



MEXICO BARIATRIC CENTER

# NUTRITION GUIDE

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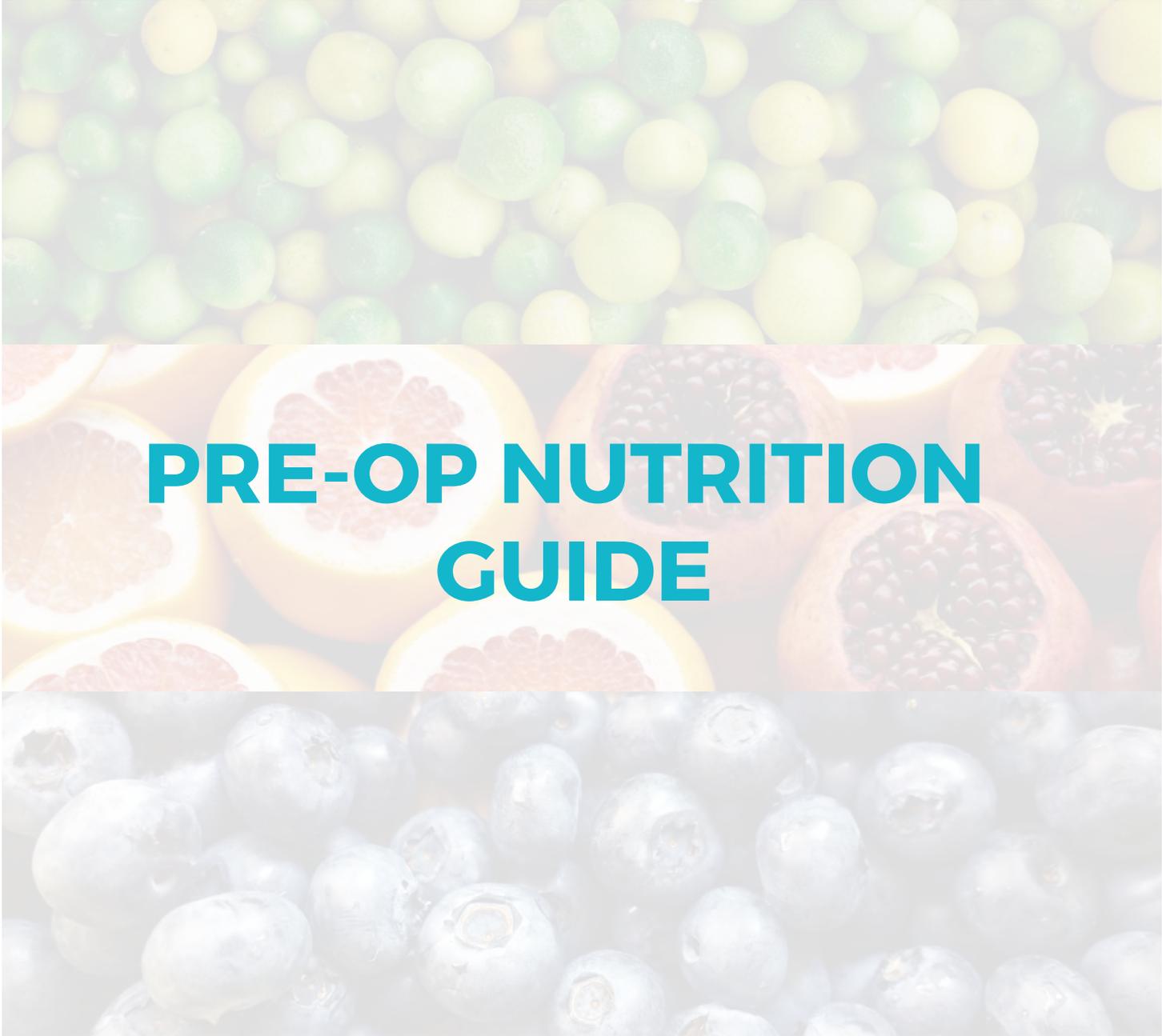
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**PRE-OP NUTRITION  
GUIDE**

# Pre-Op Nutrition Guide

## PRE-SURGERY EXPECTATIONS

- Start the pre-op phase based on your BMI.

