

# Diagnosis Name: Severe Obesity (E66.01)

Resources: (1) NHLBI/NIH The Practical Guide: Identification, Evaluation, and Treatment of Overweight and Obesity in Adults; (2) Up to Date, Overweight and obesity in adults: health consequences; (3) Executive Summary of the Clinical Guidelines on the Identification, Evaluation, and Treatment of Overweight and Obesity in Adults, Arch Intern Med 1998;158:1855-1867. (4) Up to Date, Bariatric operations for management of obesity: Indications and preoperative preparation; (5) CMS, Article - Billing and Coding: Bariatric Surgery for treatment of co-morbidities conditions related to morbid obesity (A54923); (6) Mechanick JJ et al. Clinical practice guidelines for the perioperative nutrition, metabolic, and nonsurgical support of patients undergoing bariatric procedures - 2019 update. Surg Obes Relat Dis 2020;16(2):175-247

## Diagnosis Overview:

Severe obesity (E66.01) may be recommended for consideration when:

- BMI  $\geq 40$  kg/m<sup>2</sup> **OR**
- BMI 35-39.9 kg/m<sup>2</sup> with at least one serious co-morbid condition that is due to or worsened by the obesity.

## Diagnosis Types | Classes:

| New E-Codes | Obesity Severity       | BMI Range (kg/m <sup>2</sup> ) |
|-------------|------------------------|--------------------------------|
| E66.811     | Class 1 Severe Obesity | 30 to less than 35             |
| E66.812     | Class 2 Severe Obesity | 35 to less than 40             |
| E66.813     | Class 3 Severe Obesity | 40 or greater                  |

## Risk Factors and Symptoms. Examples of serious comorbid conditions:

| Cardiovascular                     | Respiratory                      | Endo/metabolic                   | Gastrointestinal  | Neurologic                           | Urologic                   | Musculoskeletal                                            |
|------------------------------------|----------------------------------|----------------------------------|-------------------|--------------------------------------|----------------------------|------------------------------------------------------------|
| Poorly controlled hypertension     | Asthma                           | Insulin Resistance / Prediabetes | Gallstones        | Hypersomnia                          | Severe stress incontinence | Debilitating osteoarthritis (hip, shoulder, ankle)         |
| Established coronary heart disease | Sleep apnea                      | Type 2 diabetes                  | Uncontrolled GERD | Insomnia                             |                            |                                                            |
| Other atherosclerotic disease      | Obesity hypoventilation syndrome | Hyperlipidemia                   | NAFLD/NASH        | Idiopathic intracranial hypertension |                            | Spinal disease (disc degeneration, discitis, dorsopathies) |
| Severe venous stasis disease       | Pickwickian syndrome             | Metabolic syndrome               |                   |                                      |                            |                                                            |
|                                    | Pulmonary hypertension           |                                  |                   |                                      |                            |                                                            |

## Documentation Tips & Examples:

obesity

Browse Preference List

| Diagnoses             | ICD-10 Codes | MCC | CC | HCC |
|-----------------------|--------------|-----|----|-----|
| Obesity               | E66.9        | No  | No |     |
| Obesity (BMI 30-39.9) | E66.9        | No  | No |     |

Obesity type: due to excess calories, drug-induced, with alveolar hypoventilation, due to disruption of MC4R pathway

Obesity classification: adult class 1 (BMI 30 - 34.9), adult class 2 (BMI 35 - 39.9), adult class 3 (BMI  $\geq 40$ ), pediatric obesity

Serious obesity comorbidity presence: with serious comorbidity, without serious comorbidity

Body mass index: BMI 30.0-30.9, BMI 31.0-31.9, BMI 32.0-32.9, BMI 33.0-33.9, BMI 34.0-34.9, BMI 35.0-35.9, BMI 36.0-36.9, BMI 37.0-37.9, BMI 38.0-38.9, BMI 39.0-39.9, BMI 40.0-44.9, BMI 45.0-49.9, BMI 50.0-59.9, BMI 60.0-69.9, BMI 70 or greater, BMI 95th percentile to < 120% of 95th percentile for age, BMI 120% of 95th percentile to < 140% of 95th percentile for age, BMI  $\geq 140\%$  of 95th percentile for age

## Pearls:

- Use the appropriate E-code together with the appropriate Z-code for corresponding BMI
- To increase the accuracy of coding and to support available treatment options for adults with obesity, use both the appropriate E-codes together with the appropriate Z-codes for corresponding body mass index (BMI) in visit documentation. This can easily be achieved by searching "obesity" in EPIC and choosing specificity from the dropdown menus as shown in the screenshot above
- You must include the co-morbid conditions that are related to the obesity in your documentation when the BMI is 35-40.