

# A Subsidiary of

# RESOLUTION BARIATRIC PARTNERS

# Laparoscopic Gastric Bypass Gastric Sleeve Revision Conversion

# Patient Manual Guide



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#### **Morbid Obesity and Bariatric Surgery**

Morbid obesity, also referred to as clinically severe obesity, is a chronic disease that afflicts approximately 9 million adult Americans. For comparison purposes, obesity affects twice as many patients as Alzheimer's disease. If the entire morbidly obese population lived in one state, it would be the 12th largest state in the country. The health effects associated with morbid obesity are numerous and can be disabling. Often, individuals with morbid obesity suffer with more than one health effect, creating a situation that can shorten life span and negatively impact quality of life. Understand that you are not alone, and we are here to help you overcome this disease and put you on the track of a healthy life.

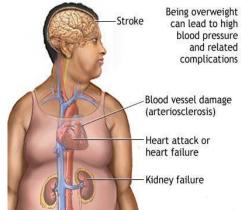
The many benefits of achieving appropriate weight and eating control are obvious. Everyone feels better physically and emotionally when his or her weight is under control. In addition, high blood pressure, sleep apnea, reflux, diabetes, cholesterol problems and other health problems have been demonstrated to be improved once weight loss is achieved. It is important to understand that weight loss should be gradual, sustained, and accompanied by careful attention to proper nutrition.

Bariatric surgery is major surgery. Patients who undergo any operation incur a certain amount of surgical risk. An obese patient's risk for complication following major surgery is increased when compared to non-obese patients undergoing similar surgery. The occurrence of various complications after bariatric surgery is recognized and anticipated; and although complications can be minimized, they cannot always be avoided.

Below is a partial list of the complications patients must consider when thinking about proceeding with surgery. These complications will be listed on an operative consent form and will be reviewed prior to surgery.

#### Possible Complications:

- Cardiovascular Problems (especially with unidentified preexisting heart disease): heart attack, stroke or death.
- Respiratory Problems: pneumonia, pulmonary embolus.
- Wound Problems: infection in wound (<5%), hernia development (1% for laparoscopic).
- Stomach/Intestinal Problems: leak from stomach or intestinal surgical sites requiring additional surgery, intestinal blockage (1-2%), stromal stenosis from scarring (1%), dumping syndrome (cramping, bloating, diarrhea after eating).
- Nutritional Problems: excessive weight loss, vitamin and mineral deficiencies (may need ongoing medications or injections), hair loss, bone weakening, gallstones or kidney stones.
- Injury to Nearby Organs: spleen-splenectomy (<1%), significant liver bleeding (<1%), or potential for transfusions (<5%).
- Death Can Occur: For Laparoscopic Gastric Bypass/Sleeve (0.5-1%)



# **Signs and Symptoms of Complications**

# <u>Leak at the Staple line (Gastric Sleeve) or Anastomosis (Connection from your small intestines to your new pouch- (Gastric Bypass))</u>

During your surgery, your surgeon will check to see if there is an air leak.

• This is done by filling your new pouch/stomach with air and your belly with saline. If there are air bubbles present, the suture line/staple line will be reinforced.

Call your surgeon if you experience

- Increased heart rate
- Sense of anxiety\*\*\*
- Fever
- Worsening Shortness of breath

These may be signs of a leak and may require intervention.

#### **Pulmonary Embolism**

A pulmonary embolism is a clot that has traveled from another part of your body, usually your legs that blocks air from going in and out of your lungs. This is the most common early complication of surgery.

This is an emergency! Go straight to your local Emergency Room!

- Chest pain
  - o Under the breastbone or on one side
  - o Especially sharp or stabbing; also, may be a burning, aching, or dull, heavy sensation
  - o May get worse with deep breathing, coughing, eating, bending, or stooping (person may bend over or hold his or her chest in response to the pain)
- Cough
  - o Begins suddenly and may have some blood or blood-streaked sputum
- Rapid breathing
- Rapid heart rate
- Shortness of breath
  - o May occur at rest or during activity or it may start suddenly

What you can do to prevent a Pulmonary Embolism

#### WALK, WALK, WALK!!!

The day of surgery, the nurses will have you walking in the halls. This will help to decrease the chance of a blood clot in your legs. You will also be given a dose of a blood thinner prior to surgery and after surgery. You will also use a compression device on your legs while lying in bed in the hospital to decrease the risk.

At home...

#### WALK, WALK, WALK!!!

Choose the bathroom furthest from your room. Resume your activities as directed.

#### Vitamin Deficiency

After your surgery, it is extremely important that you continue to take your vitamins as directed by your provider.

Calcium is necessary for maintaining bone strength and helps prevent fractures. Vitamin B12  $\rightarrow$  Nourishes the nervous system Iron  $\rightarrow$  Carries Oxygen throughout the body

Without these vitamins...

Calcium: ↑ risk of fracture

Vitamin B12: ↑ risk for memory loss, numbness, paralysis Iron: ↑ risk for a stroke, heart attack or anemia

#### Recommended Vitamins

#### 1. Multivitamin or Juice Plus

200% (RDA) Recommended Daily

Allowance:

Juice Plus + 1 multivitamin

or

2 Multivitamins/day (preferably bariatric vitamins)

#### 2. Vitamin B-12 (Cobalamin)

350mcg or greater every day by mouth or 1000mcg twice a month by injection

#### 3. Iron – 100% RDA

~Ferrous Sulfate – 325mg/day(Some brands may say 65mg equivalent to 325mg)

~Ferrous Gluconate – 325mg/day

~Elemental Iron – 18-27mg/day

(Women with menses need 50-100mg/day of elemental iron)

#### 4. Calcium 1500-2000mg/day + Vitamin D

Divide this into 3 doses per day Choose a brand that contains calcium citrate and Vitamin D3

#### 5. B Complex

B-50 dosage or B-100 dosage

#### **Dehydration**

- It is very important that you drink 64oz of water a day.
- Dehydration may lead to hospitalization.

To prevent this...

Sip, Sip, Sip all day long!

#### **Wound Infection**

After surgery, you will have multiple small incisions on your abdomen and in your belly button.

You will have steri-strips on these incisions.

- Please call your surgeon if you experience:
  - o Redness at incision site
  - o Increased tenderness or warmth at incision site
  - o Fever >101.0
  - Yellow or green discharge at incision site
  - o Excessive swelling at incision site
  - o If bleeding saturates the 2<sup>nd</sup> dressing

We recommend that you clean your incision sites, especially your belly button with hydrogen peroxide or Alcohol pads at least once a day to prevent infection for 5 days post-op.