### 7 Days Prior to Surgery

- Some medications may need to be discontinued before surgery depending on the instructions of your SURGEON.
- Specific medications to stop: Coumadin, ANY ANTICOAGULANTS, OR BLOOD THINNERS Plavix, Aspirin, Ibuprofen, Motrin, Advil, Nuprin, Aleve or any other non-steroidal anti-inflammatory medication.
  - \*\* Remember this also includes baby aspirin and most arthritis medications. As these can cause stomach irritation and possible more bleeding postoperatively.
- If there are any medications you need to stay on, talk directly with your nutritionist to get okay from your surgeon.
- Discontinue birth control and supplemental hormones (IUD'S & IMPLANTS ARE TOTALLY SAFE and do not need to be removed).

### 14 Days Prior to Surgery

- Discontinue ALL vitamins and supplements unless otherwise approved by your surgeon.
- During your pre-op phase;
  - Discontinue ALL consumption of Dairy, Starches, Sugars, Desserts and keep fruit to a minimum (1/2 cup of berries, 1/2 a banana or 1/2 an apple daily).

# Pre-Op Nutrition Guide

## PRE-SURGERY EXPECTATIONS

- During your pre-op phase;
  - Discontinue drinking ALL caffeine 2 weeks prior to your surgery date. Caffeine may cause acid reflux post op due to acidity. You may drink decaffeinated coffee/tea. Please ensure to stay hydrated.
  - Discontinue ALL carbonated beverages (including sparkling water).
  - Avoid: Ginseng, Ginger, Garlic and Omega 3 supplements. These increase bleeding risk. You may consume small quantities of garlic and ginger in cooking.
- Begin the practice of NOT drinking with 30 minutes prior to/during/post meals. This needs to become a LIFELONG HABIT.

# Pre-Op Nutrition Guide

## PRE-OP GUIDELINES

The purpose of this nutrition guide is to help shrink your liver prior to surgery by depleting stored glycogen.

The goal is to consume 3 Whole meals per day. Breakfast, Lunch and Dinner.

Your meals should consist of the 3 Macro nutrients - Protein, Healthy Fats and Fibrous Carbs.

Here is an 'example' of what your day should look like:

### Breakfast

- 2 Whole Eggs
- 1 Tsp Coconut oil/Olive oil
- 1/2 an avocado
- 1 Cup of Spinach (Raw or Cooked)

### Lunch/Dinner

- 4-6 oz (110g - 170g) of lean protein
- 2 Fist size of vegetables (fibrous carbs)
- 1-2 thumb size of fats

### Snacks am/pm

- Protein Smoothie with Greens and Berries
- Protein Shake (limit 1-2 per day if needed, premier protein okay)
- Apples with Almond Butter
- Vegetables with Hummus

# Pre-Op Nutrition Guide

## APPROVED PROTEIN LIST

### GRASS FED MEAT

Lamb  
Lean/Extra lean cuts of beef  
Lean pork (Pork Tenderloin,  
Canadian Bacon)  
Wild Game (Buffalo, Elk,  
Venison)

### WILD CAUGHT SEAFOOD

Clams  
Crab  
Lobster  
Shrimp  
Scallops  
Squid

### ORGANIC POULTRY

Chicken Breast  
Eggs / Egg Whites  
Egg Substitute  
Turkey

### WILD CAUGHT FISH

Cod  
Flounder  
Haddock  
Halibut  
Mackerel  
Salmon  
Sardines  
Tuna  
Seabass

### PROTEIN ALTERNATIVES

Vegan Protein Powder  
Whey Protein Powder  
Nuts & Seeds  
Beans (all varieties)  
Impossible Burger  
Tofu  
Tempeh  
Quorn  
Fairlife Milk (Lactose Free)

# Pre-Op Nutrition Guide

## APPROVED FATS LIST

### Healthy Fats

Avocado

Olive Oil

Coconut Oil

Nuts (Limit to a handful per serving)

Nut Butters (1TBSP per serving)

Chia Seeds

Flax Seeds

85% Beef

90% Bison

Salmon

Hemp Seeds

Whole Eggs

# Pre-Op Nutrition Guide

## APPROVED FIBROUS CARBS LIST

You may eat an unlimited amount of **Fibrous Carbs (VEGETABLES)** You are not limited to the list.

