

# Clinical trials of pioglitazone

TrialResults-center [www.trialresultscenter.org](http://www.trialresultscenter.org)

## 1 diabetes type 2

Trial	Treatments	Patients	Trials design and methods
<b>pioglitazone vs metformin</b>			
<b>EC404</b> n=597/597 follow-up: 52 wk	Pioglitazone versus Metformin	patients with type 2 diabetes	Parallel groups
<b>pioglitazone + sulfonyleurea vs metformin + sulfonyleurea</b>			
<b>EC409</b> n=319/320 follow-up: 104 wk	Pioglitazone + sulfonyleurea versus Metformin + sulfonyleurea	patients with type 2 diabetes	Parallel groups
<b>pioglitazone vs placebo</b>			
<b>PROACTIVE</b> [NCT00174993] n=2605/2633 follow-up: 34.5 months	oral pioglitazone titrated from 15 mg to 45 mg versus placebo	patients with type 2 diabetes who had evidence of macrovascular disease.	
<b>IRIS , 2016</b> [NCT00091949] n=NA	-	-	
<b>PNFP-001</b> n=329/79 follow-up: 26 wk	Pioglitazone versus Placebo	patients with type 2 diabetes	Parallel groups
<b>PNFP-012</b> n=176/84 follow-up: 24 wk	Pioglitazone versus Placebo	patients with type 2 diabetes	Parallel groups
<b>PNFP-026</b> n=101/96 follow-up: 16 wk	Pioglitazone versus Placebo	patients with type 2 diabetes	Parallel groups
<b>PROactive , 2005</b> [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
<b>pioglitazone + insulin vs placebo (add on insulin)</b>			

continued...

<b>Trial</b>	<b>Treatments</b>	<b>Patients</b>	<b>Trials design and methods</b>
<b>OPI-502</b> n=110/112 follow-up: 20 wk	Pioglitazone + insulin versus Placebo + insulin	Insulin-dependent DM-2	Parallel groups
<b>PNFP-014</b> n=379/187 follow-up: 16 wk	Pioglitazone insulin versus Placebo + insulin	patients with type 2 diabetes	Parallel groups
<b>pioglitazone + metformin vs placebo (add on MET)</b>			
<b>PNFP-027</b> n=168/160 follow-up: 16 wk	Pioglitazone + metformin versus Placebo + metformin	patients with type 2 diabetes	Parallel groups
<b>pioglitazone vs rosiglitazone</b>			
<b>GLAI</b> [NCT00331487] n=369/366 follow-up: 24 wk	Pioglitazone versus Rosiglitazone	patients with type 2 diabetes and dyslipidemia	Parallel groups
<b>pioglitazone vs sulfonylurea</b>			
<b>EC405</b> n=624/626 follow-up: 52 wk	Pioglitazone versus Sulfonylurea	patients with type 2 diabetes	Parallel groups
<b>OPI-501</b> n=251/251 follow-up: 56 wk	Pioglitazone versus Sulfonylurea	Recently diagnosed DM-2	Parallel groups
<b>OPI-504</b> [NCT00521820] n=262/256 follow-up: 24 wk	Pioglitazone versus Sulfonylurea	patients with type 2 diabetes and mild to moderate congestive heart failure	Parallel groups
<b>OPI-506</b> [NCT00494312] n=1051/1046 follow-up: 156 wk	Pioglitazone versus Sulfonylurea	Inadequately controlled DM-2	Parallel groups
<b>OPI-520</b> [NCT00521742] n=151/149 follow-up: 52 wk	Pioglitazone versus Sulfonylurea	Inadequately controlled DM-2 with mild cardiac disease (New York Heart Association Class I)	Parallel groups
<b>pioglitazone + sulfonylurea vs sulfonylurea</b>			
<b>PNFP-010</b> n=373/187 follow-up: 16 wk	Pioglitazone + sulfonylurea versus Sulfonylurea	patients with type 2 diabetes	Parallel groups
<b>pioglitazone + metformin vs sulfonylurea + metformin</b>			

continued...

<b>Trial</b>	<b>Treatments</b>	<b>Patients</b>	<b>Trials design and methods</b>
<b>EC410</b> n=317/313 follow-up: 104 wk	Pioglitazone + metformin versus Sulfonylurea + metformin	patients with type 2 diabetes	Parallel groups
<b>pioglitazone vs vildagliptin</b>			
<b>Bolli , 2008</b> n=295/295 follow-up: 52 weeks	vildagliptin (50 mg b.i.d.) versus pioglitazone (30 mg daily)	-	
<b>rosiglitazone pioglitazone vs placebo</b>			
<b>TIDE ongoing</b> [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
<b>pioglitazone vs standard glucose-lowering drugs</b>			
<b>PPAR ongoing</b> [NCT00212004] n=NA follow-up:	pioglitazone versus sulfonylurea agents	diabetes patients with a history of prior myocardial infarction	Parallel groups Japan
<b>pioglitazone vs glimepiride</b>			
<b>PERISCOPE , 2008</b> [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
<b>linagliptin + pioglitazone vs pioglitazone</b>			
<b>linagliptin 1264.3 ongoing</b> [NCT01183013] n=NA follow-up: 30 weeks	linagliptin/pioglitazone (5/15, 5/30 and 5/45 mg) linagliptine versus pioglitazone	-	

More details and results :

- insulin sensitizers - glitazones for diabetes type 2 in all type of patients at <http://www.trialresultscenter.org/go-Q321>
- insulin sensitizers - glitazones for diabetes type 2 in patients with cardiovascular disease at <http://www.trialresultscenter.org/go-Q376>
- insulin sensitizer for diabetes type 2 in all type of patients at <http://www.trialresultscenter.org/go-Q377>
- insulin sensitizer for diabetes type 2 in patients with cardiovascular disease at <http://www.trialresultscenter.org/go-Q378>
- insulin secretagogues for diabetes type 2 in all type of patients at <http://www.trialresultscenter.org/go-Q409>

- antidiabetic drugs for diabetes type 2 in patients inadequately controlled on monotherapy at <http://www.trialresultscenter.org/go-Q512>
- antidiabetic drugs for diabetes type 2 in patients inadequately controlled with insulin at <http://www.trialresultscenter.org/go-Q513>
- insulin secretagogues - DPP-4 inhibitors for diabetes type 2 in all types of patients at <http://www.trialresultscenter.org/go-Q550>
- glucose lowering for cardiovascular prevention for diabetes type 2 in all type of patients at <http://www.trialresultscenter.org/go-Q576>
- glucose lowering for cardiovascular prevention for diabetes type 2 in meta-regression at <http://www.trialresultscenter.org/go-Q692>

## References

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**EC409, :**

**PROACTIVE, :**

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**PNFP-026, :**

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**OPI-502, :**

**PNFP-014, :**

**PNFP-027, :**

**GLAI, :**

**EC405, :**

**OPI-501, :**

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**OPI-506, 0:**

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ongoing trial NCT01183013

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