

Nutrition Information after Sclerotherapy

Patient Education

Diet Advancement

Days 1-3 Liquids Only

Days 4-7 Pureed/Smooth Texture
Days 8+ Regular food as tolerated

Goal 1: Hydration Fluids

- Throughout your diet advancement, hydration fluids are your top priority.
- 64 ounces or more per day
- Hydration fluids include water and anything that is diet, decaf, and non-carbonated, such as Crystal Light, PowerAde Zero, Vitamin Water Zero, decaf coffee, decaf tea, and grocery store bouillon or broth.

Goal 2: Protein

• 60-80 grams or more per day as able

Days 1-3: Liquids Only Protein Ideas

For 1-3 days, you are on a liquid only diet. You may use protein powders, drinks, milk, GHP bouillon, GHP broth, and GHP cream soups. Specific ideas are listed below.

Protein Powders: Whey Protein Isolate, Soy, Egg, Rice, and Pea Protein Powders Look for **Whey Protein Isolate**. "Isolate" is the key word. If the ingredient list says "Whey Protein Concentrate" or "Whey Protein Blend," you are not absorbing all of the protein.

Milk (1 cup)	CALORIES	PROTEIN
Fairlife, Fat Free / 2%	80 / 120	13
Silk Protein Nut Milk	130	10
Skim / 2%	90 / 130	8
Soy Milk, Original / Light	110 / 60	8 / 6

PROTEIN DRINKS

Core Power, Regular or Elite	Isopure
Vega**	OWYN **
Muscle Milk, Genuine Protein Shake or Pro Series	Orgain **
Protein2O	Gatorade Zero with Protein
Premier Protein/Premier Clear	Quest

BROTH/SOUP: GHP Bouillon, GHP Soup (cream only), or bone Broth (from the grocery store)

<u>Days 4-7: Pureed/Smooth Texture Protein Ideas</u> In addition to liquids, you may now have pureed/smooth texture foods. Specific ideas are listed

below.

High Protein Foods

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Greek Yogurt	Plain or Blended varieties, 15 g sugar or less
Cottage Cheese	Does not need to be blended, "Chew 22"
Ricotta Cheese	Whole milk, part-skim, light
Sugar-Free Instant Pudding	Make with milk, add dry milk powder or protein powder to increase protein
Hot Cereals	Smooth texture such as cream of wheat or grits Make with milk to increase protein Make thinner than normal, run off the spoon
Cream Soups	From grocery store, Cream of Mushroom, Cream of Broccoli, Cream of Chicken, etc. Add canned chicken for more protein and BLEND until smooth
Baby Food Dinners	Stage 2, meats only
Hummus	Smooth only May put on a cracker – GHP or Saltine or Soda Crackers
Bone Broth	Contains collagen protein, use as supplemental protein source
Refried Beans	Mix with beef/chicken or salsa and BLEND until smooth May use Campbell's Cheese Soup May put on a cracker – GHP or Saltine or Soda Crackers
Pureed Meats	Canned chicken, tuna, seafood, hardboiled egg salad, tofu Add broth, gravy, mayo, Greek yogurt (plain), hummus, or avocado/guacamole and BLEND until smooth

Vegetables

Mashed Potatoes or Sweet Potatoes	Make with milk, add dry milk powder or unflavored protein powder to increase protein
Non-starchy Vegetables	Very well cooked and BLENDED until smooth Broccoli, cauliflower, green beans, zucchini, carrots
Legumes – Beans/Peas/Lentils	Beans, chili, split pea soup, or lentil soup BLENDED until smooth

Fruit

Applesauce	Unsweetened
	Any fruit can be used if BLENDED into a protein smoothie Use milk, Greek yogurt, protein powder, etc. to increase protein in smoothie

Days 8+: Regular food as tolerated.

10 Goals to Maximize Weight Loss and Stay Healthy

1. MEET PROTEIN GOAL

- 80 grams or more per day
- Protein at every meal and snack

2. STAY HYDRATED

- 80 ounces or more per day
- Hydration fluids include water and anything that is diet, decaf, & non-carbonated
- Roux-en-Y Do not drink 15 minutes prior to, during, and 45 minutes after meals

3. BE AWARE OF CALORIES

- 1,100 1,200 calories
- Individualized based on activity level and caloric needs

4. KEEP A FOOD LOG

Keeping a food log is highly recommended

5. INCLUDE FIBER (COMPLEX CARBOHYDRATES) IN YOUR DIET

- These include vegetables, fruit, beans/legumes and whole grains
- Fiber helps keep you full and regulates digestion

6. INCLUDE HEALTHY FAT IN YOUR DIET

- This includes nuts, seeds, hummus, avocado, and olive oil
- Helps to make you satisfied and keep you full

7. EAT MINDFULLY

- Make sure to eat slowly and chew well
- Choose protein, then vegetables, then fruit, then whole grains and starches

8. CONTINUE VITAMIN PROTOCOL

- Multivitamin and Calcium (Plus Iron with Vitamin C for Roux-en-Y)
- Have labs drawn as ordered by GHP to prevent deficiencies

9. EXERCISE

• This is more important than just one bullet point! Physical activity is important for weight loss and overall health.

