




Metabolic and Bariatric Surgery Procedures offered at MUSC Health

Procedure	Mechanism of weight loss	Hospital & Recovery	Unique risks/benefits to procedure
 <p>Sleeve Gastrectomy</p>	<ul style="list-style-type: none"> Removes ~80% of the stomach without bypassing intestines Creates a small narrow 'sleeve' shaped stomach and keeps pylorus intact Restricts how much you can eat at one time Reduces your appetite through favorable changes in gut hormones 	<ul style="list-style-type: none"> Procedure takes about 1 hour Inpatient stay 1-2 nights Out of work 2-4 weeks (depending on job) Return to clinic at 1 month postop to transition to regular texture diet 	<ul style="list-style-type: none"> Expected weight loss: 50-70% of excess weight Preexisting reflux (GERD) might be made worse Less effective at diabetes resolution than Bypass or Switch Choice procedure for adolescents, or more complex patients due to no manipulation of small intestine Option for 2nd stage in the future (Duodenal Switch)
 <p>Gastric Bypass</p>	<ul style="list-style-type: none"> Creates a small pouch which is about 85% smaller than the size of your current stomach Restricts how much you can eat at one time Bypasses part of small intestine and limits how much is absorbed Reduces your appetite through favorable changes in gut hormones 	<ul style="list-style-type: none"> Procedure takes about 1-2 hours Inpatient stay 2 nights Out of work 2-4 weeks (depending on job) Return to clinic at 1 month postop to transition to regular texture diet 	<ul style="list-style-type: none"> Expected weight loss: 60-75% of excess weight More effective at diabetes resolution than sleeve Considered anti-reflux procedure due to likelihood of resolving GERD May experience dumping syndrome or reactive hypoglycemia with concentrated sweets Connection between stomach and intestine puts more at risk for ulcer, small bowel obstruction, and internal hernias
 <p>Duodenal Switch</p>	<ul style="list-style-type: none"> Creates a 'sleeve' shaped stomach first Restricts how much you can eat at one time Creates malabsorption by bypassing large part of small intestine after pylorus Reduces your appetite through favorable changes in gut hormones 	<ul style="list-style-type: none"> Procedure takes about 2-3 hours Inpatient stay 2-3 nights Out of work 2-4 weeks (depending on job) Return to clinic in 1-2 weeks for drain removal Return to clinic at 1 month postop to transition to regular texture diet 	<ul style="list-style-type: none"> Expected weight loss: 70-80% of excess weight Complex surgical procedure – experienced surgeons only Protein and fat malabsorption occurs by nature of procedure, which required additional attention to fat soluble vitamins (ADEK) Diarrhea, malodorous bowel movements/gas may occur