

The effect of proton pump inhibitors on glycaemic control in diabetic patients

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- Randomised interventional clinical study was conducted in sample size of 80 patients of either gender with Type 2 DM & without any co-morbidities.
- Group A received Metformin and Glimepiride & Group B additionally was given Omeprazole.
- After 12 weeks of omeprazole therapy, a more significant improvement in glycaemic control in group B compared to group A was observed.
- Fasting Blood Sugar [FBS] (108 ± 2.37 vs. 126 ± 2.9 , $P = 0.001$) and glycated Hemoglobin [HbA1c] (7.29 ± 0.07 vs. 7.47 ± 0.04 , $P = 0.030$) levels decreased.

The addition of a proton pump inhibitor along with anti-diabetic medications was considered effective in achieving better glycaemic control.