10. KEEP APPOINTMENTS FOR FOLLOW-UP CARE AND REMEMBER ALL AVAILABLE RESOURCES AT GHP

Vitamins

A multivitamin and Iron (45-60mg) with Vitamin C are required. Choose one of the following:

- 1. 2 Bariatric Advantage Multivitamins (Chewy Bites) and 2 Bariatric Advantage (chewable) Iron with Vitamin C
- 2. 1 Over-the-counter adult multivitamin with minerals, 1 Vitamin B12 500 mcg, and over-the-counter Iron 45 mg

Calcium

You need 1,200 mg of calcium daily from your diet and calcium supplements. Foods that contain calcium include dairy foods such as milk, yogurt, and cheese, and foods fortified with calcium.

Calcium Supplements

- Recommend Calcium Citrate
- 500 600 mg absorbed at a time, must be 2 hours apart
- Do not take calcium and iron together, must be 2 hours apart
- Calcium Supplement Options:
 - Bariatric Advantage Calcium Chews (500 mg)
 - Over-the-counter Calcium Citrate with Vitamin D
 - Over-the-counter Calcium Citrate Petites with Vitamin D

Baritastic App Instructions

Customize your Goals:

- Go to "≡" at the top of the screen
- Click "Set Your Goals"
- Enter the calories, protein, carbohydrates, and fats recommended by your provider.
- Click "Save"

Foods High in Protein

These are approximate caloric and protein values for the foods listed. Calorie and protein amounts could be different for different products, so it is always important to look at the nutrition label for specific nutrition information.

DAIRY

Milk (1 cup)	CALORIES	PROTEIN
Fairlife, Fat Free	80	13
Fairlife, 2%	120	13
Silk Protein Nut Milk	130	10
Skim	90	8
2%	130	8
Soy Milk, Original	110	8
Soy Milk, Light	60	6

Greek Yogurt (5.3 oz)	CALORIES	PROTEIN
Any brand, 15 g of carbs or less	150	15

Cheese (1 oz)	CALORIES	PROTEIN
Cottage Cheese (1/2 cup)	90	13
Parmesan	120	11
Swiss	105	8
String Cheese	80	8
Mozzarella	80	8
Cheddar	115	7
American	105	5
Ricotta, Part-Skim, ¼ cup	80	5

POULTRY

Chicken/Turkey (cooked, 1 oz)	CALORIES	PROTEIN
Chicken, white meat	50	9
Turkey, white meat	40	9
Turkey, dark meat	50	8
Chicken, dark meat	60	8

Eggs/Egg Substitutes	CALORIES	PROTEIN
1 Large Whole Egg	75	6
Egg Whites—2 whites	32	6
Egg substitutes – ¼ cup	32	6

FISH/SEAFOOD

Fish (cooked, 1 oz)	CALORIES	PROTEIN
Anchovies	50	9
Tuna	38	8
Cod	30	7
Halibut/Catfish	40	7
Perch/Flounder/Sole/Pollock	30	7
Swordfish	35	7
Tilapia	30	7
Whitefish/Trout	50	7
Sardines	60	7
Lobster	30	7
Salmon	50	6
Crabmeat	30	6
Shrimp	30	6
Clams	40	4

RED MEAT

Lean Cuts (cooked, 1 oz)	CALORIES	PROTEIN
Venison	45	9
Steak, loin or round cuts	55	8
Roast Beef	50	8
Liver	50	8
Veal	60	8
Pork, tenderloin	50	8
Ground Beef, 90% lean	60	7
Ground Beef, 95% lean	50	7
Lamb	50	7
Ham, extra lean	40	6
Jerky	80	10

PLANT-BASED PROTEIN

Legumes – Beans/Peas/Lentils (cooked, ½ cup)	CALORIES	CARBS (Fiber)	PROTEIN
Soybeans	155	9	15
Lentils	110	19	9
Garbanzo Beans (chickpeas)	150	25	8
Tofu, extra firm	80	2	8
Edamame	95	8	8
Navy Beans	130	24	7
Kidney Beans	110	20	7
Refried Beans	120	18	7
Pinto Beans	100	18	6

