



Geisinger Health Plan Policies and Procedure Manual

Policy: MP065

Section: Medical Benefit Policy

Subject: Obesity Surgery

Applicable line of business:

Commercial	x	Medicaid	x
Medicare	x	ACA	x
CHIP	x		

I. Policy: Obesity Surgery

II. Purpose/Objective:

To provide a policy of coverage regarding Obesity Surgery

III. Responsibility:

- A. Medical Directors
- B. Medical Management

IV. Required Definitions

1. Attachment – a supporting document that is developed and maintained by the policy writer or department requiring/authoring the policy.
2. Exhibit – a supporting document developed and maintained in a department other than the department requiring/authoring the policy.
3. Devised – the date the policy was implemented.
4. Revised – the date of every revision to the policy, including typographical and grammatical changes.
5. Reviewed – the date documenting the annual review if the policy has no revisions necessary.

Commercial

Geisinger Health Plan may refer collectively to health care coverage sponsors Geisinger Health Plan, Geisinger Quality Options, Inc., and Geisinger Indemnity Insurance Company, unless otherwise noted. Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization.

Medicare

Geisinger Gold Medicare Advantage HMO, PPO, and HMO D-SNP plans are offered by Geisinger Health Plan/Geisinger Indemnity Insurance Company, health plans with a Medicare contract. Continued enrollment in Geisinger Gold depends on contract renewal. Geisinger Health Plan/Geisinger Indemnity Insurance Company are part of Geisinger, an integrated health care delivery and coverage organization.

CHIP

Geisinger Health Plan Kids (GHP Kids) is a Children's Health Insurance Program (CHIP) offered by Geisinger Health Plan in conjunction with the Pennsylvania Department of Human Services (DHS). Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization.

Medicaid

Geisinger Health Plan Family (GHP Family) is a Medical Assistance (Medicaid) insurance program offered by Geisinger Health Plan in conjunction with the Pennsylvania Department of Human Services (DHS). Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization.

V. Additional Definitions

Medical Necessity or Medically Necessary means Covered Services rendered by a Health Care Provider that the Plan determines are:

- a. appropriate for the symptoms and diagnosis or treatment of the Member's condition, illness, disease or injury;
- b. provided for the diagnosis, and the direct care and treatment of the Member's condition, illness disease or injury;
- c. in accordance with current standards of good medical treatment practiced by the general medical community.
- d. not primarily for the convenience of the Member, or the Member's Health Care Provider; and
- e. the most appropriate source or level of service that can safely be provided to the Member. When applied to hospitalization, this further means that the Member requires acute care as an inpatient due to the nature of the services rendered or the Member's condition, and the Member cannot receive safe or adequate care as an outpatient.

Medicaid Business Segment

Medical Necessity shall mean a service or benefit that is compensable under the Medical Assistance Program and if it meets any one of the following standards:

- (i) The service or benefit will, or is reasonably expected to, prevent the onset of an illness, condition or disability.
- (ii) The service or benefit will, or is reasonably expected to, reduce or ameliorate the physical, mental or development effects of an illness, condition, injury or disability.
- (iii) The service or benefit will assist the Member to achieve or maintain maximum functional capacity in performing daily activities, taking into account both the functional capacity of the Member and those functional capacities that are appropriate for members of the same age.

DESCRIPTION:

Morbid obesity is a condition of persistent and uncontrollable weight gain that constitutes a present or potential threat to life. Obesity is most often defined by the body mass index, a mathematical formula that is used to quantitatively evaluate body fat by reflecting the presence of excess adipose tissue. Body mass index is weight in kilograms divided by height in meters squared (kg/m²). Morbid obesity is characterized by a weight which is at least 100 pounds **or** 100% over the ideal body weight.

INDICATIONS: Requires Prior Medical Director or Designee Authorization All Criteria Must Be Met

The surgical treatment of morbid obesity (i.e. open or laparoscopic Roux-en-Y gastric bypass, single anastomosis Roux-en-Y, single anastomosis duodenal ileostomy (SADI), open or laparoscopic biliopancreatic diversion with or without duodenal switch, open or laparoscopic sleeve gastrectomy, and/or adjustable laparoscopic band gastroplasty*) has been medically proven to improve health outcomes and is therefore medically necessary for selected patients. Patients must meet all of the following criteria:

ADULT CRITERIA (Roux-en-Y gastric bypass (open or laparoscopic), Sleeve Gastrectomy (open or laparoscopic), Biliopancreatic diversion with duodenal switch (BPD/DS)

