

Clinical trials of HDL increasing drugs for cardiovascular prevention in all type of patients

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1 ACAT inhibitors

Trial	Treatments	Patients	Trials design and methods
evacetrapib vs atorvastatin			
ACCENTuate <i>ongoing</i> [NCT02227784] n=NA follow-up:	Atorvastatin + Evacetrapib for 90 days versus Atorvastatin (40mg alone, 80 mg alone or in combination with ezetimibe)	-	double-blind
anacetrapib vs placebo			
DEFINE , 2010 [NCT00685776] n=811/812 follow-up:	anacetrapib 100mg fr 18 months versus placebo	patients with coronary heart disease or at high risk for coronary heart disease	Parallel groups double-blind 20 countries
REVEAL HPS-3 TIMI-55 <i>ongoing</i> [NCT01252953] n=NA	-	-	
dalcetrapib vs placebo			
dal-VESSEL , 2011 n=NA follow-up: 12 weeks	dalcetrapib 600 mg daily versus placebo	men and women with coronary heart disease or coronary heart disease risk equivalents with HDL-cholesterol levels <50 mg/dL	Parallel groups double-blind
dal-OUTCOMES , 2012 [NCT00658515] n=7938/7933 follow-up: 31 montsh (median)	dalcetrapib 600 mg daily beginning 4 to 12 weeks after an index ACS event versus placebo	patients with recent acute coronary syndrome	Parallel groups double-blind 27 countries
evacetrapib vs placebo			
ACCELERATE , 2015 [NCT01687998] n=12095 follow-up:	evacetrapib versus placebo	Patients at a High-Risk for Vascular Outcomes	Parallel groups 37 countries
torcetrapib vs placebo (on top of atorvastatin)			
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

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2 fibrates

Trial	Treatments	Patients	Trials design and methods
bezafibrate vs placebo			
BECAIT , 1996 n=47/45 follow-up: 5.0 years	bezafibrate 200 mg three times daily versus placebo	dyslipidaemic male survivors of myocardial infarction who were younger than 45 years at the time of the event	Parallel groups double blind Sweden
BIP , 2000 n=1548/1542 follow-up: 6.2 y	bezafibrate 400 mg/d versus placebo	patients with a previous myocardial infarction or stable angina, total cholesterol of 180 to 250 mg/dL, HDL-C <or =45 mg/dL, triglycerides <or =300 mg/dL, and low-density lipoprotein cholesterol <or =180 mg/dL	Parallel groups double blind Israel
LEADER , 2002 n=783/785 follow-up: 4.6 y	bezafibrate 400 mg daily versus placebo	men with lower extremity arterial disease	Parallel groups double-blind UK
SEDCAP , 1998 n=81/83 follow-up: 3.0 years	bezafibrate 400 mg daily versus placebo	type 2 diabetic subjects without a history of clinical cardiovascular	Parallel groups double blind UK
clofibrate vs placebo			
Acheson , 1972 n=NA follow-up: 6 years	clofibrate versus placebo	cerebral vascular disease	Parallel groups NA UK
Begg , 1971 n=76/79 follow-up: 3.5 y	clofibrate versus placebo	peripheral arteriopathy	Parallel groups
CDP Clofibrate , 1975 n=1103/2789 follow-up: 6.2 years	clofibrate 1.8 mg/d versus placebo	men, 30-64 y	Parallel groups double blind USA
Cullen , 1974 n=20/20 follow-up: 2 years	clofibrate versus placebo		Parallel groups
Hanefeld , 1991 n=379/382 follow-up: 5 years	clofibrate acid 1.6 g/day versus placebo	newly diagnosed middle-aged (30- to 55-yr-old) patients with non-insulin-dependent diabetes mellitus	Parallel groups double-blind Germany
Harrold , 1969 n=30/33 follow-up: 1 years	clofibrate versus placebo	diabetic retinopathy	Parallel groups double-blind

