



MEDICAL TIPS

BLUGLIP TABLETS

Issue III, No. 10, 2022

Clinical diagnosis and Safety of Vildagliptin versus Sitagliptin with Metformin over Patients of Type-2 Diabetes Mellitus (T2DM)

Yadav p et al. International Journal of Pharmaceutical Research 2022; 14(1).

- A comparative observational study was conducted to compare the efficacy of vildagliptin vs sitagliptin when added to metformin in T2DM management.
- 150 T2DM patients with a base line HbA1c of >7.0 and $<10.5\%$ were divided to be administered either vildagliptin (50mg) or sitagliptin (50mg) to existing metformin (500mg) for a period of 28 weeks.
- Blood glucose profile including FPG, PPG, HbA1c, body weight was monitored.
- Similar reductions were observed in the blood glucose parameters, however vildagliptin showed a reduction in the weight whereas sitagliptin showed an increase.

Both groups produced significant improvement and safety in blood glucose management in T2DM patients. However, vildagliptin showed more benefits as compared to sitagliptin.