For Endoscopic Sleeve Gastroplasty – see specific section below

1. Medical documentation of a diagnosis of morbid obesity that has persisted for a minimum of three years (two years for Medicaid business segment), which is supported by a minimum of semi-annual physician office acquired weights per year **and**
 - a) Documented evidence of Class 2* obesity with a body mass index (BMI)** of thirty-five (35) or greater regardless of presence, absence, or severity of comorbidities (**not applicable to Medicare. Surgical treatment for primary obesity is not a covered Medicare service**); **or**
 - b) Documented evidence of Class 1** obesity with a BMI of 30-34, with a diagnosis of at least one of the following comorbidities associated with metabolic disease:
 - diabetes mellitus; **or**
 - obstructive sleep apnea diagnosed by polysomnography and requiring positive airway pressure (CPAP/BIPAP); **or**

- biopsy proven non-alcoholic steatohepatitis (NASH); **or**
- Coronary artery disease with documentation of previous myocardial infarction or angioplasty with stenting; **or**
- Uncontrolled hypertension refractory to maximized doses of at least three (3) anti-hypertensive medications
- Uncontrolled gastroesophageal reflux disease GERD (**NOT applicable to Medicare/Medicaid**)
- Hyperlipidemia refractory to diet and maximum doses of lipid lowering medications (**applicable to Medicare and Medicaid only**)
- Severe arthropathy of spine and/or weight-bearing joints (when obesity prohibits appropriate surgical management of joint dysfunction) (**applicable to Medicare and Medicaid only**)
- Obesity-induced cardiomyopathy (**applicable to Medicare and Medicaid only**)
- Hepatic steatosis without prior evidence of active inflammation (**applicable to Medicare and Medicaid only**)
- Pseudotumor cerebri (documented idiopathic intracerebral hypertension). (**applicable to Medicare and Medicaid only**)

In 2016 the Center for Disease Control (CD) classified adult body mass index (BMI) for obesity as:

**Class 1 obesity is BMI 30 to 34.9

*Class 2 obesity is BMI 35 to 39.9

Class 3 obesity is BMI greater than or equal to 40

Note: BMI is calculated by Kg/M^2 [(Body weight in kilograms) divided by (height in meters)²].

And

2. Member has failed¹ at least one physician-supervised² weight loss program lasting at least 4 months.

¹ failed= not losing and maintaining at least 20% reduction of highest weight

² physician-supervised programs may include but are not limited to :

- Physician visits addressing obesity or related co-morbidities
- LA Weight Loss™
- Physician's Weight Loss®
- Weight Watchers®
- Other – upon review of program

And

3. The planned surgical intervention is one that is approved by the Plan based on evidence-based data regarding safety and outcomes. These include:
 - Roux-en-Y gastric bypass (open or laparoscopic)
 - Sleeve Gastrectomy {open, laparoscopic,(**NOTE:** For endoscopic see specific criteria below)}
 - Biliopancreatic diversion with duodenal switch (BPD/DS)

* Note: Requests for adjustable laparoscopic banded gastroplasty will be evaluated on a "per case" basis

4. **Pre-Surgical Program:**

Members considering surgery must participate in at least a 6 month program (consisting of at least a minimum of 6 visits over the 6 month timeframe within 12 months prior to surgery) in a facility accredited by the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (NBSQP) Facility participation in the Geisinger Bariatrics Proven Care® program will be considered in lieu of the designation as a Center of Excellence (COE) by NBSQP. This program must be physician-supervised and consist of dietary

management, physical activity, psychiatric evaluation, medical management, behavior modification as well as social support.

For more information, please view the following links:

<http://www.asbs.org/html/about/membersearch2.html>

And

5. The member's diagnostic history does not display evidence of substance abuse, psychosis, eating disorders or uncontrolled depression within the past twenty-four (24) months, **and**
6. The member has stopped smoking/vaping nicotine for a minimum of two months (if applicable) prior to the requested surgery; **and**
7. Surgery for morbid obesity must be performed in an institution designated by the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP) <https://www.facs.org/quality-programs/mbsaqip>. Facility participation in the Geisinger Bariatrics Proven Care[®] program will be considered in lieu of the designation as a COE by MBSAQIP. **(Not Applicable to Medicare and Medicaid business segments eff. Sept 25, 2013)**

Endoscopic Sleeve Gastroplasty (ESG) – Requires Prior Authorization on a per-case basis when the following criteria are met:

