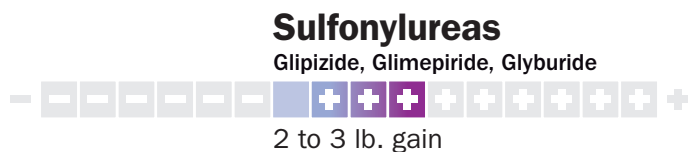
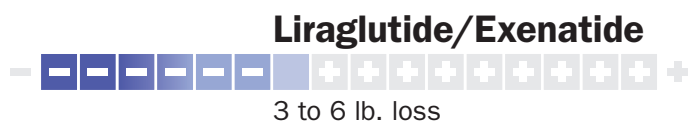
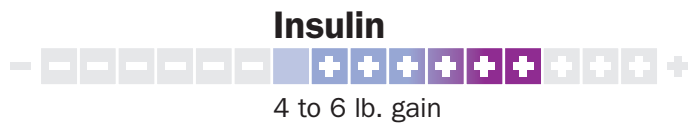
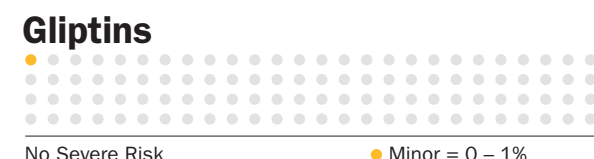
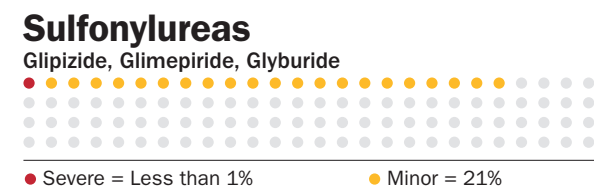
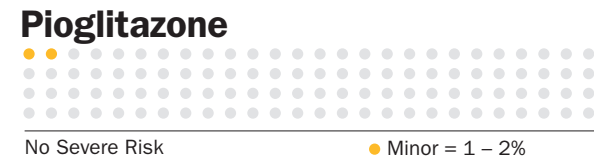
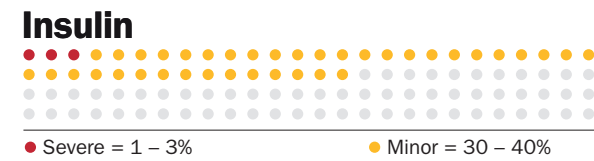
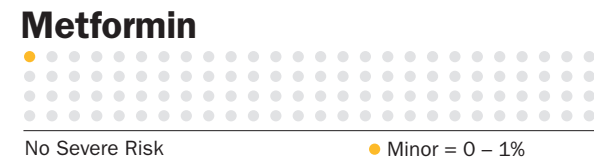


Weight Change



Low Blood Sugar (Hypoglycemia)



Blood Sugar (A1c Reduction)

Metformin 1 – 2%

Insulin Unlimited %

Pioglitazone 1%

Liraglutide/Exenatide 0.5 – 1%

Sulfonylureas 1 – 2%
Glipizide, Glimepiride, Glyburide

Gliptins 0.5 – 1%

SGLT2 Inhibitors 0.5 – 1%

Considerations

Metformin
In the first few weeks after starting Metformin, patients may have some nausea, indigestion or diarrhea.

Insulin
There are no other side effects associated with Insulin.

Pioglitazone
Over time, 10 in 100 people may have **fluid retention (edema)** while taking the drug. For some it may be as little as ankle swelling. For others, **fluid may build up in the lungs making it difficult to breathe.** This may resolve after you stop taking the drug. 10 in 100 people at risk of bone fractures who use this drug will have a bone fracture in the next 10 years. There appears to be a slight increase in the risk of bladder cancer with this drug.

Liraglutide/Exenatide
Some patients may have **nausea** or **diarrhea**. In some cases, the nausea may be severe enough that a patient has to stop taking the drug. There are reports of pain in the abdomen that may be caused by inflammation of the pancreas with these agents.

Sulfonylureas
Glipizide, Glimepiride, Glyburide
Some patients get **nausea, rash** and/or **diarrhea** when they first start taking Sulfonylureas. This type of reaction may force them to stop taking the drug.

Gliptins
A few patients may get **nose and sinus congestion, headaches,** and perhaps be at risk of problems with their pancreas.

SGLT2 Inhibitors
Urinary tract infections and yeast infections are more common among patients taking this medication.

Daily Routine

Daily Sugar Testing (Monitoring)

Cost

Metformin

 **24 HOURS** OR  **AM**  **PM**

Insulin

 **24 HOURS** OR  **AM**  **PM**

Pioglitazone

 **24 HOURS**

Liraglutide / Exenatide

 **24 HOURS** OR  **WEEKLY** /  **AM**  **PM**
Take in the hour before meals.

Sulfonylureas

Glipizide, Glimepiride, Glyburide

 **24 HOURS** OR  **AM**  **PM**

Gliptins

 **24 HOURS**

SGLT2 Inhibitors

 **24 HOURS**

Metformin

S	M	T	W	T	F	S

No monitoring necessary.

Insulin

S	M	T	W	T	F	S
•	•	•	•	•	•	•

Monitor once or twice daily, less often once stable.

Pioglitazone

S	M	T	W	T	F	S

No monitoring necessary.

Liraglutide/Exenatide

S	M	T	W	T	F	S
•	•	•	•	•	•	•

Monitor twice daily after meals when used with Sulfonylureas. Otherwise not needed.

Sulfonylureas

Glipizide, Glimepiride, Glyburide

S	M	T	W	T	F	S
	•		•		•	

Monitor 2 - 5 times weekly, less often once stable.

Gliptins

S	M	T	W	T	F	S

No monitoring necessary.

SGLT2 Inhibitors

S	M	T	W	T	F	S

No monitoring necessary.

These figures are estimates and are for comparative reference only. Actual out-of-pocket costs vary over time, by pharmacy, insurance plan coverage, preparation and dosage. Under some plans name brands may be comparable in cost to generics.

Metformin (Generic available)

\$0.10 per day **\$9 / 3 months**

Insulin (No generic available – price varies by dose)

Lantus:	Vial, per 100 units:	\$26
	Pen, per 100 units:	\$26
NPH:	Vial, per 100 units:	\$2.50
	Pen, per 100 units:	\$28
Short acting analog insulin:	Vial, per 100 units:	\$25
	Pen, per 100 units:	\$30

Pioglitazone (Generic available)

\$0.50 per day **\$42 / 3 months**

Liraglutide/Exenatide (No generic available)

\$20.00 per day **\$1,800 / 3 months**

Sulfonylureas

Glipizide, Glimepiride, Glyburide (Generic available)

\$0.10 per day **\$12 / 3 months**

Gliptins (No generic available)

\$12.00 per day **\$1,100 / 3 months**

SGLT2 Inhibitors (No generic available)

\$12.00 per day **\$1,100 / 3 months**

Diabetes Medication Choice

A guide to choosing the proper medication for you.

- Metformin
- Insulin
- Pioglitazone
- Liraglutide/Exenatide
- Sulfonylureas
- Gliptins
- SGLT2 Inhibitors

This information reflects the best available research studies. It was prepared by Mayo Clinic researchers without funding from makers of diabetes medication.