• Drainage is normal from your belly button, but if it is yellow or tan please contact your surgeon.

#### What to Expect after Surgery

It is very important to follow the eating and drinking instructions starting right after the operation to allow the new stomach structure to heal completely and in the right position.

You will notice a difference in the amount and type of food you can eat. You will receive nutritional counseling to help show you the do's and don'ts. Since the amount of food you can eat will be much less, it becomes very important to eat the right types of food to be sure your body gets enough nutrients.

Exercise is important. Most people find that as the weight comes off after surgery, it becomes easier to exercise. Then, as they exercise more the weight comes off even more. It's like a reverse snowball effect: as a snowball rolls downhill, it goes faster and grows bigger – but instead of a snowball getting bigger, it is you getting smaller and healthier! We recommend that our patients exercise at least 30 minutes a day, at least 5 days a week.

It is reasonable to expect to lose about half of your excess body weight after Bariatric surgery. Most patients lose about 80-100 pounds in the first year and stabilize at their new lower weight between 3 and 5 years after surgery.

Weight-related medical problems may be alleviated or eliminated after weight-loss surgery. Such conditions include diabetes, high blood pressure, sleep apnea, joint pain, back pain, and weight related depression. Significant weight loss may also decrease your risk of heart disease and some types of cancer.

#### **Helpful Rules for Effective Weight Loss**

#### Rule 1: Eat only when you are hungry, and no more than three small meals a day.

Your new small stomach can hold only about 1oz (Gastric Bypass) and 3-4oz (Gastric Sleeve) of food. If you try to eat more than this at one time, you may become nauseated or vomit. If you routinely eat too much, the small stomach may stretch. Frequent vomiting will cancel the effect of the operation and can also cause certain complications. To avoid this, you need to learn to listen to your body and stick to your plan.

#### Rule 2: Eat slowly and chew thoroughly.

Food can pass through your new stomach only if it's been chewed into very small pieces. Always remember to take more time for your meals and chew your food very well. An excellent habit to develop is to put your fork down while you finish chewing your food.

#### Rule 3: Stop eating as soon as you feel "satisfied".

If you eat until you feel "full," the food you've consumed has come in contact with the walls of your stomach. This will stretch your stomach! Over time, your stomach will stretch until you find that you can eat more food. At that point, you will begin to regain your weight! You have to practice to sense the feeling of ... "I'm satisfied". If you stop eating once you feel "satisfied", the food has not touched the walls of your stomach and you will not stretch your stomach. This sensation prevents you from stretching your stomach. So, again, take a bite of food and put your fork down while you chew. If you rush through your meal, you may eat more than you need. This can lead to nausea and vomiting. Take time to enjoy every bite of your meal. Try to recognize the feeling of "I'm satisfied"-then stop eating at once. It takes practice to recognize this sensation, but it is always there a bite or two before you feel full. This is extremely important!

#### Rule 4: Do not drink while you are eating.

The Gastric Bypass, sleeve and revisions can work only if you eat solid food during your three meals. You should not drink anything for 30 minutes before and 30 minutes after a meal. This allows you to keep the feeling of fullness as long as possible.

#### Rule 5: Eat only good quality, nutritious food.

After Bariatric surgery, you should be able to eat only a small amount so the food you eat should be as nutritious as possible. Follow the nutrition guidelines in the previous section and specific instructions from your surgeon and/or dietitian. Also, ask your doctor or dietitian before you take any vitamin supplements.

#### Rule 6: Avoid fibrous food.

Food that contains many fibers, such as asparagus, can cause the food to become stuck. That's because you can't chew this food well enough to break it up into small pieces and your saliva can't break it down. Fibrous food should be avoided. If you would like to eat asparagus or other fibrous foods once in a while, then be sure to cook them well, cut them into very small pieces first, and then chew thoroughly.

#### Rule 7: Drink enough fluids during the day.

Drinking enough fluids is essential for staying hydrated and for flushing waste products out of your body. Individual needs will vary, but you should drink at least six to eight glasses of liquid a day. Remember: Drink only non-carbonated/zero calorie liquids such as water, tea, or coffee (without milk, cream, or sugar). Also, keep your food and drinks separate during the day.

#### Rule 8: Drink only low-calorie liquids.

Drinks, including those containing calories (milkshakes, sodas), simply run through the small stomach. If you drink liquids high in calories, you will lose little weight, even if you follow all the other dietary guidelines.

#### Rule 9: Exercise at least 30 minutes a day.

Since physical exercise consumes energy and burns calories, it is a very important part of any successful weight-loss program. Obviously, exercise can also help improve your general health. In addition to adopting a routine exercise program, you can increase your activity level in your everyday life. For example, stand rather than sit, walk rather than stand, be outside rather than inside, walk rather than drive, climb the stairs rather than use the elevator. If it's too hot outside to walk, go to the mall. It's as easy as finding a parking space away from the entrance to the mall and using the stairs, not the escalator! If you don't have time before or after work, take ten minutes out of your lunch break and walk then. Remember that you should always check with your doctor about the amount and type of exercise that is best for you.

We've included our workout routine (attached). We know that you may have your own exercise routine in mind, but this exercise prescription that we would like you to do, has been proven to activate the hormones to accentuate and maintain the hormones that are activated by the surgery and will keep the fat burning process going. This is the style of "high intensity exercise" that we suggest to help you keep your metabolism elevated and activate internal hormones that ultimately burn the fat. When performed correctly, this type of exercise is aerobic, anaerobic, toning and fat burning. It is of greatest help if you learn to start doing these exercises now, prior to surgery...so that you will be well educated on the type of exercise we suggest. Read the instructions carefully. The trick is <u>NO REST</u> between the exercises. Rest for 2 minutes only after you've completed the full set.

# **Preparing for Weight Loss Surgery**

#### Two Weeks before Surgery

Start on a High Protein Diet. You need to purchase a protein shake mixture from any of your local grocery



stores or Retail stores such as GNC, Wal-Mart, and Target. The protein shakes must be low is sugars and carbohydrate. Drink the protein shake for breakfast and a lean meat and vegetable for lunch and dinner. This will help shrink the liver prior to surgery. You may drink other liquid drinks (sugar free) in between the meal. We can provide with our suggestions such as the one we offer in the office called Unjury or Premier.

#### **One Week before Surgery**

Do not take Coumadin, Plavix, Aspirin, Ibuprofen or other arthritis medications for one week before surgery, because these medications can cause stomach irritation and/or more bleeding after surgery.



