

Appendix A: Definitions of Bariatric Surgery

CPT-4 Codes	Description
43770	Laparoscopy, surgical, gastric restrictive procedure: placement of adjustable gastric band
43644	Laparoscopy, surgical, gastric restrictive procedure with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)
43645	Laparoscopy, surgical, gastric restrictive with gastric bypass and small intestine reconstruction to limit absorption
43842	Gastric restrictive procedure, without gastric bypass, for morbid obesity, vertical banded gastroplasty
43843	Other gastric restrictive procedures, without gastric bypass, and other than Vertical Banded Gastroplasty
43844	Laparoscopic gastric restrictive procedure with gastric bypass and Roux en Y gastroenterostomy
43845	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileolieostomy to limit absorption (BPD)
43846	Gastric restrictive procedure, with gastric bypass, for morbid obesity; with short limb (less than 100 cm) Roux-en-Y gastroenterostomy
43847	Gastric restrictive procedure, with small intestine reconstruction to limit absorption; with long limb (>150 cm) Roux-en-Y
43659	Gastrectomy, total; with Roux-en-Y reconstruction; Mini -gastric bypass
S2082	Laparoscopy, surgical; gastric restrictive procedure, adjustable gastric band includes placement of subcutaneous port
S2085	Laparoscopic gastric bypass
ICD-9 Codes	Description
44.68	Laparoscopic gastroplasty Banding Silastic vertical banding Vertical banded gastroplasty (VBG) Code also any synchronous laparoscopic gastroenterostomy (44.38)
44.95	Laparoscopic gastric restrictive procedure Adjustable gastric band and port insertion

The following ICD-9 codes are considered to indicate bariatric surgery when used in conjunction with ICD-9 278.01 (Morbid Obesity) as any diagnosis.

CPT-4 Codes	Description	Additional Requirements
43.89	Partial gastrectomy with bypass gastrogastrostomy Sleeve resection of stomach	with 278.01
44.31	High gastric bypass Printen and Mason gastric bypass	with 278.01
44.38	Laparoscopic gastroenterostomy Bypass: gastroduodenostomy gastroenterostomy gastrogastrostomy Laparoscopic gastrojejunostomy without gastrectomy NEC	with 278.01
44.39	Other gastroenterostomy Bypass gastroduodenostomy gastroenterostomy gastrogastrostomy Gastrojejunostomy without gastrectomy NOS	with 278.01

We excluded patients who have the following ICD-9 diagnosis codes during the same hospitalization as their bariatric procedure

ICD-9	Description
150.x	Malignant neoplasm of esophagus
151.x	Malignant neoplasm of stomach
152.x	Malignant neoplasm of small intestine, including duodenum
157.x	Malignant neoplasm of pancreas
199.x	Malignant neoplasm without specification of site

*** The following three codes must have been listed as the primary diagnosis code for that hospitalization (we will not exclude patients who have these as secondary diagnoses)

531.x	Gastric ulcer
532.x	Duodenal ulcer
533.x	Peptic ulcer, site unspecified

We excluded individuals with the follow revision codes prior to the procedure of interest.

CPT-4 Codes	Description
43771	Laparoscopy, surgical, gastric restrictive procedure; revision of adjustable gastric restrictive device component only
43772	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device component only
43773	Laparoscopy, surgical, gastric restrictive procedure; removal and replacement of adjustable gastric restrictive device component only
43774	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device and subcutaneous port components
43848	Revision, open, of gastric restrictive procedure for morbid obesity other than adjustable gastric restrictive device (separate procedure)
43850	Revision of gastroduodenal anastomosis (gastroduodenostomy) with reconstruction; without vagotomy
43855	Revision of gastroduodenal anastomosis (gastroduodenostomy) with reconstruction; with vagotomy
43860	Revision of gastrojejunal anastomosis (gastrojejunostomy) with reconstruction with or without partial gastrectomy or intestine resection; without vagotomy
43865	Revision of gastrojejunal anastomosis (gastrojejunostomy) with reconstruction with or without partial gastrectomy or intestine resection; with vagotomy
43886	Gastric restrictive procedure open; revision of subcutaneous port component only
43887	Gastric restrictive procedure open; removal of subcutaneous port component only
43888	Gastric restrictive procedure open; removal and replacement of subcutaneous port component only
4469	Other repair of stomach
4496	Laparoscopic revision of gastric restrictive procedure
4497	Laparoscopic removal of gastric restrictive device(s)