Celery	Bok Choy	Mushrooms	Zucchini
Radish	Asparagus	Tomato	Cauliflower
Bell Pepper	Cabbage	Eggplant	Brussel Sprouts
Broccoli	Green Beans	Carrots	Spaghetti Squash
Pumpkin	Peas	Corn	Delicata Squash
Black Beans	Lentils	Chickpeas	Acorn Squash
Butternut Squash			

**Please cut out the following from your diet.**

Rice  
Pasta  
Potatoes/Sweet Potatoes  
Quinoa/Buckwheat  
Muffins/Breads/Rolls (ALL WHEAT & GLUTEN)  
Oats/Cereals/Granola  
All Dairy

**Have as much soup as you would like.**

Weight loss soup recipe:

<http://favfamilyrecipes.com/weight-loss-magic-soup.html>

# Pre-Op Nutrition Guide

## RECOMMENDED PROTEIN POWDERS

Ideally you want to get your protein intake from real foods.

However if you need to supplement with a protein powder, we recommend sticking with plant based proteins or whey isolate. Premier protein is okay.

Choose a protein shake that is high in protein 20 grams or more and low in sugar <5 grams.

Here are a few of our favorites. You can find them on Amazon.

**Vega One Organic All-in-One Shake**  
**Vega Sport Performance**

**Nuzest Clean Lean Protein - Premium Vegan Protein Powder**  
**Naked Pea Protein**



# Pre-Op Nutrition Guide

## 2 DAYS PRE SURGERY PREP

2 Days Pre Surgery, you need to only consume Clear Liquids.

These are the approved Clear Liquids you may have:

- Non Carbonated sugar-free / low sugar clear liquids
- Water
- Bone Broths: Chicken, Vegetable, Beef
- Crystal Light / Vitamin Zero Water / Powerade Zero / Propel
- Caffeine Free Herbal Tea
- Caffeine Free Coffee
- Sugar Free Jello
- Sugar Free Popsicles

Please **DO NOT** drink this:

- Premier Protein Water
- Protein Shakes

You may eat 2 Plain Fat Free Greek Yogurts or Organic Plain Fat Free Yogurt per day during the Clear Liquid phase.

# Pre-Op Nutrition Guide

## DAY OF SURGERY PREP

Do not eat or drink anything after midnight the night before the surgery.

That means, you will need to **STOP** the following:

- All Medication, unless prescribed by the doctor
- All Liquids

Please note, you will need to bring ALL your prescribed medications in properly labeled pharmaceutical bottles for documentation during Pre-Op testing.

Do **NOT** take any medications after surgery until you have consulted with the doctor(s) and have gotten approval.



**POST-OP NUTRITION  
GUIDE**

# Post-Op Nutrition Guide

## HOSPITAL POST-OP DAY 1 (PHASE 1)

Immediately post-op you will need to make sure you work your way up to drinking up to 64 fluid ounces (2 Liters) of liquids. This will help aid with staying hydrated.

You will also need to ensure you are getting adequate amounts of protein (broths) to help with your recovery post-op.

### Important Considerations for Phase 1 Clear Liquid Phase:

- This phase will start when you are in the hospital and may last up to 5 - 7 days and may last up to 14 days
- Intake goal is 64 fluid ounces (2 Liters), and a minimum of 48 fluid ounces (1.5 Liters) per day
- Clear broths/bouillon (chicken/beef/vegetable)
- To avoid Acid Reflux; drink 1 fluid ounce (medicine cup) at a time, wait 60 secs and proceed to the next fluid ounce
- Drink Water / Sugar Free drinks/ Decaffeinated Herbal Teas
- Sugar-Free Jello/ Sugar-Free Popsicle's

# Post-Op Nutrition Guide

## HOSPITAL POST-OP DAY 1 (PHASE 1)

### Things to **AVOID**:

- Carbonated drinks/Milk/Dairy/Protein Shakes/All forms of Ice/ Caffeinated drinks
- No vitamin or mineral supplements at this time
- No Sugary Drinks (this may cause dumping syndrome)
- NO ALCOHOL

# Post-Op Nutrition Guide

## PHASE 2 - THICK LIQUIDS

This phase begins 5 to 7 days after surgery if you can tolerate and advance from phase 1.

In this phase our goal is to reach 80-100 grams of protein per day. Choose a protein supplement with at least 20-30 grams of protein and no more than 5 grams of sugar.