Have your physician convert all of your time released or extended released medication to non time released. If you are unsure about which medications to stop, contact your pharmacist.

#### **Pre-Operative Preparation**

Preparation for bariatric surgery includes several steps to optimize a patient's health in anticipation of an operation.

- Stop all carbonated beverages
- Stop all beverages which contain caffeine
- Begin a routine exercise program (consult your physician first)
- Begin cutting food into small pieces and practice chewing very well
- Stop any over the counter Herbal Supplements
- Join a monthly support group

Begin the practice of not drinking with your meals. Stop drinking 30 minutes before you eat and do not drink again until 30 minutes after you eat. This will be a requirement following your surgical procedure and needs to become a lifetime habit.

You will be scheduled for an EGD (endoscopy) prior to surgery. REMEMBER, nothing to eat or drink after midnight prior to this procedure.

# 2 Day Clear Liquid Diet Prior to Bariatric Surgery

You will need to consume clear liquids only for the 2 (Two) days prior to surgery.

This would include:

- Apple or other clear juice, Sugar free (juice without pulp)
- Clear Broth (Chicken, vegetable or beef)
- Jell-O (any color is fine)

- Sugar free Popsicles
- Water or flavored water products
- NO SOLID FOOD

# **Morning of Surgery**

You will receive a call from the office, or the surgery center the night prior to your EGD and/or surgical procedure to be told when to report to the center. You will be asked to report between approximate 2 hours prior to the planned procedure. For patients going to a Hospital, you will be given specific instructions when you go for your pre-op evaluation. If you are having your surgery at the Surgery Center of Atlanta (SCOA) you will go to the facility on



your pre-op visit and sign consents and be oriented to the facility. Please remember to bring a picture ID and/or driver's license with you to the hospital. We will need to verify your identification prior to placing an arm band on your wrist.

You will be asked to remove all of your clothing and put on a patient gown and a pair of booties. The nurse will start an IV in preparation for surgery.

You will receive medications that have been ordered by your physician or anesthesia at this time in preparation for surgery.

If you consumed any medication the morning prior to reporting to the hospital, let the nurse know.

You will be taken to the Operating Room and placed in the Holding Area. Upon arrival to the holding area, you will meet the individuals who will be taking care of you during surgery. The anesthesiologists will speak to you as well, and you will be given some medication that will make you very drowsy prior to actually being taken to the Operating Room suite.

Your family members will be asked to wait in the Surgical Waiting Room. Please limit your family members to three (3) adults. Children under the age of 12 should not accompany patients to the surgery center.

#### **After Surgery**

You will be taken to the Recovery Room following surgery where they will monitor your respiratory status and other vital signs to be sure you are stable before sending you to the nursing unit. If there should be any concerns regarding your vital signs or respiratory status, you may be sent to the Surgical Intensive Care Unit to be monitored post operatively. This does take place on occasion and you should be aware of the possibility.

You may experience pressure in your abdomen during your stay in the recovery room. This is a normal occurrence; however, you should notify your nurse of any discomfort that you may be experiencing.

When the Anesthesiologist feels you are stable and doing well, you will be evaluated for discharge.

# **Discharge Instructions**

#### **BATHING:**

You may shower 48 hours after surgery. No tubs baths, swimming or hot tub use for 4 weeks following surgery. Patients performed at the surgery center will return to the office the following day for wound check and metabolic hydration. This visit may take up to 2 hours. It is meant to jump start your metabolism with IV hydration mixtures.

#### **DRESSINGS:**

Keep the dressing dry for 48 hours after surgery. After 48 hours you may remove the top dressing and leave the steri-strips (thin tan/white pieces of tape). These may get wet and will eventually fall off voluntarily. The ones remaining will be removed in 2 weeks on the first post-op visit. The umbilical area may not have steri-strips. The umbilical area may drain a clear light brown or pale red color fluid. This is ok as long as the drainage is not pale yellow or tan in color. Some of you will have clear glue like substance over your incisions. This will stay on until it peels off by itself.

Your incisions should be cleaned once a day with Hydrogen Peroxide and a cotton ball or gauze. Clean the belly button (umbilicus) area with Hydrogen Peroxide or alcohol as long as it is draining. Do not put any Q-Tips into your umbilicus!

#### **ACTIVITY:**

You may resume usual self-care. You may drive when you feel you are able and you are not taking prescription pain medication. No lifting, pushing, pulling or tugging over 25 lbs for 4 weeks. Walking every day and using incentive spirometry at least 4 times a day (for 2 weeks) is very important.

#### **MEDICATIONS:**

Gas-X as needed up to 7 times per day.

Liquid Imodium if needed or as directed for diarrhea.

Tylenol Rapid Blast for mild pain. Follow package directions

#### NO ASPIRIN, NO NONSTEROIDAL ANTI-INFLAMMATORY DRUGS, NO TIME RELEASED DRUGS

(Arthritis medication, Aleve, Motrin, Advil)

REMEMBER TO STOP TAKING YOUR MEDICATION FOR DIABETES THE DAY OF SURGERY. HOWEVER, CONTINUE TO CHECK YOUR SUGAR AT HOME. IF YOUR SUGAR INCREASES ABOVE 150, CALL YOUR PRIMARY CARE PROVIDER SO HE/SHE CAN MANAGE YOUR SUGAR. REMEMBER TO CONTINUE TO TAKE ALL OF YOUR OTHER MEDICATIONS AND LET YOUR PCP OR CARDIOLOGIST DECREASE THEM AS NEEDED.

## WHEN TO CALL YOUR PHYSICIAN'S OFFICE

- SHORTNESS OF BREATH or increase in breathing
- RAPID OR INCREAE IN HEART RATE
- BLEEDING: From the incision(s), in vomit or stool (would be black or maroon in color).
- NAUSEA OR VOMITING that is not relieved by medications or that prevent fluid intake for a day.
- PAIN that is not relieved by medication prescribed by physician.
- CALF OR LEG PAIN and/or swelling.

#### **SIGNS OF INFECTION:**

- temperature of 101° or above
- redness and swelling at incision site(s)
- Pus-like or foul-smelling drainage
- Separating or opening of healed incision

## **FOLLOW-UP:**

#### Contact the office if you have any questions:

#### **Peachtree Surgical and Bariatrics:**

**Surgery Center of Atlanta** 

Office Number: 404.881.8020 Office Number: 404.233.3833

4200 Northside Parkway NE Building 8

Atlanta, GA 30327

#### **Resolution Bariatrics**

Office Number: 404.881.8020

4200 Northside Parkway Suite 2 Atlanta, GA 30327

Calls will be returned the same day.