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Trial	Treatments	Patients	Trials design and methods
Newcastle , 1971 n=244/253 follow-up: 3.6 y	clofibrate 1.5-2 g daily versus placebo	Hommes et femmes <65 ans	Parallel groups double blind UK
Scottish , 1971 n=350/367 follow-up: 3.4 years	clofibrate 1.6-2 g daily versus placebo	Hommes et femmes, de 40 69 ans	Parallel groups double blind Scotland
VA Neurology Section , 1974 n=268/264 follow-up: 1.8 years	clofibrate versus placebo	treatment of cerebrovascular disease	Parallel groups USA
WHO clofibrate , 1978 n=5331/5296 follow-up: 5.3 years	clofibrate 1.6 g daily versus olive oil	primary prevention, Hommes, de 30 59 ans	Parallel groups double blind Scotland, Hungary, Czech Republic
etofibrate vs placebo			
Emmerich , 2009 n=NA follow-up: 12 months	etofibrate 1g/j versus placebo	patients with type 2 diabetes mellitus and concomitant diabetic retinopathy	Parallel groups double-blind Germany
fenofibrate vs placebo			
DAIS , 2001 n=207/211 follow-up: 3.3 years	fenofibrate 200 mg/day versus placebo	men and women with type 2 diabetes and coronary atherosclerosis	Parallel groups double-blind Canada, Finland, France, Sweden
FIELD , 2005 [ISRCTN64783481] n=4895/4900 follow-up: 5 years	fenofibrate 200mg/d versus Placebo	participants aged 50-75 years, with type 2 diabetes mellitus, and not taking statin therapy at study entry	Parallel groups double blind Australia, New Zealand, Finland
gemfibrozil vs placebo			
Helsinki (HHS) , 1987 n=2046/2035 follow-up: 5 years	gemfibrozil 1,2 g/d versus placebo	asymptomatic middle-aged men (40 to 55 years of age) with primary dyslipidemia (non-HDL cholesterol greater than or equal to 200 mg per deciliter [5.2 mmol per liter])	Parallel groups double blind Finland
HHS (Frick)(secondary prev subgroup) , 1993 n=311/317 follow-up: 5.0 years	gemfibrozil 600 mg twice daily versus placebo	individuals who exhibited symptoms and signs of possible coronary heart disease	Parallel groups double blind Sweden
LOCAT , 1997 n=197/198 follow-up: 32 months	gemfibrozil 1200 mg/d versus placebo	post-coronary bypass men, who had an HDL cholesterol concentration $<\text{or } = 1.1 \text{ mmol/L}$ and LDL cholesterol $<\text{or } = 4.5 \text{ mmol/L}$	Parallel groups double blind Germany

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Oxford Niaspan Study, 2009:

Lee JM, Robson MD, Yu LM, Shirodaria CC, Cunningham C, Kylintireas I, Digby JE, Bannister T, Handa A, Wiesmann F, Durrington PN, Channon KM, Neubauer S, Choudhury RP Effects of high-dose modified-release nicotinic Acid on atherosclerosis and vascular function a randomized, placebo-controlled, magnetic resonance imaging study. J Am Coll Cardiol 2009;54:1787-94 [[19874992](#)]

ARBITER 2, 2009:

Taylor AJ, Sullenberger LE, Lee HJ, Lee JK, Grace KA Arterial Biology for the Investigation of the Treatment Effects of Reducing Cholesterol (ARBITER) 2: a double-blind, placebo-controlled study of extended-release niacin on atherosclerosis progression in secondary prevention patients treated with statins. Circulation 2004;110:3512-7 [[15537681](#)]

HATS, 2001:

Brown BG, Zhao XQ, Chait A, Fisher LD, Cheung MC, Morse JS, Dowdy AA, Marino EK, Bolson EL, Alaupovic P, Frohlich J, Albers JJ Simvastatin and niacin, antioxidant vitamins, or the combination for the prevention of coronary disease. N Engl J Med 2001 Nov 29;345:1583-92 [[11757504](#)]

5 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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