### Important Considerations during Phase 2:

- Getting enough protein is the main goal for Phase 2. Slowly work your way up to 80 - 100 grams of protein per day. This can take 2-3 weeks to reach this goal.
- Protein aids in proper wound healing after surgery.
- Helps your body burn fat instead of muscle
- Hydration goal is still 64 fluid ounces (2 Liters) per day
- You should also start your vitamin supplements 7-10 days post surgery

# Post-Op Nutrition Guide

## PHASE 2 - THICK LIQUIDS

### TRY THIS:

- Blended soups (Homemade is best)
- Protein Shakes
- Fruit and vegetable purees
- Clear protein powder (add to savory items)
- Thinned refried beans or pureed beans/lentils

### NOT THIS:

- High sugar flavored yogurts
- Ice cream/sorbet
- Smoothies from chain restaurants
- Store-bought baby food
- Alcohol

# Post-Op Nutrition Guide

## PHASE 2 - THICK LIQUIDS

Below is a guide of how you can expect your thick liquid day to look like:

### REMEMBER:

- Work your way up to this
- It may take 5-14 days to be able to drink this much

MEAL	LIQUIDS	LIQUID GOAL	PROTEIN (G)
<b>BREAKFAST</b>	Protein shake Sip water	5 ounces 5 ounces	15
<b>SNACK</b>	Protein shake Sip water	5 ounces 5 ounces	15
<b>LUNCH</b>	Blended/Strained Soup with unflavored protein added Sip water	5 ounces 5 ounces	20
<b>SNACK</b>	Protein shake Sip water	5 ounces 5 ounces	15
<b>DINNER</b>	Protein shake Sip water	5 ounces 5 ounces	15
<b>SNACK</b>	Protein shake Sip water	5 ounces 5 ounces	15

LIQUID GOAL	PROTEIN (G)
Total: 60oz	Total: 95 grams

# Post-Op Nutrition Guide

## PHASE 2 - THICK LIQUIDS

A great way to get your micro nutrients and protein in, is to make your own smoothie.



### SMOOTHIE RECIPE EXAMPLE:

- Lots of leafy greens (like kale, spinach, etc)
- Fruit (berries, apple, banana)
- Protein Powder
- Bariatrics Vitamins
- Water and Ice

# Post-Op Nutrition Guide

## PHASE 3 - SOFT SOLIDS (PUREED)

This phase starts 10-21 days after surgery and can last up to 14 days.

By now you should start weighing out your foods to 4-6 ounces (110 - 170 grams) total per meal. 3 ounces (85 grams) will always be protein.

### PROTEIN FIRST!

Think of your new pouch as shaped like a funnel. You can pour any liquid into this funnel and it will run through and out the bottom. The same thing happens with your pouch when you only consume liquids. **So you do not want to drink your calories or overeat.** It is important to make this transition to food and to wean yourself off of the protein shakes at this stage.

Make sure to chew all of your food to applesauce consistency. The goal is to take small bites and wait 60 seconds before your next bite. Similar to that of drinking fluids. **THIS WILL HELP AVOID NAUSEA AND VOMITING.**

Do **NOT** drink with any meal. You will need to **STOP** drinking 30 minutes before a meal and 30 minutes after a meal.

# Post-Op Nutrition Guide

## PHASE 3 - SOFT SOLIDS (PUREED)

You want to introduce, at most, 1 new food every 2-3 days. **(Please follow these below steps to the T).**

We recommend you start off with:

- **Soft Dairy** - low-fat organic yogurt/ cottage cheese/ ricotta cheese/ string cheese/ laughing cow
- **Well Cooked Vegetables** - Carrots/ Sweet Potatoes/ Asparagus/ Broccoli/ Cauliflower. Make sure this is a mashed up consistency.
- **Eggs & Beans** - Try poached and fried eggs first to see if you can tolerate this and slowly advance to scrambled and hard boiled. Beans are perfect in soups.
- **Flakey Fish** - Focus primarily on baked white fish. Avoid shrimp for now.
- **Nuts** - This is an excellent source of protein and healthy fats. Eat raw almonds, cashews, hazelnuts, walnuts. or pistachios.
- **Chicken** - Start with dark meat first and if you are able to tolerate chicken you can almost tolerate anything.

# Post-Op Nutrition Guide

## PHASE 3 - SOFT SOLIDS (PUREED)

During this phase you want to **AVOID**.

