

- diabetes mellitus and metabolic syndrome. *Pharmacotherapy*. 2005; 25:637-45. [PMID: 15899724]
84. Garber A, Klein E, Bruce S, Sankoh S, Mohideen P. Metformin-glibenclamide versus metformin plus rosiglitazone in patients with type 2 diabetes inadequately controlled on metformin monotherapy. *Diabetes Obes Metab*. 2006;8:156-63. [PMID: 16448519]
 85. Maffioli P, Fogari E, D'Angelo A, Perrone T, Derosa G. Ultrasonography modifications of visceral and subcutaneous adipose tissue after pioglitazone or glibenclamide therapy combined with rosuvastatin in type 2 diabetic patients not well controlled by metformin. *Eur J Gastroenterol Hepatol*. 2013;25:1113-22. [PMID: 23524525] doi:10.1097/MEG.0b013e3283608317
 86. Petrica L, Petrica M, Vlad A, Dragos Jianu C, Gluhovschi G, Ianculescu C, et al. Nephro- and neuroprotective effects of rosiglitazone versus glimepiride in normoalbuminuric patients with type 2 diabetes mellitus: a randomized controlled trial. *Wien Klin Wochenschr*. 2009;121:765-75. [PMID: 20047115] doi:10.1007/s00508-009-1279-3
 87. Hamann A, Garcia-Puig J, Paul G, Donaldson J, Stewart M. Comparison of fixed-dose rosiglitazone/metformin combination therapy with sulphonylurea plus metformin in overweight individuals with type 2 diabetes inadequately controlled on metformin alone. *Exp Clin Endocrinol Diabetes*. 2008;116:6-13. [PMID: 18095238]
 88. Roden M, Weng J, Eilbracht J, Delafont B, Kim G, Woerle HJ, et al; EMPA-REG MONO trial investigators. Empagliflozin monotherapy with sitagliptin as an active comparator in patients with type 2 diabetes: a randomised, double-blind, placebo-controlled, phase 3 trial. *Lancet Diabetes Endocrinol*. 2013;1:208-19. [PMID: 24622369] doi:10.1016/S2213-8587(13)70084-6
 89. Rosenstock J, Inzucchi SE, Seufert J, Fleck PR, Wilson CA, Mekki Q. Initial combination therapy with alogliptin and pioglitazone in drug-naïve patients with type 2 diabetes. *Diabetes Care*. 2010;33:2406-8. [PMID: 20724648] doi:10.2337/dc10-0159
 90. St John Sutton M, Rendell M, Dandona P, Dole JF, Murphy K, Patwardhan R, et al. A comparison of the effects of rosiglitazone and glyburide on cardiovascular function and glycemic control in patients with type 2 diabetes. *Diabetes Care*. 2002;25:2058-64. [PMID: 12401757]
 91. Kaku K. Efficacy and safety of therapy with metformin plus pioglitazone in the treatment of patients with type 2 diabetes: a double-blind, placebo-controlled, clinical trial. *Curr Med Res Opin*. 2009;25:1111-9. [PMID: 19309251] doi:10.1185/03007990902820816
 92. Bailey CJ, Bagdonas A, Rubes J, McMorn SO, Donaldson J, Biswas N, et al. Rosiglitazone/metformin fixed-dose combination compared with uptitrated metformin alone in type 2 diabetes mellitus: a 24-week, multicenter, randomized, double-blind, parallel-group study. *Clin Ther*. 2005;27:1548-61. [PMID: 16330291]
 93. Fonseca V, Rosenstock J, Patwardhan R, Salzman A. Effect of metformin and rosiglitazone combination therapy in patients with type 2 diabetes mellitus: a randomized controlled trial. *JAMA*. 2000; 283:1695-702. [PMID: 10755495]
 94. Feinglos M, Dailey G, Cefalu W, Osei K, Tayek J, Canovatchel W, et al. Effect on glycemic control of the addition of 2.5 mg glipizide GITS to metformin in patients with T2DM. *Diabetes Res Clin Pract*. 2005;68:167-75. [PMID: 15860246]
 95. Garber AJ, Donovan DS Jr, Dandona P, Bruce S, Park JS. Efficacy of glyburide/metformin tablets compared with initial monotherapy in type 2 diabetes. *J Clin Endocrinol Metab*. 2003;88:3598-604. [PMID: 12915642]
 96. Goldstein BJ, Pans M, Rubin CJ. Multicenter, randomized, double-masked, parallel-group assessment of simultaneous glipizide/metformin as second-line pharmacologic treatment for patients with type 2 diabetes mellitus that is inadequately controlled by a sulphonylurea. *Clin Ther*. 2003;25:890-903. [PMID: 12852706]
 97. Marre M, Howlett H, Leher P, Allavoine T. Improved glycaemic control with metformin-glibenclamide combined tablet therapy (Glucovance) in type 2 diabetic patients inadequately controlled on metformin. *Diabet Med*. 2002;19:673-80. [PMID: 12147149]
