

The Weight Management  
Institute  
at



ENGLEWOOD  
HOSPITAL AND MEDICAL CENTER<sup>SM</sup>  
AN AFFILIATE OF MOUNT SINAI SCHOOL OF MEDICINE

Presents:

A FREE Educational Seminar on  
WEIGHT LOSS SURGERY

## Defining Overweight and Obesity

Overweight and obesity are both labels for ranges of weight that are greater than what is generally considered healthy for a given height. The terms also identify ranges of weight that have been shown to increase the likelihood of certain diseases and other health problems.

## What Causes Overweight and Obesity

While the exact cause is unknown, there are a variety of factors that play a role in obesity. This makes it a complex health issue to address. Overweight and obesity result from an energy imbalance. This involves eating too many calories and not getting enough physical activity. Body weight is also the result of genes, metabolism, behavior, environment, culture, and socioeconomic status. Behavior and environment play a large role causing people to be overweight and obese.



## Obesity Risks

Obesity increases the risk of many diseases and health conditions. These include:

- Coronary heart disease
- Type 2 diabetes
- Cancers (endometrial, breast, and colon)
- Hypertension (high blood pressure)
- Dyslipidemia (for example, high total cholesterol or high levels of triglycerides)
- Stroke
- Liver and Gallbladder disease
- Sleep apnea and respiratory problems
- Osteoarthritis (a degeneration of cartilage and its underlying bone within a joint)
- Gynecological problems (abnormal menses, infertility)

## Who Qualifies for Weight Loss Surgery?

National Institutes of Health Surgical Criteria outlines the minimum requirements for deciding whether bariatric surgery is the right treatment option:

- **BMI of 40 or greater**
- **BMI of 35 or greater with one or more obesity-related health conditions.**

## Typical Items needed for Precertification by most insurance providers:

- Letter of Medical Necessity
- Psychiatric evaluation
- Nutritional evaluation
- Five (5) year weight history
- Documentation of a six (6) month medically supervised diet
- Medical clearance from your Primary Care Physician

