Clinical trials of sitagliptin

TrialResults-center www.trialresultscenter.org

1 diabetes type 2

Trial	Treatments	Patients	Trials design and methods
sitagliptin vs			
Stafford , 2011 [NCT00451113] n=NA follow-up:	-	older adults with type 2 diabetes mellitus	
sitagliptin vs control (add on MET)			
Reasner , 2011 [NCT00482729)] n=NA follow-up:	sitagliptin/metformin 50/500 mg bid uptitrated over 4 weeks to achieve maximum doses of sitagliptin/metformin 50/1000 mg bid versus metformin monotherapy	drug-naive patients with type 2 diabetes	Cross over NA
sitagliptin vs glimepiride (add on MET)			
Arechavaleta , 2011 [NCT00701090] n=516/519 follow-up: 30 weeks	sitagliptin 100 mg daily versus glimepiride (starting dose 1 mg/day and up-titrated, based upon patient's self-monitoring of blood glucose results, to a maximum dose of up to 6 mg/day)	patients with type 2 diabetes inadequately controlled on metformin monotherapy	Parallel groups double-blind
sitagliptin monotherapy vs metformin			
Aschner , 2010 [NCT00449930] n=528/522 follow-up: 24 weeks	once-daily sitagliptin 100 mg versus twice-daily metformin 1000 mg	treatment-nave patients with type 2 diabetes	double-blind
sitagliptin+pio vs metformin+pio			
Derosa , 2010 n=NA follow-up:	pioglitazone 30 mg plus sitagliptin 100 mg once a day versus pioglitazone 15 mg plus metformin 850 mg twice a day	poorly controlled type 2 diabetes mellitus patients	
sitagliptin vs placebo			

continued...

Trial	Treatments	Patients	Trials design and methods
Goldstein , 2007 [NCT00103857] n=NA follow-up:	sitagliptin 100 mg daily versus placebo	-	
Hanefeld , 2007 n=NA follow-up:	sitagliptin 25 mg or 50 mg or 100 mg dailyi versus placebo	-	
TECOS , 2015 [NCT00790205] n=7332/7339 follow-up: 3.0 years (median)	sitagliptin phosphate, one 50 mg or one 100 mg tablet (dose dependant on renal function) orally, once daily versus placebo	patients with Type 2 Diabetes Mellitus having a history of cardiovascular disease and a hemoglobin A1c (HbA1c) of 6.5% to 8.0%	Parallel groups double-blind 38 countries
sitagliptin 50mg bid monotherapy vs placebo			
Scott* (sit vs pbo) , 2007 n=NA follow-up:	sitagliptin 50 mg b.i.d versus placebo	-	
sitagliptin monotherapy vs placebo			
Aschner , 2006 [NCT00087516] n=NA follow-up: 24 weeks	sitagliptin 100 or 200 mg dailym versus placebo	patients with type 2 diabetes	
Barzilai , 2011 [NCT00305604] n=NA follow-up: 24 weeks	once-daily sitagliptin (100 or 50 mg, depending on renal function) versus placebo	elderly patients with type 2 diabetes	double-blind US
Chan , 2008 n=65/26 follow-up: 12 weeks	sitagliptin versus placebo	patients with type 2 diabetes and chronic renal insufficiency	double-blind
Mohan , 2009 n=NA follow-up: 18 weeks	sitagliptin 100mg once daily monotherapy versus placebo	Chinese, Indian, and Korean patients with type 2 diabetes inadequately controlled by diet and exercise.	double-blind
Nonaka , 2008 [NCT00371007] n=NA follow-up:	sitagliptin 100 mg daily monotherapy versus placebo	Japanese patients with type 2 diabetes	double-blind
Raz , 2006 n=NA follow-up:	sitagliptin 100 mg (or 200 mg) daily versus placebo	patients with type 2 diabetes mellitus and inadequate glycaemic control	

