

Clinical trials of insulin sensitizer - biguanides for diabetes type 2 in all type of patients

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1 biguanide

Trial	Treatments	Patients	Trials design and methods
metformin vs Acarbose			
Maji vs acarbose n=48/48 follow-up: 156	500 versus Acarbose	-	
metformin vs Glibenclamide			
Yki-Yarvinen vs glibenclamide , 1999 n=19/22 follow-up: 52	2.000 versus Glibenclamide	-	
Kahn (ADOPT) vs glibenclamide n=1454/1441 follow-up: 208	2.000 versus Glibenclamide	-	
metformin vs Glimepiride			
Yamanouchi vs glimepiride , 2005 n=39/37 follow-up: 52	750 versus Glimepiride	-	
metformin vs Glipizide/			
Vahatalo vs glipizide/glimepiride n=26/15 follow-up: 52	2.500- versus Glipizide/	-	
metformin vs Insulin			
Yki-Yarvinen vsinsulin n=19/24 follow-up: 52	2.000 versus Insulin	-	
Klein , 1991 n=25/25 follow-up: 52	2.550 versus Insulin	-	
Barnett , 2008 n=211/235 follow-up: 128	NR versus Insulin	-	
metformin vs None			

continued...

Trial	Treatments	Patients	Trials design and methods
Vahatalo vs control , 2007 n=26/11 follow-up: 52	2.500 versus None	-	
Maji vs control , 2005 n=48/90 follow-up: 156	500 versus None	-	
UKPDS 34 vs control n=342/411 follow-up: 556	2.550 versus None	-	
UKPDS 34 bis n=268/269 follow-up: 343	2.550 versus None	-	
Zhang n=49/45 follow-up: 76	750 versus None	-	
Ramachandran n=262/269 follow-up: 156	500 versus None	-	
metformin vs Pioglitazone			
Yamanouchi vs pioglitazone n=39/38 follow-up: 52	750 versus Pioglitazone	-	
Shernthaner , 2004 n=597/597 follow-up: 52	2.000 versus Pioglitazone	-	
Derosa , 2009 n=67/69 follow-up: 64	3.000 versus Pioglitazone	-	
Charbonnel , 2005 n=320/319 follow-up: 104	2.550 versus Pioglitazone	-	
metformin vs placebo			
Hermann , 2001 n=16/19 follow-up: 52 weeks	metformin 65279;1.700 versus Placebo	obese and overweight type 2 diabetes patients treated with insulin for at least 1 year, and with poor glycaemic control (HbA1c >upper reference level + 2%)	Parallel groups double-blind
Douek , 2005 n=92/91 follow-up: 52	2.000 versus Placebo	-	
Gregorio , 1999 n=89/85 follow-up: 76	1.700 versus Placebo	-	

continued...

Trial	Treatments	Patients	Trials design and methods
Teupe , 1991 n=50/50 follow-up: 104	1.700 versus Placebo	Type 2 diabetic patients	Parallel groups open Canada
Kooy (HOME) , 2009 n=196/194 follow-up: 220	2.000 versus Placebo	Patients with type 2 diabetes	Parallel groups double blind
palomba n=15/15 follow-up: 52	1.700 versus Placebo	-	
Ibanez n=12/12 follow-up: 52	850 versus Placebo	-	
Harborne n=26/26 follow-up: 52	1.500 versus Placebo	-	
Li n=33/37 follow-up: 52	2.000 versus Placebo	-	
Martinez n=35/73 follow-up: 52	1.700 versus Placebo	-	
Gambineri n=40/40 follow-up: 52	1.700 versus Placebo	-	
Lund n=49/51 follow-up: 52	2.000 versus Placebo	-	
BIGPRO (Charles) n=164/160 follow-up: 52	1.700 versus Placebo	-	
Stakos vs placebo n=59/97 follow-up: 104	500 versus Placebo	-	
Shuster n=45/81 follow-up: 104	500 versus Placebo	-	
DPP (Knowler) n=1073/1082 follow-up: 156	1.700 versus Placebo	-	
Ibanez 62 n=19/19 follow-up: 208	425 versus Placebo	-	

metformin vs Rosiglitazone

continued...

Trial	Treatments	Patients	Trials design and methods
maji vs rosiglitazone n=48/48 follow-up: 156	500 versus Rosiglitazone	-	
ADOPT vs rosiglitazone n=1454/1456 follow-up: 208	2.000 versus Rosiglitazone	-	
RECORD n=1122/1103 follow-up: 260	2.550 versus Rosiglitazone	-	
Tomazic n=30/30 follow-up: 52	1.000 versus Rosiglitazone	-	
metformin vs Vildagliptin			
Schweizer , 2007 n=254/526 follow-up: 52	2.000 versus Vildagliptin	-	
metformin vs Glipizide			
Campbell , 1994 n=24/24 follow-up: 52	1.000 versus Glipizide	-	
Stakos vs glipizide n=59/25 follow-up: 104	500 versus Glipizide	-	
metformin vs SU/Insulin			
UKPDS (vs SU or INS) n=342/951 follow-up: 556	2.550 versus SU/Insulin	Type 2 diabetic patients	Parallel groups open UK

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2 About TrialResults-center.org

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