Make your first post-op appointment with OUR OFFICE for 2 WEEKS after discharge from hospital. Please call if you feel you need to be seen earlier or you have been sent home with drains.

Make appointments with your primary care physicians or other specialist within the first week after discharge to monitor heart, BP and diabetes medications.

# **Medications to Avoid After Bariatric Surgery**

A.S.A. Enseals Cataflam Indocin

Clinoril Advil Lodine Magnaprin

Alka Seltzer Coricidin Maprin/Maprin 1-B

Anacin Cortisone Measurin Mediprin

AnacinTablets/Caplets/Maximum

Strength

Anaprox

Daypro Midol Caplet/200

Dipyridamole Mobigesic Motrin

Anaprox DS

Dislcid Motrin Ancid Ansaid

Coumadin

Doan's Pills Nalfon

ArthritisStrengthTri-Buffered

Dolobid Naprosyn Bufferin

Easprin Naprosyn Norwich Tablets Ascriptin A/D Caplets

**Ecotrin** Norgesic Ascriptin Extra Strength Caplets

Caplets/Tablets/Maximum

Nuprin Caplets/Tabs Strength Asperbuf

Orudis P-A-C Analgesic Aspergum Aspirin – all Brands Emperin

including Children's

Meclomen

Pamprin Excedrin – any type Aspirin

Pepto-Bismol –any type Feldene

Persantine **Fiorinal** 

Bufferin-Regular & Extra

BC Powder/Cold Powder

Tolectin Halfrin Strength Buffex

Vanquish Ibuprofen Buffinol Cama Arthritis Strength





# Medications that are Considered Safe after Surgery

Benadryl

Tylenol

Dimetapp

Robitussin

Sudafed

Triaminics

Tylenol cold products

Tylenol Extra strength

Gas-X

Phazyme

Imodium

Colace

**Dulcolax-suppositories** 

Fleets enema

Milk of Magnesia

Peri-colace

Claritin









# Your Program of Recovery after Surgery

#### **TROUBLESHOOTING**

#### What to Do If Food Gets "Stuck"

When food is not passing through the stomach you may experience any or all of the following symptoms:

- Excessive Salivation (Frothing)
- Heartburn
- Nausea
- Cramping
- Vomiting / Dry Heaves
- Pain
- Thirst

In this case, the following steps can be taken to alleviate the discomfort as quickly as possible:

- Relax! Stress will only increase the discomfort. Lie down if you can.
- Don't eat anything. Drink sips of water. Warm beverages seem to help relax the stomach best.
- Stay on liquids for several hours.

Remember if you cannot take in liquids for 24 hours you should contact us for further advice.

#### Did I Chew My Food Well? Did I Take Too Big of a Bite?

If you do not chew your food well enough, the bites you swallow will be too large to pass easily from the stomach pouch. The un-chewed bites will remain in the stomach and are more likely to cause discomfort. Your food should be cut the same size as your "pinky" nail to be small enough.

#### **Nausea and Vomiting**

It is very common for postoperative patients to feel nauseated during the first few months. If this nausea causes frequent vomiting, this necessitates a phone call or visit to the office for follow-up.

When you feel satisfied, stop eating and put the food away. Don't pick at it if you are still at the table. A meal should take no longer than 15 - 20 minutes to finish. If it is taking longer, you are probably waiting too long between bites, or getting full and waiting for it to pass through to give you more room. Remember, the goal is to feel satisfied.... NOT FULL; it may take a little time and listening to your body to learn this feeling of satisfaction.

One of the causes of nausea and vomiting is noncompliance with nutritional guidelines; therefore, following the provided guidelines is very important.

Any problems with nausea or vomiting should prompt the following questions and necessary changes to avoid further pain and discomfort:

- How long am I taking to eat and/or drink?
- Did I drink fluids with my meal or too soon before/after the meal?
- Am I eating more than I should?
- Am I chewing solid foods until they resemble a pureed consistency?
- Did I lie down too soon after my meal?
- Did I eat hard-to-digest foods such as tough meat or fresh bread?
- Did I eat foods from the next stage of the menu plan before being cleared by the physician to do so?

If vomiting persists throughout the day, do not eat solid foods. Sip on clear liquids (stage 1). If vomiting occurs for more than 24 hours, contact the surgeon immediately.

#### **Frothing**

As the new stomach heals, mucous sometimes is excreted to help break down food. With some patients, this mucous will back up in the esophagus and causes frothy clear vomiting. This is short lived and usually resolves by the 3<sup>rd</sup> month. Frothing is not a complication, so try drinking hot water ½ hour prior to your meal to emulsify the mucous. Your meal should then be better tolerated.



#### **Gas Pains**

Gas pains are common in the first few weeks after surgery. Sometimes these pains can be severe and more uncomfortable than the "surgical" pain. To help relieve these pains, try to increase your activity level to include some walking. You can also try anti-gas over-the-counter preparations such as Simethicone, Mylanta, Maalox and Gaviscon.

Gas pains or spasms may occur months or even years after your Bariatric operation. The cause for random episodes of gas or spasms is often unknown, and this discomfort will usually relieve itself in a short time. If the discomfort from gas or

spasms persists, contact your surgeon for evaluation and possible treatment with medication to relax the intestine.

#### **Hair Loss**

If you notice hair loss/thinning, especially around the third month after surgery, you should consult with our dietitian to help increase your protein intake. Hair loss is often attributable to protein deficiencies, and by increasing your protein intake, you may reduce hair loss. There are no "guarantees," however. Hair re-growth frequently occurs after several months. We recommend 70-80Gm protein each day.

#### **Bowel Habits**

It is common to have some temporary bowel changes following surgery. These changes range from constipation to diarrhea. If you do not move your bowels by the first or second day at home, you may try a mild laxative such as Milk of Magnesia. Follow the bottle instructions.

Maroon or blood-tinged stools should be reported to your surgeon, as they may indicate the need for additional medication to reduce the chance of ulcers.

#### Constipation

After surgery, constipation may occur. Remember that food intake now is very small compared to that before surgery; therefore, bowel movements will be decreased. Many people report having a bowel movement every two to three days. If stools are hard, be sure to drink an adequate amount of fluid (48 to 64 ounces per day) between meals. Also, when appropriate, include more fiber-containing foods in the meal plan such as certain fruits, and fiber products. You may also try Smooth Move, Apricot or Prune juice (unsweetened), Milk of Magnesia or MiraLAX.

