

Clinical trials of nateglinide

TrialResults-center www.trialresultscenter.org

1 diabetes type 2

Trial	Treatments	Patients	Trials design and methods
nateglinide vs glibenclamide (add on MET)			
Derosa , 2009 n=124/124 follow-up: 12 months	nateglinide versus glibenclamide	nave type 2 diabetic patients treated with metformin	double-blind
nateglinide vs glyburide (add on MET)			
PRESERVE-beta n=NA follow-up:	-	-	-
nateglinide + metformin vs metformin			
Horton DOUBLON , 2000 n=172/178 follow-up: 24 weeks	nateglinide (120 mg, ac) and metformin (500 mg, tid) versus 500 mg metformin three times a day	-	-
nateglinide vs placebo			
CDJN608AUS13 n=NA	-	-	-
CDJN608AUS13 n=NA	-	-	-
CDJN608A ES03 <i>unpublished</i> n=NA follow-up:	-	-	-
NAVIGATOR n=NA follow-up:	-	patients with impaired glucose toler-ance (IGT)	-
Schwarz , 2008 n=66 follow-up: 12 weeks	nateglinide monotherapy (120 mg, before meals) versus placebo	drug-nave patients with T2DM aged >or=65 years	double-blind

continued...

Trial	Treatments	Patients	Trials design and methods
Schwarz (study 2) , 2008 n=NA follow-up: 12 weeks	nateglinide monotherapy (120 mg, before meals) versus placebo	drug-naïve patients with T2DM aged >or=65 years	double-blind
NAVIGATOR nateglinide , 2010 [NCT00097786] n=4645/4661 follow-up: 5 years	nateglinide 60mg 3 times daily versus placebo	subjects with impaired glucose tolerance and either CV disease or CV risk factors	Factorial plan double-blind 40 countries
Hanefeld , 1990 n=229/60 follow-up: 12 weeks	nateglinide at doses of 30 mg, 60 mg, 120 mg, or 180 mg versus placebo	-	Parallel groups double-blind
Horton , 2000 n=179/172 follow-up:	120 mg nateglinide before meals versus placebo	patients with an HbA1c level between 6.8 and 11.0% during a 4-week placebo run-in	Parallel groups double-blind
Mari , 2005 n=108 follow-up: 24 weeks	30, 60, or 120 mg nateglinide versus placebo	mild type 2 diabetic men and women (fasting glucose 7.0-8.3 mmol/l) on diet treatment	Parallel groups double-blind
Marre , 2002 n=NA follow-up:	nateglinide 60 mg, 120 mg before three meals versus placebo	metformin-treated patients with HbA1c between 6.8% and 11%	Parallel groups double-blind
Moses , 2001 n=408 follow-up: 16 weeks	0.5 mg repaglinide at mealtimes (increased to 1 mg after 4 weeks depending on blood glucose response) versus placebo	patients with type 2 diabetes considered poorly controlled by diet, but without a history of previous antidiabetic medication	Parallel groups double-blind
Saloranta , 2002 n=675 follow-up: 24 weeks	nateglinide (30, 60, or 120 mg, with meals). versus placebo	patients with type 2 diabetes but only moderately elevated fasting plasma glucose (FPG = 7.0-8.3 mmol/liter)	Parallel groups double-blind
nateglinide vs placebo (add on insulin)			
Dashora , 2007 n=55 follow-up: 16 weeks	nateglinide before meals versus placebo	-	double-blind
nateglinide vs placebo (add on insulin+MET)			

continued...

Trial	Treatments	Patients	Trials design and methods
Juurinen , 2009 n=NA follow-up: 24 weeks	nateglinide (120 mg three times daily) before main meals versus placebo (add on insulin+MET)	Type 2 diabetes treated with the combination of basal insulin and metformin	Parallel groups double-blind
nateglinide vs placebo (add on standard treatment)			
NCT00402909 [NCT00402909] n=NA follow-up:	-	patients with type 2 diabetes who are not achieving glycemic control with glargine, metformin and/or thiazolidinedione only	double-blind
nateglinide vs repaglinide			
Rosenstock , 2004 n=74/76 follow-up: 16 week	nateglinide monotherapy versus repaglinide monotherapy	type 2 diabetic patients previously treated with diet and exercise	open
Li , 2009 n=NA follow-up:	Nateglinide versus repaglinide	-	
Li , 2007 n=115/115 follow-up: 12 weeks	nateglinide 90 mg three times daily versus repaglinide 1.0 mg three times daily	Chinese patients with type 2 diabetes	Parallel groups
nateglinide vs placebo (add on TZD)			
026-CL-004 <i>ongoing</i> [NCT00189774] n=NA follow-up:	nateglinide versus placebo (on top pioglytazone)	inadequately controlled type 2 diabetic patients with pioglitazone treatment	double-blind Japan
nateglinide vs gliclazide (add on MET)			
Ristic , 2006 n=133/129 follow-up: 24 weeks	nateglinide plus metformin versus gliclazide plus metformin	Patients with inadequate glucose control on maximal doses of metformin	Parallel groups double-blind

More details and results :

- antidiabetic drugs for diabetes type 2 in all types of patients at <http://www.trialresultscenter.org/go-Q81>
- prevention for diabetes type 2 in all type of patients at <http://www.trialresultscenter.org/go-Q341>
- insulin secretagogues for diabetes type 2 in all type of patients at <http://www.trialresultscenter.org/go-Q409>
- prevention for diabetes type 2 in people with impaired glucose tolerance at <http://www.trialresultscenter.org/go-Q416>
- antidiabetic drugs for diabetes type 2 in patients inadequately controlled on metformin at <http://www.trialresultscenter.org/go-Q509>

- antidiabetic drugs for diabetes type 2 in patients inadequately controlled on monotherapy at <http://www.trialresultscenter.org/go-Q512>
- insulin secretagogues - Meglitinides (glinides) for diabetes type 2 in all types of patients at <http://www.trialresultscenter.org/go-Q549>

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2 impaired fasting glucose

Trial	Treatments	Patients	Trials design and methods
nateglinide vs placebo			
NAVIGATOR nateglinide , 2010 [NCT00097786] n=4645/4661 follow-up: 5 years	nateglinide 60mg 3 times daily versus placebo	subjects with impaired glucose tolerance and either CV disease or CV risk factors	Factorial plan double-blind 40 countries

More details and results :

- prevention for impaired fasting glucose in all type of patients at <http://www.trialresultscenter.org/go-Q342>

References

NAVIGATOR nateglinide, 2010:

Effect of Nateglinide on the Incidence of Diabetes and Cardiovascular Events. *N Engl J Med* 2010 Mar 14;: [20228402] [10.1056/NEJMoa1001122](https://doi.org/10.1056/NEJMoa1001122)

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