- Raw Vegetables
- White Bread
- Steak
- Popcorn
- Hot Dogs
- All Desserts
- All Processed Products & Snacks

# Post-Op Nutrition Guide

## PHASE 4 - SOLIDS PHASE

This phase begins 21 days or later following surgery. You and your stomach have made it! Time to create a healthy sustainable lifestyle.

- Eat lots of good calories (**healthy proteins, fats & fibrous carbs**) and very few bad calories (**processed & junk**)
- Should have a variety of foods you eat
- Should digest most soft solid items well without discomfort
- “Can” try any firm food items now
- Continue to chew to applesauce consistency
- Some foods may take months to be able to eat comfortably

### Long Term Intake Goal

- Protein 3 - 4 ounces (100-120 grams)
- Fats: 1-2 Tbspn
- Carbs: 2-3 ounces

# Post-Op Nutrition Guide

## WHAT ARE MACROS & WHY TRACK THEM?

Macros is short for “macronutrients,” and refers to the proteins, carbohydrates, and fats that make up our foods. Some foods might be primarily one macronutrient, where other foods may contain all three macronutrients.

For example: 140 grams of white rice has 40 grams of carbohydrates. 100 grams of avocado has 2 grams of protein, 9 grams of carbohydrate, and 15 grams of fat. See the difference?

**1G OF PROTEIN =  
4 CALORIES**

**1G OF CARBOHYDRATE =  
4 CALORIES**

**1G OF FAT =  
9 CALORIES**

The foods we choose to fill our diet with matter! Imagine a diet full of salmon, avocados, and rice vs. a diet full of soda, cookies, and ice cream.

Although the later might taste awesome, it has the potential to lead down a very different health profile over time.

I recommend weighing and measuring food, so you can use a food tracking application (MyFitnessPal) to determine the

# Post-Op Nutrition Guide

protein, carbohydrate, fat, and calories you consume in a day. This will help avoid hitting a stall and allow you to progress over time.

## 30 DAYS AND BEYOND

After the first month post-op most people are able to eat a large variety of foods and digest most items well. This is when it is a good time to fine tune your nutrition and follow a healthy balanced regiment, that is sustainable long-term.

We recommend you follow a nutritious diet based on the following macronutrients ([Lean Proteins](#), [Healthy Fats](#), [Fibrous Carbs](#)).

### CALORIES & MACRONUTRIENT GOALS:

**Calories** 1200

**Protein:** 30-40% of total Calories

**Fats:** 25-35% of total Calories

**Carbs:** The rest of your Calories goes to Carbs.

**Sugar:** Upto 25 grams (coming from vegetables & fruits)

**Fiber:** 25-35 grams daily



**POST-OP VITAMINS  
AND RECOVERY**

# Post-Op Vitamin Guide

## VITAMIN REQUIREMENT

TYPE OF VITAMIN/ MINERAL	DOSAGE
BARIATRIC-SPECIFIC MULTIVITAMIN	1 SERVING PER DAY
IRON TO BE TAKEN WITH VITAMIN C	IRON: 45-60 MG/DAY VITAMIN C: 500 MG/DAY
CALCIUM CITRATE	500 MCG, 3X A DAY FOR A TOTAL OF 1500-2000 MG PER DAY
VITAMIN D3	3,000 IU DAILY (YOU CAN PURCHASE CALCIUM THAT INCLUDES D3)
VITAMIN B12	500 MCG (ONLY REQUIRED IF B12 IS LOW)
VITAMIN B COMPLEX (WITH THIAMINE)	THIAMINE SHOULD BE IN THE DOSAGE OF 75-100 MG/DAY
ZINC & BIOTIN OPTIONAL TO MINIMIZE HAIR THINNING	ZINC: 15 MG/DAY BIOTIN: 10000 MCG (10MG/DAY)

- Vitamin supplementation should begin 7-10 days after surgery or as soon as you begin the thick liquid stage of your diet. **These should be Chewable, Crushed or Drinkable.**
- Read the supplement label. **NO** single vitamin or mineral may contain everything you need.
- Where to buy Bariatric Vitamins:  
[www.emergebariatrics.com](http://www.emergebariatrics.com)

# Post-Op Vitamin Guide

## VITAMIN SCHEDULE

### Tips for Taking Vitamins:

- Do NOT take on an empty stomach or on a full stomach. Take with food.
- Do NOT take iron and calcium supplements together.