#### Diarrhea

Immediately following surgery, there may be some diarrhea. This should be temporary. If diarrhea occurs more than 3 times in a day, you may take Imodium or over the counter equivalent. If diarrhea persists and adequate hydration is not possible, contact the office. You may have bloody stools (black tarry) the first 1-2 bowel movements. If this persists, please call the office.

#### **Sleeping**

You may sleep in whatever position is comfortable when you get people find that sleeping on their stomach may not be comfortable for to abdominal discomfort. If you are having difficulty sleeping, this is likely due to the busy 24-hour schedule of the hospital environment.



home. Many many weeks due normal and most Some people find

that taking their pain medication before sleep will help them feel more comfortable and get to sleep. You may also try a mild crushed sleeping aid such as "Tylenol PM" to help you rest if the problem persists.

#### **Headaches**

Some of you who were without anti-depression medication for several days may have migraine type headaches as a withdrawal effect. Please resume these medications ASAP. (No extended or time released medications.)

#### **Returning to Work**

You should plan on taking 7-14 days off work. We recommend to those who must return to work before 2 weeks, begin with a less than full time schedule and work slowly back to full time. You will need to be sure your employer will allow you to take time to eat your meals slowly at work to ensure proper nutrition. If you need "return-to-work" or other insurance papers completed, please bring them to the office at the one-week visit and we will be happy to assist you with their completion. Remember, NO lifting over 25lbs. For 4 weeks…NO EXCEPTIONS.

#### **Activity**

It is important to be up out of bed or chair and active when you return home. You might notice that you tire easily and need to take frequent rest periods.

You can resume sexual relations when desirable, keeping the restrictions on other physical activity in mind.

#### **Exercise**



Exercise is one of the most important things you can do for yourself after surgery to keep healthy, increase your energy level and lose the maximum amount of weight.

Walking will burn about 200 calories per mile (there are 3,500 calories in one pound). When you get home, you should start a walking program to your tolerance. In addition to the walking program, you should be active and walking as you would normally around your house. If you begin to feel short of breath, tired or exceed your target heart rate

during the walking program, slow your pace or stop.

After the first couple weeks, you will substitute another type of exercise, our Peachtree Exercise Prescription. This is a High Intensity Training exercise regimen that allows you to burn more fat. You will need light weights from 5 - 10 lbs to perform these exercises. If you have certain muscle, joint or inflammatory processes, our exercise physiologist and physician will build a specialized program for you to prevent injury.

#### **Pregnancy after Surgery**

Women of childbearing age should be on a reliable method of birth control until their weight has stabilized for at least 12-18 months. We DO NOT recommend pregnancy until at least 12 months after surgery! If pregnancy does occur, a detailed consultation with your bariatric surgeon and obstetrician will be necessary to assess your nutritional status. After delivery, weight loss will resume.

#### The Internet

The Internet has a wealth of information and online support groups for bariatric surgery patients. Support group members have recommended searching under "Bariatric Surgery" to find a wide selection of sites. You can post messages and ask questions of former patients from a variety of programs across the nation.

#### **Support Groups**

One of the assets of the Bariatric Surgery Program is the post-operative care provided to our patients. Medical studies on Bariatric patients conclude that the most successful patients are those who adhere to and take advantage of the follow-up activities provided by comprehensive programs.

Monthly Support Group programs not only offer you the opportunity to compare your experience with the patients in one-on-one, informal setting, but they strive to provide educational sessions each month on topics of interest to Bariatric patients. We strongly encourage you to attend support groups, which are posted on the website. Remember, one of the lifestyle commitments you made when you decided to have surgery was adherence to follow-up (the other two were diet and exercise).

# **Exercise Prescription**

The following exercise routine should be initiated 2 weeks post-op.

Do exercises 5 days a week. Follow each day's exercise plan.

Know how to perform the exercises before starting workout session.

Complete the designated number of repetitions for each exercise without resting between exercises.

Once you finish all the exercises in the workout you rest for 2 minutes then repeat 3-4 times.

The workout should **last 20 minutes**. Set a timer on your phone.

You will need a set of dumbbell weights: 5 lbs, 8 lbs, 10 lbs, and/or 15 lbs

Use the lesser weights on upper body exercises and the heavier weights on lower body exercises.

Day 1

Exercise	kercise Week 1		Week 3
Dumbbell Squat	7 repetitions	10 repetitions	15 repetitions
Dumbbell Bicep Curls	7 repetitions	10 repetitions	15 repetitions
High Knees	7 repetitions	10 repetitions	15 repetitions
<b>Dumbbell Abdominal Twist</b>	7 repetitions	10 repetitions	15 repetitions
Scissor Kicks	7 repetitions	10 repetitions	15 repetitions

#### Day 2

Exercise	Week 1		Week 3
Dumbbell Step Up	7 repetitions	10 repetitions	15 repetitions
One Arm Dumbbell Rows	7 repetitions	10 repetitions	15 repetitions
Two Arm Seated Dumbbell Extension	7 repetitions	10 repetitions	15 repetitions
Dumbbell Side Bends	7 repetitions	10 repetitions	15 repetitions
Sit Ups	7 repetitions	10 repetitions	15 repetitions
	7 repetitions	10 repetitions	15 repetitions

#### Day 3

Exercise	e Week 1 Week 2		Week 3	
Dumbbell Lunges	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Floor Press	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Stiff Leg Deadlift	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Lateral Raises	7 repetitions	10 repetitions	15 repetitions	
Lying Floor Leg Raises	7 repetitions	10 repetitions	15 repetitions	

# Day 4

Exercise	Week 1	Week 2	Week 3	
Wall Squats (engage core)	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Shrugs	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Reverse Lunges	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Bicep Curls	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Lateral Squeezes	7 repetitions	10 repetitions	15 repetitions	

Day	5

Exercise	Week 1	Week 2	Week 3	
Dumbbell Squats	7 repetitions	10 repetitions	15 repetitions	
High Knees	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Step Ups	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Calf Raises	7 repetitions	10 repetitions	15 repetitions	
Dumbbell Side Bends	7 repetitions	10 repetitions	15 repetitions	
lanks 7 repetitions		10 repetitions	15 repetitions	

# **Dumbbell Squats**

Version A



Version B



Version B

**One Arm Dumbbell Row** 



**Dumbbell Bench Press** 

Version A



**Dumbbell Bicep Curl** 



Two Arm Seated

Dumbbell Extension

Sit Ups

**Dumbbell Abdominal Twist** 







**Dumbbell Step Ups** 

**Dumbbell Stiff Leg Deadlift** 

**Seated Dumbbell Press** 











**Standing One Leg Dumbbell Calf Raises** 



**Dumbbell Shurgs** 



**Dumbbell Side Bends** 



# **Dumbbell Lunge**



Renegade Row







Lat Squeezes Version 1

Version 2

**Dumbbell Lateral Raises** 









**Standing Hammer Curl** 





**Lying Dumbbell Extension** 



# Lying Floor Leg Raises (Engage your core throughout the move)

**High Knees** 





**Scissor Kicks** 

**Back Extensions (Superman pose)** 







**Reverse Lunge and Press** 

**Wall Squats** 









# **Advancing Your Diet after Bariatric Surgery**

# Stage 1- Week 1: Clear Liquid Diet

Clear Liquid Diet to begin post-op Day 1 if no nausea or vomiting.