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Trial	Treatments	Patients	Trials design and methods
sitagliptin vs placebo (add on insulin+/-MET)			
Vilsbll , 2010 [NCT00395343] n=322/319 follow-up:	once-daily sitagliptin 100 mg versus placebo	patients with type 2 diabetes inadequately controlled on long-acting, intermediate-acting or premixed insulin	double-blind
sitagliptin vs placebo (add on MET)			
Charbonnel , 2006 [NCT0086515] n=NA follow-up:	sitagliptin 100 mg daily (add-on to metformin therapy)j versus placebo (add-on tometformin therapy);	-	
Nauck , 2007 [NCT00094770] n=NA follow-up:	sitagliptin 100 mg daily (add-on to metformin therapy)j versus placebo (add-on to metformin therapy);	-	
raz , 2008 [NCT00337610] n=NA follow-up:	sitagliptin 100 mg once daily versus placebo	patients with type 2 diabetes	
Scott** (sit vs pbo on top met) , 2007 n=NA follow-up:	sitagliptin 100 mg daily (add-on to metformin therapy)j versus placebo (add-on to metformin therapy).	patients with type 2 diabetes who were inadequately on mET monotherapy	
sitagliptin vs placebo (add on PIO)			
Rosenstock , 2006 [NCT00086502] n=NA follow-up: 24 weeks	sitagliptin 100 mg once daily versus placebo	patients with type 2 diabetes and inadequate glycemic control	double-blind
sitagliptin vs placebo (on top PIO)			
Rosenstock (sit on top pio vs pbo) , 2006 [NCT00086502] n=NA follow-up:	sitagliptin 100 mg daily (add-on to pioglitazone therapy)sl versus placebo (add-on to pioglitazone therapy);	-	
sitagliptin vs placebo (on-top glimepiride+/- metformine)			

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Trial	Treatments	Patients	Trials design and methods
Hermansen , 2007 n=NA follow-up:	sitagliptin 100 mg daily (add-on to ongoing stable doses of glimepiride, alone or in combination with metformin)ocumen versus placebo (add-on to ongoing stable doses of glimepiride, alone or in combination with metformin);	-	
sitagliptin vs rosiglitazone (add on MET)			
Rigby , 2010 n=NA follow-up: 16 weeks	sitagliptin phosphate, 100 mg daily versus rosiglitazone maleate, 4 mg daily	type 2 diabetes mellitus inadequately controlled by metformin monotherapy	open
sitagliptin vs Sulphonylurea (on top MET)			
Al Sifri , 2011 n=507/514 follow-up:	sitagliptin 100 mg qd versus prestudy sulphonylurea	Muslim patients with type 2 diabetes who were treated with a stable dose of a sulphonylurea with or without metformin for at least 3 months	Parallel groups open
sitagliptin monotherapy vs voglibose			
Iwamoto , 2010 n=NA follow-up: 12 weeks	sitagliptin 50 mg once daily monotherapy versus voglibose 0.2 mg thrice daily before meals	Japanese patients with type 2 diabetes	double-blind
sitagliptin 50mg bid monotherapy vs glipizide			
Scott* (sit vs glipi) , 2007 n=NA follow-up: 12 weeks	sitagliptin 50mg bid versus glipizide 5mg to 20 mg dailyitm	patients with type 2 diabetes who have inadequate glycaemic control on diet and exercise	double-blind
sitagliptin vs metformin			
Goldstein (sit vs met) , 2007 n=NA follow-up:	sitagliptin 100 dailyily versus metformin 1000 mg or 2000 mg daily;imag	-	
Goldstein (sit+met vs met) , 2007 n=NA follow-up:	sitagliptin 50 mg daily plus metformin 1000 or 2000 mg daily4 $versus$ $metformin1000or2000mgdaily$	-	
sitagliptin vs pioglitazone			
Prez-Monteverde , 2011 [NCT00541450] n=NA follow-up: 12 weeks	sitagliptin100 mg qd versus pioglitazone 15 mg qd, up-titrated to 30 mg after 6 weeks	drug-nave patients with type 2 diabetes	double-blind

More details and results :

- 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 metformin at http://www.trialresultscenter.org/go-Q509
- antidiabetic drugs for diabetes type 2 in patients with insufficient glycaemic control with bitherapy at http://www.trialresultscenter.org/go-Q511
- antidiabetic drugs for diabetes type 2 in patients inadequately controlled on monotherapy at http://www.trialresultscenter.org/go-Q512
- 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

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