 98. Garber AJ, Larsen J, Schneider SH, Piper BA, Henry D; Glyburide/Metformin Initial Therapy Study Group. Simultaneous glyburide/metformin therapy is superior to component monotherapy as an initial pharmacological treatment for type 2 diabetes. *Diabetes Obes Metab*. 2002;4:201-8. [PMID: 12047399]
 99. Hermann LS, Scherstén B, Bitzén PO, Kjellström T, Lindgärde F, Melander A. Therapeutic comparison of metformin and sulfonylurea, alone and in various combinations. A double-blind controlled study. *Diabetes Care*. 1994;17:1100-9. [PMID: 7821128]
 100. Hermann LS, Bitzén PO, Kjellström T, Lindgärde F, Scherstén B. Comparative efficacy of metformin and glibenclamide in patients with non-insulin-dependent diabetes mellitus. *Diabet Metab*. 1991; 17:201-8. [PMID: 1936477]
 101. Charpentier G, Fleury F, Kabir M, Vaur L, Halimi S. Improved glycaemic control by addition of glimepiride to metformin monotherapy in type 2 diabetic patients. *Diabet Med*. 2001;18:828-34. [PMID: 11678974]
 102. DeFronzo RA, Goodman AM. Efficacy of metformin in patients with non-insulin-dependent diabetes mellitus. The Multicenter Metformin Study Group. *N Engl J Med*. 1995;333:541-9. [PMID: 7623902]
 103. Forst T, Uhlig-Laske B, Ring A, Graefe-Mody U, Friedrich C, Herbach K, et al. Linagliptin (BI 1356), a potent and selective DPP-4 inhibitor, is safe and efficacious in combination with metformin in patients with inadequately controlled type 2 diabetes. *Diabet Med*. 2010;27:1409-19. [PMID: 21059094] doi:10.1111/j.1464-5491.2010.03131.x
 104. Bergenstal RM, Forti A, Chiasson JL, Woloschak M, Boldrin M, Balena R. Efficacy and safety of taspoglutide versus sitagliptin for type 2 diabetes mellitus (T-emerge 4 trial). *Diabetes Ther*. 2012;3:13. [PMID: 23138449] doi:10.1007/s13300-012-0013-8
 105. Reasner C, Olansky L, Seck TL, Williams-Herman DE, Chen M, Terranella L, et al. The effect of initial therapy with the fixed-dose combination of sitagliptin and metformin compared with metformin monotherapy in patients with type 2 diabetes mellitus. *Diabetes Obes Metab*. 2011;13:644-52. [PMID: 21410627] doi:10.1111/j.1463-1326.2011.01390.x
 106. Yang W, Pan CY, Tou C, Zhao J, Gause-Nilsson I. Efficacy and safety of saxagliptin added to metformin in Asian people with type 2 diabetes mellitus: a randomized controlled trial. *Diabetes Res Clin Pract*. 2011;94:217-24. [PMID: 21871686] doi:10.1016/j.diabres.2011.07.035
 107. Yang W, Guan Y, Shentu Y, Li Z, Johnson-Levonas AO, Engel SS, et al. The addition of sitagliptin to ongoing metformin therapy significantly improves glycemic control in Chinese patients with type 2 diabetes. *J Diabetes*. 2012;4:227-37. [PMID: 22672586] doi:10.1111/j.1753-0407.2012.00213.x
 108. Derosa G, Carbone A, D'Angelo A, Querci F, Fogari E, Cicero AF, et al. Variations in inflammatory biomarkers following the addition of sitagliptin in patients with type 2 diabetes not controlled with metformin. *Intern Med*. 2013;52:2179-87. [PMID: 24088749]
 109. White JL, Buchanan P, Li J, Frederich R. A randomized controlled trial of the efficacy and safety of twice-daily saxagliptin plus metformin combination therapy in patients with type 2 diabetes and inadequate glycemic control on metformin monotherapy. *BMC Endocrinol Disord*. 2014;14:17. [PMID: 24565221] doi:10.1186/1472-6823-14-17
 110. Ross SA, Rafeiro E, Meinicke T, Toorawa R, Weber-Born S, Woerle HJ. Efficacy and safety of linagliptin 2.5 mg twice daily versus 5 mg once daily in patients with type 2 diabetes inadequately controlled on metformin: a randomised, double-blind, placebo-controlled trial. *Curr Med Res Opin*. 2012;28:1465-74. [PMID: 22816729]
 111. Nauck MA, Ellis GC, Fleck PR, Wilson CA, Mekki Q; Alogliptin Study 008 Group. Efficacy and safety of adding the dipeptidyl peptidase-4 inhibitor alogliptin to metformin therapy in patients with type 2 diabetes inadequately controlled with metformin monotherapy: a multicentre, randomised, double-blind, placebo-controlled study. *Int J Clin Pract*. 2009;63:46-55. [PMID: 19125992] doi:10.1111/j.1742-1241.2008.01933.x