- The member requires weight reduction bridge therapy as recommended by Transplant Medicine, Orthopedics, Pulmonary Medicine or Endocrinology; and
- The member is enrolled in the ESG ProvenCare program; and
- The member has completed an accelerated 3-month comprehensive care plan offering an evaluation with an advanced endoscopy provider, nutrition specialist, dietician, exercise physiologist, adult psychologist, nutrition education class, behavioral education class, bariatric medical evaluation, and an addiction medicine evaluation.
- Procedure for morbid obesity must be performed in an institution designated by the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP) <https://www.facs.org/quality-programs/mbsaqip>. Facility participation in the Geisinger Bariatrics Proven Care[®] program will be considered in lieu of the designation as a COE by MBSAQIP. **(Not Applicable to Medicare and Medicaid business segments eff. Sept 25, 2013)**

ADOLESCENT CRITERIA

The surgical treatment of morbid obesity (i.e. open or laparoscopic Roux-en-Y gastric bypass, or open or laparoscopic sleeve gastrectomy) may be considered medically necessary when all of the following criteria are met:

- a) Medical documentation of a diagnosis of morbid obesity defined as:
 - i. Class 3 obesity (BMI of 40 kg/m²) or greater; OR greater than 140 percent of the 95th BMI percentile for age with ANY obesity-related comorbidity;
 - or**
 - ii. Class 2 obesity (BMI of 35 - 39 kg/m²) OR greater than 120 percent of the 95th BMI percentile for age with at least one of the following comorbidities:
 - type 2 diabetes
 - obstructive sleep apnea diagnosed by polysomnography
 - pseudotumor cerebri
 - Poorly controlled hypertension despite pharmacotherapy (systolic blood pressure greater than 140 mm Hg or diastolic blood pressure 90 mm Hg or greater)
 - hyperlipidemia
 - non-alcoholic steatohepatitis
- and**
- b) One of the following surgical interventions is planned:
 - open or laparoscopic Roux-en-Y gastric bypass
 - open or laparoscopic sleeve gastrectomy
- and**

- c) The member is 12 years of age or older; and
- d) Documentation of previous failure of physician-supervised weight loss attempt; and
- e) Pre-Surgical Program
 - Adolescent members considering surgery must participate in a comprehensive program with documentation of the following:
 - the member has been evaluated by the multidisciplinary pediatric team and is determined to be physically and emotionally mature enough to participate in the program
 - the member demonstrates the ability to adhere to the principles of healthy dietary and activity habits
 - the member has adequate support system and resources to achieve weight loss goals
- f) Surgery for morbid obesity must be performed in an institution designated by the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program (MBSAQIP) and accredited. Facility participation in the Geisinger Bariatrics Proven Care® program will be considered in lieu of the designation as a COE by MBSAQIP. **(Not Applicable to Medicare and Medicaid)**

LIMITATIONS:

Revision of bariatric surgery: Bariatric surgery revision requires prior authorization

Coverage is limited to one bariatric surgery per lifetime regardless of insurance carrier at the time of surgery with the following exceptions:

- Bariatric surgery revision will be considered for coverage **only** when requested as treatment for an associated medical complication such as, but not limited to obstruction, fistula or stricture for which no other treatment option is available, bowel perforation, band erosion or migration, or band failure.
- Conversion from sleeve gastrectomy to Roux-en-Y will be considered for coverage for the treatment of refractory gastroesophageal reflux when less invasive treatments and therapies have proven to be contraindicated or have resulted in therapeutic failure.

Inadequate weight loss due to individual noncompliance with postoperative nutrition and exercise recommendations is not a medically necessary indication for revision or conversion surgery and is not covered by the Plan.

Laparoscopic adjustable silicone gastric banding (LASGB) requests will be reviewed on a per-case basis and considered for coverage only by exception.

Incidental cholecystectomy is considered covered in the presence of signs and/or symptoms of gallbladder disease, finding of a grossly diseased gallbladder at the time of operation or a history of metabolic derangements that will result in symptomatic gallbladder disease following bariatric procedures.

Medicare Business Segment:

See: National Coverage Determination. Bariatric Surgery for Treatment of Morbid Obesity 100.1

See: Bariatric Surgery for the Treatment of Morbid Obesity CAG-00250R

For Medicare and Medicaid lines of Business:

Original Medicare limits coverage of bariatric surgical interventions to procedures such as but not limited to, open and laparoscopic Roux-en-Y gastric bypass, Biliopancreatic Diversion with Duodenal Switch, open or laparoscopic sleeve gastrectomy, and laparoscopic adjustable gastric banding. Original Medicare considers open adjustable gastric banding; or open and laparoscopic vertical banded gastroplasty to be non-covered procedures. Therefore, these procedures will not be eligible for coverage for insured individuals enrolled in that line of business.