You must sip fluids all day. The goal should be 4-8 ounces per hour for a total of at least 64 ounces of clear liquids per day.

Start chewable or liquid vitamins on the first day home.

#### **Recommended Sugar-Free Clear Liquids:**

- Clear Broth or Bouillon Chicken, Beef, or Vegetable, can add protein powder
- Crystal Light or sugar-free Kool-Aid
- Decaf tea and coffee (NutraSweet, Splenda, Sweet-n-Low, Stevia allowed, non-dairy creamer is ok)
- Fruit juice sweetened with Splenda or other artificial sweetener. Avoid citrus (orange, grapefruit, and pineapple) and tomato. Grape, apple and cranberry are okay. No juice drinks or juice cocktail
- Herbal Tea or un-sweet tea Caffeine Free
- Sugar Free Jell-O
- No Carbonated beverages
- Propel Water by Gatorade or Powerade Zero
- Sugar Free drinks including Diabetic Breeze
- Sugar-free popsicles, Sugar Free Italian Ice, Sugar Free Sherbet
- Water
- Ocean Spray

#### Take Supplements - Exercise Daily - Extra Protein - Drink Fluids

# **Stage 2- Week 2: Full Liquid Diet**

Start high Protein Full Liquids (Pro-complex, Body Fortress, etc.) in addition to Sugar Free Clear Liquids.

#### **RECOMMENDED FOODS:**

- All food from previous stages
- If protein powder with clear liquid tolerated, then mix protein powder of choice with non-fat milk or Almond Breeze. If Lactose intolerant, use non-fat Lactase-Enzyme treated milk.
- Low Fat creamed soups thinned (no chunks), check useful websites for recipes.
- Natural applesauce (no sugar)
- Greek Yogurt
- Skim milk or lactose free skim milk Fat-free / sugar-free pudding less than 60 calories and 8 grams of sugar per serving, natural applesauce, low fat / sugar-free yogurt (no fruit chunks)
- Sugar-free Carnation Instant Breakfast- made with skim milk
- Sugar-free Fudgesicles
- Sugar-free pudding- make with skim milk and add protein power
- Sugar-free yogurt (no chunks) made with Nutra-sweet or Splenda. Greek yogurt
- Unsweetened 100% Fruit Juice diluted with water without pulp (no orange juice, grapefruit or tomato juice).
   Limit to 4 ounces per day.
- V-8 juice (low sodium), V8 Fusion, tomato juice and all other no added sugar fruit juices. Try light versions sweetened with Splenda.
- Broth Soups



# Stage 3 - Week 3: Pureed Diet to Soft Diet

#### **Pureed Diet to Soft Diet**

- ✓ Add one new food at a time
- ✓ Aim for 48 to 64 ounces of fluid per day to prevent dehydration. Avoid drinking 30 minutes before and after meals.
- ✓ Avoid starchy foods like white rice, brown rice, pasta, breads
- ✓ Chew completely and slowly
- ✓ Continue full liquids to pureed adding one new food at a time, as tolerated.
- ✓ Eat three (3) meals a day and (2) two snacks.
- ✓ Limit fats and avoid sugars.
- ✓ Protein is the priority (70-80 grams per day).

#### **RECOMMENDED FOODS:**







- All foods from previous stages.
- Blended protein shakes with non-fat, sugar-free frozen yogurt, pureed fruit
- Dried beans and peas-black beans, kidney beans, low fat refried pinto beans, lima beans, lentils, split peas cooked without added fat until very tender (remember that these foods may cause abdominal discomfort and/or gas).
- Eggs, scrambled
- Hummus
- Lean meats (fish, tuna fish, chicken, turkey) make sure the meats are moist and very chewed up before swallowing
- Low fat cheese containing less than 6 grams of fat per ounce (most 2% cheese), Low fat or nonfat cottage cheese (1/4 cup), ricotta cheese
- Soft canned fruits (pears or peaches) sweetened with Splenda
- Soft cooked vegetables (avoid asparagus and celery)
- Tuna fish made with low fat mayo
- Tuna, canned salmon without skin, ground white meat turkey, ground chicken
- Vegetables such as green beans, zucchini, squash (mushy in mouth before swallowing)
- Avocados



# Stage 4 - Week 4: Add new foods one at a time

#### SOFT TO REGULAR DIET

- ✓ Aim for 64 ounces of fluids to prevent dehydration. *Avoid drinking 30 minutes before and after meals.*
- ✓ Continue drinking fluids especially water between meals and throughout the day.
- ✓ Three (3) meals a day, plus two (2) snacks, if needed. No more than two oz's of meat and 1 oz of other food for a meal and 1-2oz for snacks.

#### **RECOMMENDED FOODS:**

- All foods from previous stages.
- Avoid fibrous vegetables (raw cabbage, celery, asparagus, lettuce)
- Avoid fruit with membranes (oranges, grapefruit, pineapple, grapes)
- Avoid tough meats (steak, roast, pork chops)
- Cheese containing less than 5 grams of fat per ounce (most 2% cheese), Laughing Cow cheese, cheese sticks
- Dried beans and peas-black beans, kidney beans, low fat refried pinto beans, lima beans, lentils, split peas
  cooked without added fat until very tender (remember that these foods may cause abdominal discomfort
  and/or gas).
- Lean meats (fish, tuna fish, chicken, turkey) make sure the meats are moist and very chewed up before swallowing
- Low fat or nonfat cottage cheese (¼ cup)
   or canned in juice
- Soft canned fruits (pears or peaches) sweetened with Splenda, or sugar free
- Soft cooked vegetables

#### **Remember:**

- Add one new food at a time
- Avoid starchy foods like white rice, pasta, breads
- ✓ Chew completely and slowly
- ☑ Continue supplemental protein (70-80 grams of protein is the daily goal)

#### You are recommended to avoid the following food for the long term.

- Foods high in carbohydrates (Pasta, Rice, breads, Crackers, Potatoes, Macaroni)
- Foods high in trans fats (saturated fats such as found in coconut oil are fine)
- Fried foods
- Sugar beverages such as juice and soda.



