--|---|---------------------------------|
| <b>ezetimibe vs placebo (on top statins)</b>        |  |   |                                 |
| Enhance , 2008<br>n=357/363<br>follow-up: 24 months | ezetimibe 10mg + simvastatin daily<br>versus<br>simvastatin 80mg daily | patients with familial hypercholesterolemia | Parallel groups<br>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.