Evaluation of the Safety and Efficacy of Teneligliptin at a Higher Dose in Indian Type 2 Diabetes Patients: A Retrospective Analysis.

Mitra A and Ray S. Cureus. 2020 Jan 29; 12(1):e6812.

- This was a retrospective, single-centre, observational study.
- Conducted at a diabetic clinic in India in type 2 DM patients who have been treated with teneligliptin 40 mg once daily as add-on therapy with diet, exercise, and the maximal tolerable dose of metformin for 3 months.
- There was a significant reduction in fasting blood sugar, postprandial blood sugar, and HbA1c at the end of the 3 months treatment in comparison to the baseline level.
- The teneligliptin treatment did not cause any significant reduction in body mass index (BMI) before and after treatment.

The current results demonstrated a high level of efficacy as an addon therapy of teneligliptin at a high dose with inadequately controlled type 2 DM subjects in India. The study results also indicate the good tolerance of teneligliptin with no critical adverse event.