



ANALYZING MARKET POTENTIAL OF GLIPTINS

By-
Kartikey Sharma (0245)

Under the guidance of
Dr. Rahul Sharma



Gliptins



- *Diabetes is a disease that occurs when your blood glucose, also called blood sugar, is too high so happens due to improper functioning of pancreas hence required insulin is not produced to lower down blood glucose*
- *Dipeptidyl peptidase-4 (DPP-4) inhibitors are a relatively new class of oral diabetes drugs. Also known as gliptins, they are usually prescribed for people with type 2 diabetes who have not responded well to drugs such as metformin*
- *DPP-4 inhibitors may help with weight loss as well as decreasing blood glucose levels*



OBJECTIVE

Objectives

- *In order to recognize the market outline of group of gliptins in type 2 diabetes mellitus*
- *In order to know the pattern of group of gliptins in type two diabetes*

METHODOLOGY



STUDY DESIGN

The descriptive research was done and it was cross sectional



DURATION OF STUDY

The study duration is 3 months from March – June 2022

DURATION OF STUDY



Area of study

The study was carried out in Bhopal city.



DATA COLLECTION PROCEDURE

Primary data- The primary data for this project was assembled via survey utilizing inquiry, confronting some questions.

Secondary data- via responsible items and research papers subordinate dossier for this analysis got collected.



No. of T2DM patients	Counting of patients	% of patients
Lesser than 10	3	4
10-20	7	10
20-30	10	15
30-40	14	21
More than 40	33	49



Most prescribed brand	Response	% response
Januvia	18	43%
Galvus	3	7%
Onglyza	2	5%
Ziten	17	40%
Tregenta	0	0%
Zomelis	2	5%

Conclusion

- *Type 2 diabetes-The body's inefficient functioning of insulin causes type 2 diabetes, also known as non-insulin-dependent or adult-onset.*
- *Type 2 diabetes affects more than 95% of those who have the disease. This particular kind of diabetes is primarily brought due to improper functions of pancreas*
- *A relatively recent family of oral diabetic medications is called dipeptidyl peptidase-4 (DPP-4) inhibitors. They are also referred to as gliptins and are typically provided to type 2 diabetics who have not reacted well to medications like metformin,*
- *The gliptins successfully decrease blood sugar levels, don't need to be adjusted, are unlikely to result in hypoglycemia, don't induce weight gain or loss, and are well tolerated.*