Medicaid Business Segment:

Any requests for services, that do not meet criteria set in the PARP, will be evaluated as a Program Exception on a case by case basis.

EXCLUSIONS:

The following surgical interventions are considered investigational, unproven or unsafe and are **NOT COVERED**.

- Jejunioileal bypass
- Gastric wrapping
- Gastric balloon is considered unproven since the long-term safety and efficacy of the device in the treatment of morbid obesity has not been established.
- Open and laparoscopic vertical banded gastroplasty as a treatment of morbid obesity is considered unproven

*** NOTE: Vertical-banded gastroplasty is eligible for coverage for Medicaid Business segment**

- Natural Orifice Transluminal Endoscopic Surgery™ (NOTES™) (e.g., StomaphyX™)/endoscopic oral assisted procedures sleeve gastrectomy (SG) as a treatment for morbid obesity is considered unproven
- There is insufficient evidence in the published, peer-reviewed medical literature to support the use of space-occupying ingestible hydrogel capsules (e.g., Plenity) as a treatment for obesity. Use of this bariatric procedure is considered to be unproven, and therefore, **NOT COVERED**.
- There is insufficient evidence in the published, peer-reviewed medical literature to support the use of space-occupying balloon inserts as a treatment for obesity. Use of this bariatric procedure is considered unproven, and therefore, **NOT COVERED**

Revision of gastric bypass surgery, when performed solely due to the failure to lose weight or failure to maintain weight loss due to dilation of the gastric pouch is **NOT COVERED**.

Note: May be reviewed on a “per-case” basis through the Program Exception process for Medicaid

Revision of laparoscopic band gastroplasty to surgical gastric restrictive or malabsorptive procedures, when performed solely due to the failure to lose weight or failure to maintain weight loss are **NOT COVERED**.

Note: May be reviewed on a “per-case” basis through the Program Exception process for Medicaid

Evidence of non-compliance while enrolled in a weight loss program managed by a licensed physician or registered dietician provider will result in a denial of request for surgical intervention for the treatment of morbid obesity.

There is insufficient evidence in the published, peer-reviewed medical literature to support the use of bariatric surgery as a treatment for the primary diagnosis of any of the following conditions: gastroparesis; infertility; Use of bariatric procedures as treatment of these conditions is considered **unproven**, and therefore, **NOT COVERED**.

There is insufficient evidence in the published, peer-reviewed medical literature to support the use of space-occupying balloon inserts as a treatment for obesity. Use of this bariatric procedure is considered **unproven**, and therefore, **NOT COVERED**.

Note: A complete description of the process by which a given technology or service is evaluated and determined to be experimental, investigational or unproven is outlined in MP 15 - Experimental Investigational or Unproven Services or Treatment.

CODING ASSOCIATED WITH: Obesity Surgery

The following codes are included below for informational purposes and may not be all inclusive. Inclusion of a procedure or device code(s) does not constitute or imply coverage nor does it imply or guarantee provider reimbursement. Coverage is determined by the member specific benefit plan document and any applicable laws regarding coverage of specific services. Please note that per Medicare coverage rules, only specific CPT/HCPCS Codes may be covered for the Medicare Business Segment. Please consult the CMS website at www.cms.gov or the local Medicare Administrative Carrier (MAC) for more information on Medicare coverage and coding requirements.

HMO, TPA:

- S2083 Adjustment of gastric band diameter via subcutaneous port by injection or aspiration of saline
- 43644 Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-y gastroenterostomy (roux limb 150 cm or less)
- 43645 with gastric bypass and small intestine reconstruction to limit absorption
- 43846 Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (less than 100 cm) Roux-en-y gastroenterostomy
- 43659 (Unlisted laparoscopy procedure, stomach)
- 43773 LAPAROSCOPY,SURGICAL,GASTR RESTR PROC,REMOVAL AND REPLACE GASTRIC BAND
- 43774 LAPAROSCOPY,SURGICAL,GASTR RESTR PROC,REMOVAL OF ADJ GAST BAND AND PORT
- 43843 Gastric restrictive procedure, without gastric bypass, for morbid obesity, other than vertical-banded gastroplasty (Coding used for Laparoscopic Band gastroplasty)
- 43845 Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch
- 43848 Revision of gastric restrictive procedure for morbid obesity (separate procedure)