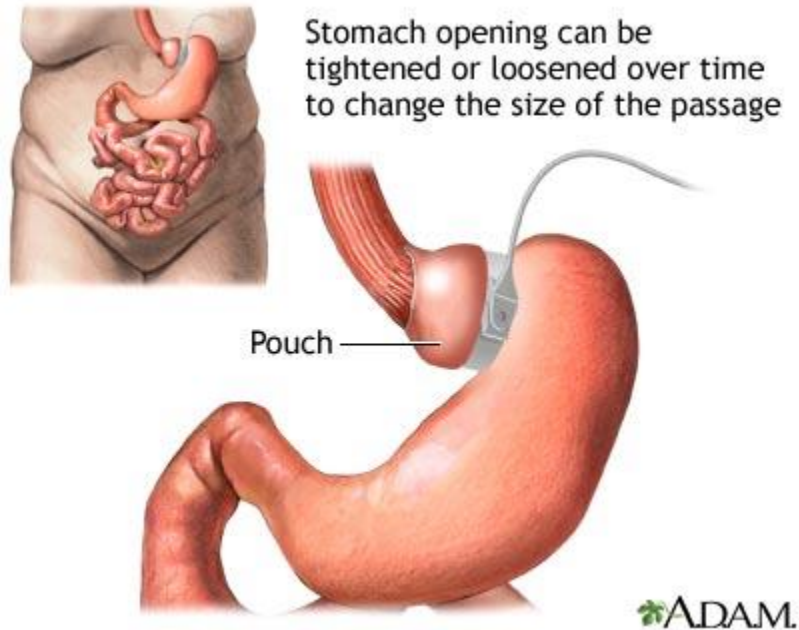
## Body Mass Index Table

	Normal										Overweight										Obese										Extreme Obesity																							
	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54																		
<b>BMI</b>	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54																		
<b>Height (inches)</b>	<b>Body Weight (pounds)</b>																																																					
58	91	96	100	105	110	115	119	124	129	134	138	143	148	153	158	162	167	172	177	181	186	191	196	201	205	210	215	220	224	229	234	239	244	248	253	258																		
59	94	99	104	109	114	119	124	128	133	138	143	148	153	158	163	168	173	178	183	188	193	198	203	208	212	217	222	227	232	237	242	247	252	257	262	267																		
60	97	102	107	112	118	123	128	133	138	143	148	153	158	163	168	174	179	184	189	194	199	204	209	215	220	225	230	235	240	245	250	255	261	266	271	276																		
61	100	106	111	116	122	127	132	137	143	148	153	158	164	169	174	180	185	190	195	201	206	211	217	222	227	232	238	243	248	254	259	264	269	275	280	285																		
62	104	109	115	120	126	131	136	142	147	153	158	164	169	175	180	186	191	196	202	207	213	218	224	229	235	240	246	251	256	262	267	273	278	284	289	295																		
63	107	113	118	124	130	135	141	146	152	158	163	169	175	180	186	191	197	203	208	214	220	225	231	237	242	248	254	259	265	270	276	282	287	293	299	304																		
64	110	116	122	128	134	140	145	151	157	163	169	174	180	186	192	197	204	209	215	221	227	232	238	244	250	256	262	267	273	279	285	291	296	302	308	314																		
65	114	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204	210	216	222	228	234	240	246	252	258	264	270	276	282	288	294	300	306	312	318	324																		
66	118	124	130	136	142	148	155	161	167	173	179	186	192	198	204	210	216	223	229	235	241	247	253	260	266	272	278	284	291	297	303	309	315	322	328	334																		
67	121	127	134	140	146	153	159	166	172	178	185	191	198	204	211	217	223	230	236	242	249	255	261	268	274	280	287	293	299	306	312	319	325	331	338	344																		
68	125	131	138	144	151	158	164	171	177	184	190	197	203	210	216	223	230	236	243	249	256	262	269	276	282	289	295	302	308	315	322	328	335	341	348	354																		
69	128	135	142	149	155	162	169	176	182	189	196	203	209	216	223	230	236	243	250	257	263	270	277	284	291	297	304	311	318	324	331	338	345	351	358	365																		
70	132	139	146	153	160	167	174	181	188	195	202	209	216	222	229	236	243	250	257	264	271	278	285	292	299	306	313	320	327	334	341	348	355	362	369	376																		
71	136	143	150	157	165	172	179	186	193	200	208	215	222	229	236	243	250	257	265	272	279	286	293	301	308	315	322	329	338	343	351	358	365	372	379	386																		
72	140	147	154	162	169	177	184	191	199	206	213	221	228	235	242	250	258	265	272	279	287	294	302	309	316	324	331	338	346	353	361	368	375	383	390	397																		
73	144	151	159	166	174	182	189	197	204	212	219	227	235	242	250	257	265	272	280	288	295	302	310	318	325	333	340	348	355	363	371	378	386	393	401	408																		
74	148	155	163	171	179	186	194	202	210	218	225	233	241	249	256	264	272	280	287	295	303	311	319	326	334	342	350	358	365	373	381	389	396	404	412	420																		
75	152	160	168	176	184	192	200	208	216	224	232	240	248	256	264	272	279	287	295	303	311	319	327	335	343	351	359	367	375	383	391	399	407	415	423	431																		
76	156	164	172	180	189	197	205	213	221	230	238	246	254	263	271	279	287	295	304	312	320	328	336	344	353	361	369	377	385	394	402	410	418	426	435	443																		

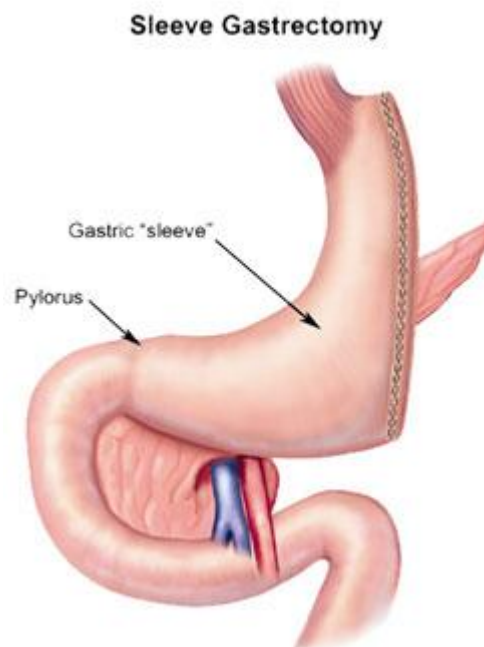
Source: Adapted from Clinical Guidelines on the Identification, Evaluation, and Treatment of Overweight and Obesity in Adults: The Evidence Report.

