Clinical trials of insulin sensitizers - glitazones for diabetes type 2 in patients with cardiovascular disease

TrialResults-center www.trialresultscenter.org

1 thiazolidinediones

Trial	Treatments	Patients	Trials design and methods
rosiglitazone vs control			
Wang , 2005 n=NA follow-up: 6 months	rosiglitazone 4 mg/d versus control	patients with diabetes and CAD who had undergone percutaneous coronary intervention	Parallel groups open
pioglitazone vs placebo			
PROactive , 2005 [NCT00174993] n=2605/2633 follow-up: 34.5 mo	pioglitazone titrated from 15 mg to 45 mg versus placebo	Inadequately controlled patients with type 2 diabetes who had evidence of macrovascular disease	Parallel groups double blind 19 European countries
rosiglitazone pioglitazone vs placebo			
TIDE *ongoing* [NCT00879970] n=16000 follow-up:	pioglitazone or rosiglitazone versus placebo	patients with type 2 diabetes who have a history of or are at risk for cardiovascular disease	Factorial plan double-blind USA
pioglitazone vs standard glucose-lowering drugs			
PPAR *ongoing* [NCT00212004] n=NA follow-up:	pioglitazone versus sulfonylurea agents	diabetes patients with a history of prior myocardial infarction	Parallel groups Japan
pioglitazone vs sulfonylurea			
OPI-504 [NCT00521820] n=262/256 follow-up: 24 wk	Pioglitazone versus Sulfonylurea	patients with type 2 diabetes andmild to moderate congestive heart failure	Parallel groups
OPI-520 [NCT00521742] n=151/149 follow-up: 52 wk	Pioglitazone versus Sulfonylurea	Inadequately controlled DM-2 with mild cardiac disease(New York HeartAssociation Class I)	Parallel groups
pioglitazone vs glimepiride			
PERISCOPE , 2008 [NCT00225277] n=274/273 follow-up: 18 months	pioglitazone 15 to 45 mg versus glimepiride, 1 to 4 mg	patients with coronary disease and type 2 diabetes	Parallel groups double blind North and South America
rosiglitazone vs glipizide			

continued...

Trial	Treatments	Patients	Trials design and methods
APPROACH , 2008 [NCT00116831] n=333/339 follow-up: 18 months	rosiglitazone at up to 8 mg/day versus glipizide at 15 mg/day	patients with type 2 diabetes and coronary artery disease	Parallel groups double blind

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PROactive, 2005:

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TIDE, :

PPAR, :

OPI-504, :

OPI-520, :

PERISCOPE, 2008:

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Nicholls SJ, Tuzcu EM, Wolski K, Bayturan O, Lavoie A, Uno K, Kupfer S, Perez A, Nesto R, Nissen SE Lowering the triglyceride/high-density lipoprotein cholesterol ratio is associated with the beneficial impact of pioglitazone on progression of coronary atherosclerosis in diabetic patients: insights from the PERISCOPE (Pioglitazone Effect on Regression of Intravascular Sonographic Coronary Obstruction Prospective Evaluation) study. J Am Coll Cardiol 2011;57:153-9 [21211686] 10.1016/j.jacc.2010.06.055

APPROACH, 2008:

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2 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.