- 43770 Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric band (gastric band and subcutaneous port components)
- 43771 Laparoscopy, surgical, gastric restrictive procedure; revision of adjustable band component only
- 43772 Laparoscopy, surgical, gastric restrictive procedure; removal and replacement of adjustable band component only
- 43775 Laparoscopy, surgical, gastric restrictive procedure; longitudinal gastrectomy (i.e., sleeve gastrectomy)
- C9784 Gastric restrictive procedure, endoscopic sleeve gastropasty, with esophagogastroduodenoscopy and intraluminal tube insertion, if performed, including all system and tissue anchoring components
- C9785 Endoscopic outlet reduction, gastric pouch application, with endoscopy and intraluminal tube insertion, if performed, including all system and tissue anchoring components

GOLD members may be eligible for the following procedures:

- 43644 Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-y gastroenterostomy (roux limb 150 cm or less)
- 43645 with gastric bypass and small intestine reconstruction to limit absorption
- 43770 Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable gastric band (gastric band and subcutaneous port components)
- 43771 Laparoscopy, surgical, gastric restrictive procedure; revision of adjustable band component only
- 43772 Laparoscopy, surgical, gastric restrictive procedure; removal and replacement of adjustable band component only
- 43773 LAPAROSCOPY,SURGICAL,GASTR RESTR PROC,REMOVAL AND REPLACE GASTRIC BAND
- 43774 LAPAROSCOPY,SURGICAL,GASTR RESTR PROC,REMOVAL OF ADJ GAST BAND AND PORT
- 43775 Laparoscopy, surgical, gastric restrictive procedure; longitudinal gastrectomy (i.e., sleeve gastrectomy)

- 43845 Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch
- 43846 gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (less than 100cm) Roux-en-y gastroenterostomy
- 43847 with small bowel reconstruction to limit absorption
- 43848 Revision of gastric restrictive procedure for morbid obesity (separate procedure)
- 43886 GASTR RESTR PROC,REVISION OF SUBCUTANEOUS PORT COMPONENT ONLY
- 43887 GASTR RESTR PROC,REMOVAL OF SUBCUTANEOUS PORT COMPONENT ONLY
- 43888 GASTR RESTR PROC, REMOVE AND REPLACE SUBCUTANEOUS PORT
- C9784 Gastric restrictive procedure, endoscopic sleeve gastropasty, with esophagogastroduodenoscopy and intraluminal tube insertion, if performed, including all system and tissue anchoring components
- C9785 Endoscopic outlet reduction, gastric pouch application, with endoscopy and intraluminal tube insertion, if performed, including all system and tissue anchoring components

Non-Covered procedures for GOLD (Not applicable to Medicaid)

- 43842 Gastric restrictive procedure, without gastric bypass, for morbid obesity; vertical-banded gastropasty
 - 0813T** Esophagogastroduodenoscopy, flexible, transoral, with volume adjustment of intragastric bariatric balloon
- Current Procedural Terminology (CPT®) © American Medical Association: Chicago, IL

For members enrolled in the Gold product, please refer to the current version of Novitas Policy L35022 for additional ICD-10 coding.

LINE OF BUSINESS:

Eligibility and contract specific benefits, limitations and/or exclusions will apply. Coverage statements found in the line of business specific benefit document will supersede this policy. For PA Medicaid Business segment, this policy applies as written.

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This policy will be revised as necessary and reviewed no less than annually.

Devised: 11/98

Revised: 12/99, 03/02, 11/02, 12/03; 7/05 (revised criteria); 4/06 (revised criteria); 9/08; 9/09 (revised criteria & exclusion); 2/11 (revised approved procedure); 6/11 (formatting), 8/11, 2/13 (revised Medicare coverage); 10/13 (revised Medicare/Medicaid criteria); 2/15 (add comorbidities, exclude lap band); 2/16 (clarify facility accreditation); 2/17 (added approved procedure, indications, exclusion), 4/18 (added vertical banded gastroplasty as covered for Medicaid; noted exceptions for PA MA) 4/19 (revised indications, exclusions, and conditions for revision); 9/20 (add adolescent criteria); 1/21 (add bariatric revision indication), 2/22, 2/23 (add hydrogel capsule exclusion, revise indications); 8/23 (revise verbiage for weight management program requirement); 8/24 (revise AAP guidance criteria for adolescents); 10/24 (add ESG criteria)

Reviewed: 9/07, 8/12, 2/14

CMS UM Oversight Committee Approval: 12/23; 11/8/24

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