**BARIATRIC SURGERY BASICS:** There are two basic ways that bariatric surgery works to help patients lose weight.

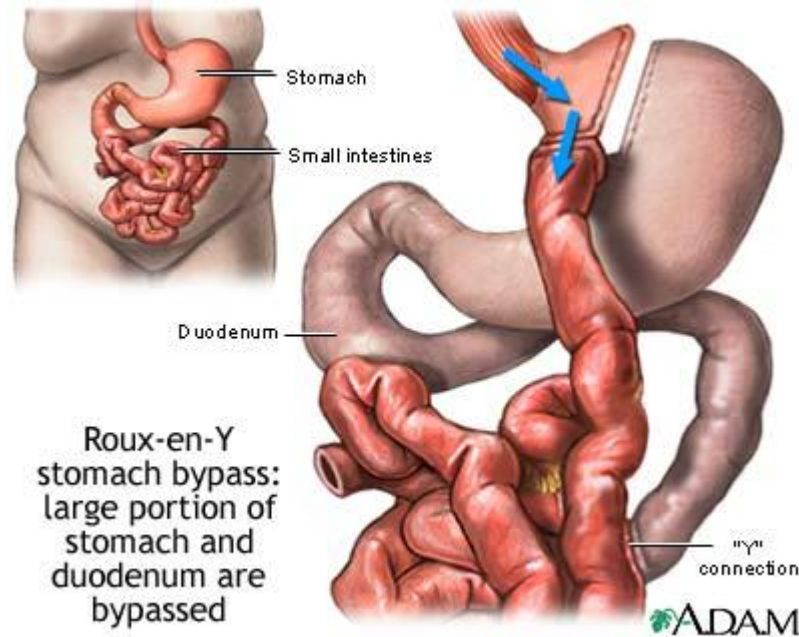
1. **Restrictive procedures limit food intake – gastric band:** Procedures that use restriction limit the amount of food patients can eat. The current standard for a purely restrictive procedure is the adjustable laparoscopic band. Restriction is accomplished surgically by creating a small stomach pouch. When eating, the pouch fills quickly and gives a feeling of fullness much sooner. Because patients feel satisfied and full sooner, they eat less.



2. **Restrictive procedures limit food intake – sleeve gastrectomy:** Procedures that use restriction limit the amount of food patients can eat. Restriction is accomplished surgically by creating a small stomach pouch. When eating, the pouch fills quickly and gives a feeling of fullness much sooner. Because patients feel satisfied and full sooner, they eat less. This procedure does not involve malabsorption. This is a good option for patients with BMI > 50.



3. **Malabsorptive procedures alter digestion – Roux-en-Y gastric bypass:** Procedures that use malabsorption change the body's ability to absorb calories and nutrients from food. The surgeon changes the way food travels through the patient's system. By rerouting food past a large part of the stomach and a portion of the small intestine, much of the calories and nutrients pass through without being absorbed.



