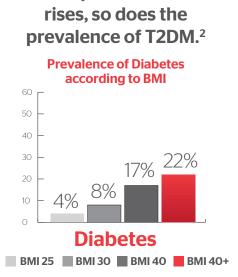
Obesity and Type II Diabetes



are over weight

or obese.1



As a patient's BMI

Obesity is a complex metabolic disease. It is defined by an abnormal or excessive body fat accumulation and identified by a body mass index (BMI) of 30 or higher.^{4,5} Research has demonstrated that hormonal changes with obesity make it very challenging for patients to lose significant weight and keep it off.⁶



The presence of T2DM is a risk for surgery. High blood sugar levels are associated with **risk of infection** during surgery.⁷ T2DM also creates coagulopathy, which affects wound healing.⁸

Obesity-related diseases



The presence of T2DM increases an individual's risk of:³

- Heart and blood vessel disease
- Neuropathy—nerve damage
- Nephropathy—kidney damage
- Eve damage
- Foot damage
- Skin conditions



The longer a patient has T2DM, the more challenging it is to manage the disease and the more likely that there are other health issues. Improving or resolving a patients T2DM condition, even if only for a period of time, provides a better health situation.¹⁰

Treating T2DM doesn't help obesity. Treating obesity DOES help treat T2DM!¹¹

Can bariatric surgery help treat T2DM for the obese patient?

According to the Ethicon funded STAMPEDE study, bariatric surgery with medical therapy resulted in:¹²



- More effective management of poorly controlled diabetes than with intensive medical treatment alone.
- 58% of RYGB patients and 33% of SG patients achieving glycemic control without medications at 3 years post-surgery.

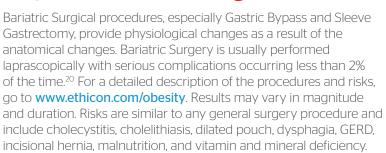
Is it the post bariatric surgery weight loss or hormonal changes that help to improve health?

Bariatric surgery does drive the strongest, most durable weight loss results versus other obesity treatment options.¹³

Treatment	Average Weight Loss at 3 Years	Average Weight Loss at 5 Years
Diet and excercise	-O.1% ¹⁴	-1.6%14
Drug therapy	10.7%15	Not enough data
Surgery	Average Weight Loss at 3 Years	Average Weight Loss at 5 Years
Gastric bypass	71.2%16	60.5% ¹⁷
Sleeve gastrectomy	66.0%18	49.0% ¹⁷

In many cases, early remission of Type II Diabetes occurs days after surgery,

even before major weight loss.¹⁹



Many diabetes medical associations are endorsing bariatric surgery.

"The most clinically relevant impact of surgically-induced weight loss is the ability of the former to completely reverse Diabetes Mellitus in a large percentage of the subjects." - American Heart Association."



The American Diabetes Association (ADA) and the International Diabetes Federation (IDF) recognize bariatric surgery as an official treatment for Type II Diabetes itself. ²¹





For more information, visit Ethicon.com/obesity or contact a bariatric surgeon.

Bariatric surgery is used in morbidly obese adult patients for significant long-term weight loss. Results following bariatric surgery may vary. Bariatric surgery may be appropriate for some patients, and not for others depending on their specific weight, age, and medical history. Patients and doctors should review all available information on non-surgical and surgical options in order to make an informed treatment decision.

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