

GLYBURIDE

Benefits:

Glyburide, from the class of drugs known as Sulfonylureas, is a diabetes medication that increases the release of insulin in the body. The brand names for Glyburide are Micronase, Diabeta, and Glynase. Glyburide is thought to stimulate the beta cells in the pancreas to release more insulin into the bloodstream. This medication is for type 2 diabetes in adults only. Some studies show it may lower A1c by 1.0%-2.0%

Side Effect and Contraindications:

Common side effects of taking Glyburide are hypoglycemia (low blood glucose). As a precaution, it is recommended to take glyburide 30 minutes before a meal. Also, avoid skipping meals, exercising for too long, or drinking alcohol while taking this medication to reduce risk for hypoglycemia. Hypoglycemia symptoms include headache, hunger, weakness, sweating, blurred vision, dizziness, and tremor. It is advised to carry glucose tablets or hard candy in case of hypoglycemia. Other medication side effects include nausea, heartburn, stomach fullness, and weight gain.

The use of sulfonylureas is contraindicated in people with type 1 diabetes or being treated with insulin. Dosing adjustment may be required for people with active liver disease or kidney disease. Please inform your provider of any other medications or over-the-counter supplements you are taking before starting Glyburide. Do not take this medicine if you are also using bosentan (Tracleer®).

Dosing:

Name of Drug	Dosing of Drug
Micronase, Diabeta	1.25 – 20mg
Glynase	0.75 – 12mg

This medication should be taken 30 minutes before meals. It can be taken once a day before breakfast (or the first main meal) or twice daily as directed by your doctor.

*NOTE: Studies support efficacy and short-term safety of glyburide in pregnancy; however, this medication does cross the placenta and long-term side effects are unknown. American Diabetes Association (ADA) states there should be caution when glyburide is used in pregnancy and deem insulin as the preferred method of treatment.