



## MEDICAL TIPS

### BLUGLIP TABLETS

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#### **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.**