### Recommended Vitamin Schedule:

**AM:** Multivitamin, B12 (plus iron if not in your multivitamin)

**Mid-Morning:** 500 mg Calcium Citrate, Vitamin D3, and Thiamine (B1) (If not in your multivitamin)

**Lunch:** 500 mg Calcium Citrate, 2nd dosage of your multivitamin (If needed)

**Dinner:** 500 mg Calcium Citrate



# Post-Op Vitamin Guide

## WHY VITAMIN & SUPPLEMENTS ARE ESSENTIAL AFTER SURGERY

After weight-loss surgery, you will digest and absorb nutrients differently. Due to these differences, vitamin and mineral supplementation is essential. Knowing what supplements you need to take after bariatric surgery is important to your long-term success.

Research shows that the majority of post-op weight loss surgery patients have one or more deficiencies without proper nutrition and supplementation. Studies have shown that after bariatric surgery, patients do not get the minimum requirements of thiamin (B1), niacin (B3), pantothenic acid (B5), pyridoxine (B6), folate, calcium, biotin, and iron.

# Post-Op Vitamin Guide

## WHY VITAMIN & SUPPLEMENTS ARE ESSENTIAL AFTER SURGERY (CONT'D)

### With a deficiency, you can experience:

- Muscle loss
- Fatigue
- Hair loss
- Cracked and dried skin
- Weak and brittle bones/osteoporosis
- Weakness
- Nerve damage
- So much more

### **B12 Deficiency :**

After gastric bypass and sleeve gastrectomy, you do not produce enough gastric acids or intrinsic factor (IF) to properly absorb vitamin B12. Both stomach acid and IF work to release B12 from food and assist with the absorption of the vitamin. For this reason, a B12 supplement is needed in the form of a sublingual tablet, nasal spray, or injection.

# Post-Op Vitamin Guide

## WHY VITAMIN & SUPPLEMENTS ARE ESSENTIAL AFTER SURGERY (CONT'D)

### Iron Deficiency :

Iron supplementation is recommended for all patients in order to prevent deficiency or anemia. With gastric bypass surgery, the predominant area (the duodenum) of iron absorption is bypassed with the surgery so the amount of iron in a standard multivitamin (18 mg) may not be enough to prevent anemia if you have this kind of surgery. You will need to take more iron if you are iron deficient after a gastric bypass. Menstruating females also have a higher iron recommendation (45-60mg).

### Calcium :

Be sure to choose calcium citrate and not calcium carbonate . After gastric bypass or sleeve gastrectomy, you will not produce the stomach acid needed to activate and absorb calcium carbonate.

# Post-Op Vitamin Guide

## WHY VITAMIN & SUPPLEMENTS ARE ESSENTIAL AFTER SURGERY (CONT'D)

### Thiamin (B1) :

Thiamin needs to be in your multivitamin or taken separately to prevent deficiency. Thiamin deficiency is quickly occurring, can be very serious, and may not be recognized until it is too late. Long-term deficiency symptoms can be irreversible, such as brain damage, heart failure, and paralysis.

### Hair Loss:

Hair loss is a common side effect of rapid weight loss. It will typically occur between 3 and 6 months after surgery and can last up to 12 months after surgery. While this is temporary and your hair does grow back, it can be frustrating.

# Post-Op Vitamin Guide

## WHY VITAMIN & SUPPLEMENTS ARE ESSENTIAL AFTER SURGERY (CONT'D)

### Possible Nutritional Deficiencies:

1. **Not enough high-quality protein:** Be sure to get a minimum of 90 grams of protein daily.
2. **Iron, the micronutrient most related to hair loss:** Ferritin levels below 40 or Hgb below 11g/dL are associated with hair loss.
3. **Essential fatty acids** are needed to supplement with linoleic and linoleic acid. Barlean's essential fatty acid is recommended.
4. **Biotin:** 1 – 2.5 mg per day is recommended.
5. **L-Lysine** makes up 27% of protein in the hair. A supplement of 1.5 – 2 grams per day is recommended. Also found in fish, meat, and eggs.

To minimize your hair loss, be sure to get a minimum of 60 grams of protein daily, take the recommended bariatric vitamin supplements daily, and add biotin to your supplement regimen.