30

- TIP

# **General Dietary Guidelines for Life for the Bariatric Patient**

Choose foods moderate in protein, low in carbohydrates, and moderate to high in good fats (avocado, olives, nuts, salmon, trout, tuna, catfish, sardines, peanut butter, etc.)

There is an app on android and iPhones called the Glycemic Index (See Below). Download this app. This app tells you what foods stimulate the release of insulin. Insulin causes you to store fat. In order to avoid the release of insulin always consume foods in the app with an <u>index of less than 40</u>. Anything 40 or above will cause you to release insulin and hold on to your fat, resulting in you not losing the weight you need. For instance, bread on the index is greater than 40. Eating bread will cause you to hold on to the fat. If you ate for breakfast with an egg, and chicken sausage, this would be fine because they are below 40 and won't stimulate insulin. But what you probably don't know is that is you add a small slice of toast with the egg and sausage, insulin will rise and tell your body to store the egg and sausage as FAT! Just by eating the toast! The same holds true for dinner and lunch. If you eat a healthy piece of salmon and spinach for dinner... this would be fine. But if you add a side of rice, or a small baked potato (glycemic index > 40), that healthy salmon and spinach will be **STORED AS FAT!!!** Just say NO to the carbs >40 with meals or by themselves. You will store FAT!

A lot of patients say..." well I only ate a little potato or a small amount of rice. The amount doesn't matter, the potato, rice or other carbs with an index >40 will cause you to store everything as fat. So, eating "just a little" doesn't matter. The result (storing the fat) will be the same. This is one of the causes of weight regain after this surgery. People will always say to me...." WELL I ONLY ATE A LITTLE". It doesn't matter. If the carb is > 40, no matter the portion size you eat, you will not lose the fat.



#### **Android Version**

**IPhone Version** 

#### "HEALTHY CHOICES"

- ✓ Avoid carbonated beverages and alcohol.
- ✓ Avoid greasy or spicy foods.
- ✓ Avoid or limit whole milk (Almond milk unsweetened is ok).
- ✓ Baked, broiled, barbecued chicken (without skin), turkey, fish, shellfish. REMINDER: Chew, chew, chew so that they can pass through small stomach opening.
- ✓ Canned water packed tuna (1/4 cup = 1 oz meat)
- ✓ Chopped cooked chicken or turkey (make with diet Mayo or dressing) or use for stir-fry.
- ✓ Drink water between meals. Remember 64 ounces or 2 liters per day (at a minimum). Remember to avoid drinking 30 minutes before and after your meal.
- $\checkmark$  Eat 2 3 meals per day. 2-3 snacks daily. Do not force a meal if you are satisfied. No more than 3-4 ounces at a meal and 1-2 ounces at snacks.
- ✓ Eat slowly and chew foods well to avoid stomach distress.

- ✓ Egg / egg whites / egg substitute (1 egg = 1 oz meat = 7gm protein)
- ✓ Ground white meat chicken and turkey use for hamburger patties, casseroles, etc.
- ✓ LEAN PROTEIN SCOURCES: (your new favorite foods)
- ✓ Lean red meats and pork ground will be best tolerated.
- ✓ Liver
- ✓ Proteins should always be eaten first at every meal.
- ✓ Take nutritional supplements as directed.
- ✓ Tofu use in stir fry, soups, add to scrambled eggs ( $2 \frac{1}{2}$  x 2-inch square = 1 oz meat). Tofu takes on the flavor of whatever it is cooked with.







# **How Do I Get the Recommended Amount of Protein I Need?**

\*It is recommended that you get average 60-80gm protein/day. This should be broken up into 3 meals, 2 snacks.

\*You can determine the protein amount with packaged/labeled foods, but foods without labels can be tricky.

Here is a helpful explanation for protein content:

1 ounce of protein = 7gm of protein

1 egg = 7 gm protein



\*Serving of protein 3oz =



(size of palm of your hand or deck of cards) = 25gm protein

#### **Protein-Rich Foods**

Greek Yogurt, Cottage Cheese, Nonfat regular yogurt, Nonfat string cheese

Chicken, Turkey, Lean Beef, Lean Pork, Tuna, Salmon, Shrimp

Almonds, Cashews, Peanuts

Broccoli, Lentils

# **Food Labels:**

Read all your food labels to determine the nutrient content and be on the lookout for hidden sugars. Serving size is important!

Be careful when reading labels at the market. Quoted protein amounts are based on certain serving sizes and you may not be able to have a whole serving – so, a product that appears high in protein may not be all that high.

Check the other nutrients also. A food high in protein, but also high in carbohydrates or fats would not be a good choice as the proportion of protein is not as good as it looks.

#### **Protein and your meals:**

Eat all your protein foods first, and then move on to your vegetables and fruits, then finally your grains and cereals, which should be whole grain.

Half your meal size should consist of protein.

Try to have protein as part of every meal.

#### **Helpful Hints for Success:**

- 1. Avoid time release or extended release forms of medications
- 2. Begin with chewable, liquid, or crushable vitamins, you may progress to whole vitamins after 6 months
- 3. Choose a multivitamin with at least 18mg of iron, 400mcg of folic acid, and some selenium and zinc
- 4. Continue to take in 60-80 grams of protein per day
- 5. DO NOT EAT/DRINK at the same time. Stop drinking 30 minutes prior to eating and wait 30 minutes after eating to resume drinking
- 6. Don't worry as long as you continue your follow up visits, we will make sure you're not lacking any of your vital nutrients
- 7. Exercise a minimum of 5 times per week, making sure to do resistance training prior to cardio.
- 8. Fluid 64oz. per day (four 16 oz bottles or eight 8 oz bottles)
- 9. Maintain a food diary that includes water intake and exercise log
- 10. No NSAIDS, example: Aspirin, Ibuprofen, Advil, Motrin, unless approved on individual basis
- 11. Take vitamins close to or at mealtime to help intolerance
- 12. Taking supplements will promote and help maintain weight loss, so continue for life

# **Guidelines for Food Selection for Bariatric Patients**

The following list is to be used as a guide for making food selections. Always work toward eating a well-balanced diet.

