



MEDICAL TIPS

DIABIZ TABLETS

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Renal, cardiovascular, and safety outcomes of adding sodium–glucose cotransporter-2 inhibitors to insulin therapy in patients with type-2 diabetes: a meta-analysis

Zhang Q, et al. *Int. Urol. Nephrol.* 2023: 1-14

- Meta-analysis of 14 randomized controlled trails to understand the effect of adding sodium-glucose cotransporter-2 inhibitors (SGLT2is) to insulin (INS) in type 2 diabetics (n=6120) was conducted.
- Compared with the INS group, the SGLT2i+INS group showed decreased glycosylated hemoglobin values and insulin dosages ($p < 0.00001$).
- SGLT2i + INS group had a reduced urinary albumin/creatinine ratio and uric acid concentration ($p = 0.030$; $p = 0.001$, respectively) without reduction in the estimated glomerular filtration rate (eGFR).
- Blood pressure and body weight were also lower in the SGLT2is + INS group ($P < 0.01$).

Adding SGLT2i to insulin therapy in T2DM patients showed better glucose control and renal outcomes.