# Post-Op Recovery Guide

## ACID REFLUX & GERD

### How to Avoid Acid Reflux & GERD Symptoms:

- Drink 1 fluid ounce (medicine cup) at a time, wait 60 seconds and go for another.
- Eat small bites, chew food thoroughly to baby food consistency, wait 60 seconds before next small bite.
- CHEW AND DRINK SLOWLY.
- Eat smaller, more frequent meals.(Every 2-3 hours). Over eating can trigger acid reflux.
- Stop eating 3 hours before bed. Eating right before bed can affect your sleep.
- Start taking a probiotic that has at least 50 billion units. Follow directions on bottle.
- Do not overeat.

### Foods that may assist with Acid Reflux:

- Yogurt (low sugar) Whole plain Greek yogurt
- Fermented foods/ vegetables (examples: pickled cucumbers, pickled garlic, pickled beets, pickled radishes, sauerkraut, soy sauce)

# Post-Op Recovery Guide

## ACID REFLUX & GERD (CONT'D)

- Leafy greens like spinach, collards, etc.
- Asparagus
- Cucumbers
- Squash
- Salmon & Tuna
- Almonds
- Fairlife Milk (w/ digestive enzyme in it)- can buy where you get regular milk
- Herbal teas- chamomile tea
- Use coconut oil on vegetables and foods
- Eggs
- Oatmeal
- Lean meats like chicken, turkey, fish, seafood

## Food to Avoid (FOODS YOU CAN NOT HAVE):

- Chocolate
- Sugar substitutes
- Coffee
- Peppermint
- Greasy/fried or spicy foods, sausages

# Post-Op Recovery Guide

## ACID REFLUX & GERD (CONT'D)

- Tomatoes and tomato products
- Orange Juice, citrus fruit and beverages
- Soda or carbonated beverages
- Corn, potato chips, and many grains like rice
- Alcoholic drinks

# Post-Op Recovery Guide

## WOUND CARE

### For Fastest Healing:

1. **KEEP IT CLEAN:** Soap and water only. No peroxide/alcohol/iodine. Chemicals like peroxide kill bacteria, but they also kill healthy cells required for wound healing. This can delay healing and cause unsightly scars.
2. **KEEP IT COVERED:** loose gauze and tape, you may stop covering them when they are closed (scabbed over) and there is no drainage.
3. **KEEP IT DRY:** no ointments, no waterproof bandages, no bathing (quick shower is fine), no swimming, keep area free of sweat.

### Signs of Infection:

- Pain
- Fever
- Brown foul smelling pus
- Inflammation of the infected area
- Increased temperature at the incision site
- Redness beyond the borders of incision

# Post-Op Recovery Guide

## WOUND CARE (CONT'D)

### Things that may delay Healing:

1. Antibiotic ointment (keeps the incision wet, no Neosporin® or equivalent)
2. Waterproof bandages (keep the incision wet (moisture from sweat and fluids can't escape)
3. Removing Fibrin (yellow substance produced by the body that is imperative in wound closure; often confused by patients as "pus")
4. Baths (not quick showers)
5. Swimming
6. Pulling/cutting sutures that are "poking out" (once the internal portion dissolves the external portion will fall off)

# Post-Op Recovery Guide

## WOUND CARE (CONT'D)

### MOST COMMON POST-OP CONCERNS THAT ARE MOST OFTEN HARMLESS:

- **"Pain under left rib"**- In most cases this is a healing pain that resolves by 2 weeks, for some it can last up to 6-8 weeks. Usually, medication for pain will be sufficient for this pain. If it is not reduced by medication or is accompanied by fever, follow up with a local provider as soon as possible to identify the source of pain.
- **Drainage**- Drainage is common and most often healthy. Red, pink and clear drainage is common. Brown foul-smelling drainage (not common) is a sign of infection and should be looked at and treated by a local provider.
- **Excessive nausea**- The new healing pouch can be sensitive to any pressure or pressure built up from things coming down the esophagus. This symptom can most often be eliminated by taking 1 ounce of fluid or less (or solid food when you get