	FOODS RECOMMENDED	MAY CAUSE DISTRESS
Protein	Eggs, fish, chicken, turkey, tofu. Try to choose white meat poultry. If tolerated, nonfat/low-fat cottage cheese, cheese, plain or artificially sweetened nonfat/low-fat yogurt, Lactaid milk.	Fried or high fat meats, fried eggs, highly seasoned or spicy meats, skin of meats and tough meats. Avoid red meat (beef, lamb, pork) during the first 4 months.
Vegetables	Soft cooked fresh, frozen or canned vegetables (i.e., carrots, beets, mushrooms, spinach, squash, green beans), vegetable juice, and raw vegetables as tolerated after several months.	Any vegetable with tough skin or seeds (i.e., tomato, corn, celery). Cabbage, cauliflower, broccoli and brussel sprouts may cause gas distress.
Fruits	Unsweetened canned fruits, fresh fruits as tolerated in approx. 3 months)	Fruit juices/drinks, fruit skins, fruits canned in heavy syrup. Dried fruits, pineapple for 6 months, melons and raw apples may cause gas distress.
Soups	Protein soups made with allowed foods, spicy soups as tolerated. While restricted on liquids with meals, strain and eat liquids only	Soups prepared with heavy creams or made with high fat ingredients.
Fats	Small amounts of butter or coconut oil may be used, low-fat salad dressings, nonfat/low-fat mayonnaise, sour cream and cream cheese are tolerated. Avocados. Peanut butter in small amounts.	Regular mayonnaise, salad dressing, margarine, butter and sour cream.
Sweets	Not recommended. See "dumping" explanation.	All sweets, candies and desserts especially if made with chocolate or dried fruits or if eaten on an empty stomach.
Beverages	Decaffeinated coffee, un-sweet tea, water, nonfat/low-fat Lactaid milk, Crystal Light, fruit juices with sweetened with Splenda, half calorie juices, and Sugar free Kool-Aid.	Alcohol, sweetened fruit drinks or carbonated regular soda.
Miscellaneous	Iodized salt, pepper, herbs and flavored seasonings as tolerated. Light mocha mix or other nondairy low-fat substitutes.	Jalapenos, nuts, seeds, tough skins for at least 3 months post-op.

Name & Price of Protein	Kcal/ serving	Protein- gms/ serving	Type of Protein	Sugar- Grams/ serving	Availability	Notes
EAS AdvantagEdge CHO control (\$5.99/4pack)	100kcals	15gm	Milk Protein concentrate, Calcium Caseinate, Whey protein Isolate	0	Most grocers, drug stores, Walgreens.com, GNC, Walmart, Target, Vitamin Shoppe, Google on internet	Can mix with milk, Almond Breeze, or Silk, add to pudding yogurt
Can mix with milk, Almond Breeze, or Silk EAS Myoplex Carb Sense (\$44/20 pack mix)	90kcals/10.5 fluid oz	22gm	Milk Protein concentrate, Calcium Caseinate, Whey protein Isolate	0	Most grocers, drug stores, Walmart, Target, GNC, Vitamin Shoppe, Google on internet	Can mix with milk, Almond Breeze, or Silk, add to pudding, yogurt
Bariatric Advantage Micro-filtered Whey (\$46.95/tub)	140kcals/2s coops	27gm	Whey Protein Isolate	1	www.bariatricadvant age.com	Can mix with milk, Almond Breeze, or Silk, add to pudding yogurt
GNC Soy Protein 95 (\$16.95/1 lb tub)	130kcals/sc oop	25gm	Soy Protein Isolate	2	GNC or www.gnc.com	Can mix with milk, Almond Breeze, or Silk, add to pudding yogurt
IDS Whey Isolate (\$38.89/ 5#tub)	125kcals/sc oop	25gm	Whey Protein Isolate	3	Amazon.com, GNC, Google on internet, www.store.bariatricea ting.com	Can mix with milk, Almond Breeze, or Silk, add to pudding, yogurt
Pure Unflavored Protein Isolate (\$24.99/21 servings)	100kcals/2s coops	24gm	Whey Protein Isolate	0	www.store.bariatricea ting.com	Useful in for clear liquid diet, mixes with broth, soups, crystal light
Nectar Protein	90kcals/ 25gm serving	23gm	Whey Protein Isolate	0	www.store.bariaticeat ing.com; www.bodybuilding.c om	Tastes like fruit juice
Unjury	90kcals/	20gm	Whey	2	www.unjury.com	Several

\$18.95/tub	25gm serving		Protein Isolate			varieties, some for clear liquids, recipes included on website
Elite Protein \$16.99/2# tub	117kcals/sc oop	24gm	Whey Protein Isolate	0	www.bodybuilding.c om www.supplementwar ehouse.com	Multiple Flavors
Zero Carb Isopure 31.99- 38.99/3#tub	100kcals/sc oop	25gm	Whey Protein Isolate	0	www.bodybuilding.c om www.supplementwar ehouse.com	Multiple Flavors
Any Whey Protein Powder \$29.99/30 servings	70kcals/sco op	17gm	Whey Protein Isolate	0	www.optimumnutriti on.com, www.bodybuilding.c om	Unflavored to mix with any food or beverage
Procel \$22.88/can	28kcals/sco op	5.3gm	Whey Protein Concentrate	0	www.carepathways.c om www.amazon.com	Must use 5 scoops per serving. Unflavored, mixes with anything, food or beverage.
Gold Standard Whey Protein \$39.99/5# tub	120kcals/sc oop	24gm	Whey Protein Isolate	1	www.bodybuilding.c om www.GNC.com www.vitaminshoppe. com	Multiple Flavors
Prostat Liquid Protein \$31.99/bottle	64kcals/1oz	15gm	Whey Protein Isolate	0	www.bariatricchoice. com www.amazon.com	Wild Cherry Punch, Butter Pecan, Natural

#### IMPORTANT INFORMATION ABOUT FOLLOW-UP

Insurance companies are watching very carefully to make sure that their investment in your health has been worthwhile. Therefore they are very interested in your investment in your health as well. They want to know that you are compliant in making this surgery a success! Follow-up visits are being monitored very carefully. You must attend your follow-up visits.

If not, anything that you may need in the future regarding your surgical procedure (such as revisions, endoscopy or other follow-up procedures) will not be paid for by your insurance company. That means if you need a revision for weight regain, but the insurance company sees that you have not been compliant with follow-up appointments, they will refuse to pay for any surgery related to weight regain. This is important, as most patients without careful follow-up will tend to regain their weight. If you want your options open for the insurance company to help with any needed future surgery, including excision of excess skin, again you must keep your follow-up appointments!