## Choosing the procedure that's right for you

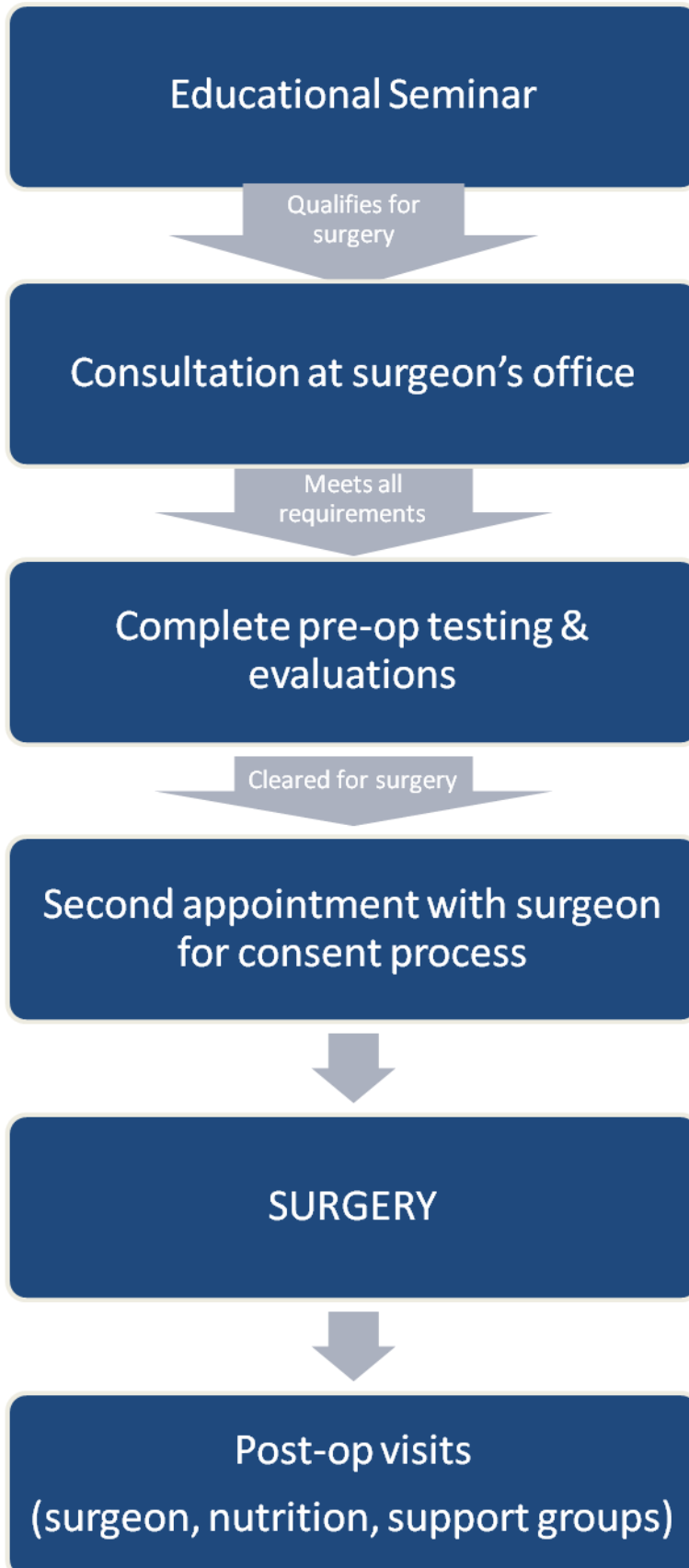
### Considerations

- Age
- Health Risk (depending on comorbidities)
- Amount of weight to lose
- Lifestyle
- Eating behaviors

### Mutual decision between patient and surgeon

- Discuss with surgeon during initial consultation
- Discuss with your support people (family & friends)

## WHAT IS THE PATHWAY TO SURGERY?



## **Services for Bariatric Institute Patients at Englewood Hospital and Medical Center**

### **NUTRITIONAL COUNSELING**

The Food and Nutrition Department at Englewood Hospital and Medical Center is happy to provide nutritional counseling for patients before and after weight loss surgery.

To schedule your appointment for personalized nutritional counseling with a registered Dietitian call **(201) 894-3673**.

### **FITNESS PROGRAM**

The Department of Rehabilitation Medicine at Englewood Hospital and Medical Center is pleased to offer specialized services for Bariatric Institute Patients before and after surgery:

Initial Evaluation (30 minute session) --\$45.00 each

Exercise session with Personal Training (30 minute session) -- \$45.00 each

Group (30 minute) Exercise sessions -- \$50.00 per month

For more information call **(201) 894-3512**

### **WEIGHT MANAGEMENT INSTITUTE STAFF**

**Michelle Thomas, MSN, FNP-C – Bariatric Program Coordinator**

**Phone: (201)894-3667**

**michelle.thomas@ehmc.com**

**Monica Challener – Bariatric Patient Advocate**

**Phone: (201)894-3983**

**monica.challener@ehmc.com**