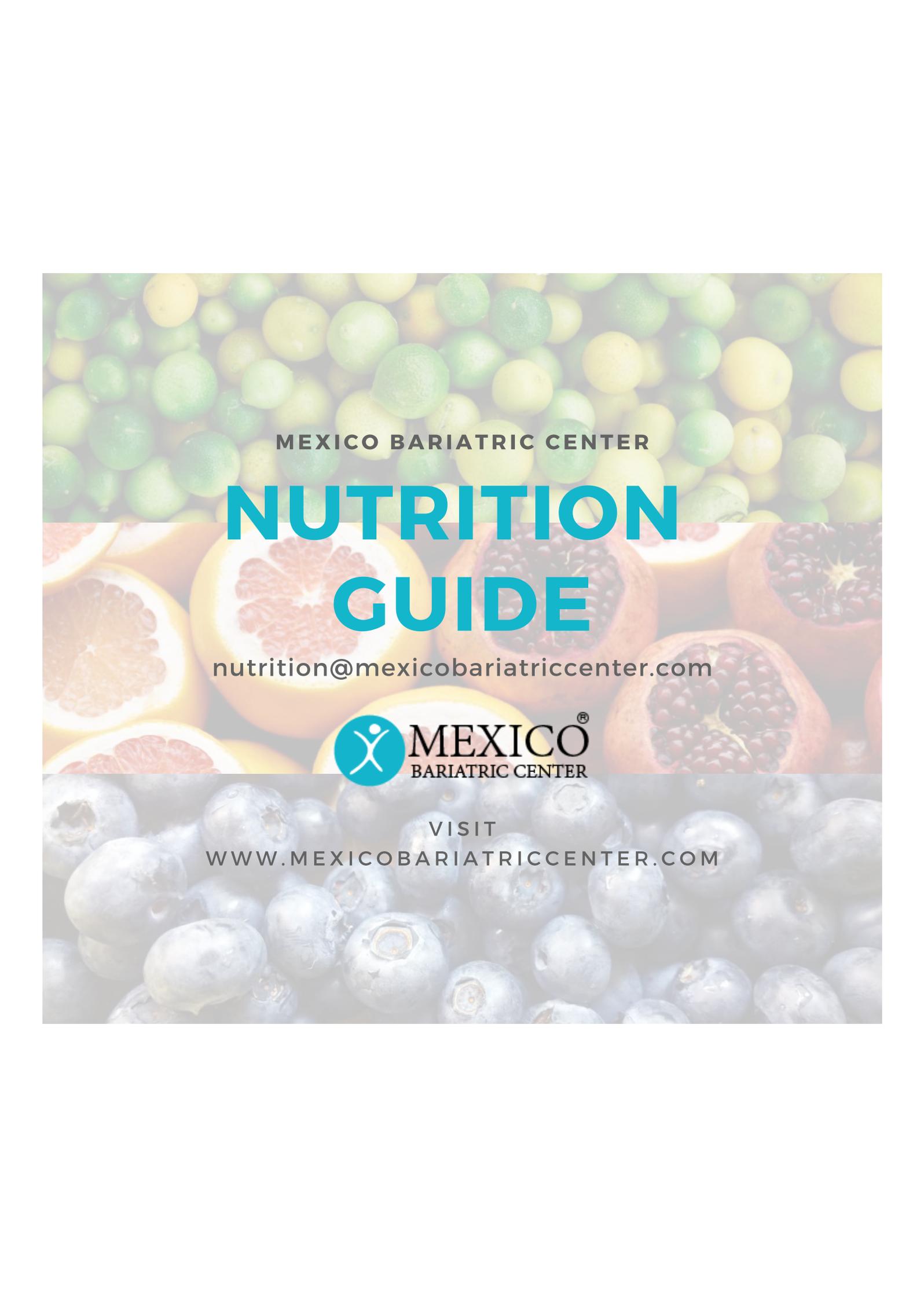
# Post-Op Recovery Guide

## WOUND CARE (CONT'D)

to that stage) at a time. Wait 60 seconds before the next ounce of fluid (or solid). Using this trick, often a patient can get in 15 ounces of fluid in 15 mins. Do that 5 times a day or more and you will meet your liquid goal. Liquids do not sit in the stomach like solids do, it is NOT recommended to drink (30 mins before or after) with solids as liquids can push foods into the intestine faster and then you may feel hungrier faster.

If you still experience excessive nausea even after trying the "60 second trick", follow up with a local provider to ensure you do not become dehydrated. IV rehydration may be necessary.

If you have any concerns about your incision, please email our Surgeon Liaison at [jen@sourcis.com](mailto:jen@sourcis.com) and include a photo.



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# NUTRITION GUIDE

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