Black Beans	100	18	6
Baked Beans, Zero Sugar Added	110	26	7
Black Bean or Bean soup	120	13	6
Green Peas	70	12	4
Black Eyed Peas	80	17	3

Nuts (1/4 cup), Seeds & Peanut Butter (2 Tbsp)	CALORIES	FAT (Healthy fat)	PROTEIN
Pumpkin Seeds	180	15	10
Hemp Hearts/Seeds (3 Tbsp)	180	15	10
Peanut Butter (2 Tbsp)	188	16	8
Almonds	205	18	8
Peanuts, dry roasted	165	14	7
Sunflower Seeds	200	16	6
Brazil Nuts/Macadamias	230	24	5
Cashews	195	16	5
Walnuts	150	19	5
PB2	60	1.5	6
Pecans	170	17	3

NUTRITION SUPPLEMENTS

Protein bars/drinks can be used to supplement protein you are unable to get from other high protein foods. Protein bars/drinks can be helpful during busy times or used as a backup plan.

Protein Bars	CALORIES	PROTEIN
Look for high protein, low sugar bars, 15 g or less	150	15

Protein Powders & Drinks	CALORIES	PROTEIN
Look for high protein, low sugar drinks, 15 g or less	150	15

PROTEIN POWDERS

Look for **Whey Protein Isolate**. "Isolate" is the key word. If the ingredient list says "Whey Protein Concentrate" or "Whey Protein Blend," you may not absorbing all of the protein.

Recommended protein supplements include Whey Protein Isolate, Milk Protein Concentrate, Egg Protein, or other plant-based protein powders including Soy, Rice, and Pea protein.

Protein powders that are NOT recommended include Whey Protein Concentrate, Whey Protein Blend, or Collagen.

Fiber - Complex Carbohydrates

Fiber, also known as complex carbohydrates, work to keep you full and aids in digestion. There are two types of fiber, soluble and insoluble. **Soluble** fiber absorbs water, which slows digestion and makes you feel fuller longer. **Insoluble** fiber does not absorb water. It adds bulk and helps

keep digestion regular. A diet rich in fiber has been shown to protect against heart disease, reduce the risk of colon cancer, control blood sugar, and reduce cholesterol. Fiber is also fermented by gut bacteria, which improves immune, digestive, and overall health. The recommended daily intake of fiber is 25 to 35 grams.

Non-Starchy Vegetables (1-4g of dietary fiber/serving)

Alfalfa sprouts Beet greens Radishes
Artichoke Collard greens Rutabaga
Asparagus Dandelion greens Sauerkraut

Bamboo shoots Kale Snow peas or pea pods

Beans: Italian/green/yellow Mustard greens Spaghetti squash

Bean sprouts Turnip greens Spinach

Broccoli Jicama Summer squash
Brussels sprouts Kohlrabi Spaghetti squash
Cabbage Leeks Swiss chard
Carrots Leaf lettuce Tomato
Cauliflower Romaine lettuce Turnips

CeleryMushroomsWater chestnutsChinese cabbageOkraWatercressCucumberOnionsZucchini

Eggplant Parsley

Green onions or scallions Peppers, all varieties

Starchy Vegetables (1-3g of dietary fiber/serving)

Potato/Sweet potato Corn Parsnips
Plantains Peas Winter squash

Legumes (4-10g of dietary fiber/serving)

Navy beans Kidney beans Black eyed peas

Pinto beans Baked beans Lentils

Black beans Green peas Garbanzo beans

Fruit (1-5g of dietary fiber/serving)

Apple Honeydew melon Plums
Orange Watermelon Pineapple
Banana Peach Mango
Blueberries Grapefruit Papaya
Strawberries Kiwi Pear

Raspberries Grapes
Cantaloupe Cherries

Whole Grains (4-12g of dietary fiber/serving, varies widely)

Oats – oatmeal, oat bran, steel cut oats Whole grain breads, pastas, and rice

Read ingredients! Make sure "whole wheat" or "whole grain" is the first ingredient listed

Healthy Fat

Our bodies need fat. Body fat protects organs from injury, provides insulation, helps the body to regulate temperature, and regulates hormones. Dietary fat aids in the absorption of vitamins, increases satiety, and provides energy. There are different types of fat. **Monounsaturated** and

polyunsaturated are considered the "good fats" because they are good for your heart, cholesterol, and overall health. **Saturated** fat should be limited.

Monounsaturated Fat - Good

Avocado
Olives
Almonds
Cashews
Peanuts
Olive oil
Canola oil
Peanut oil
Sesame oil
Sunflower oil

Saturated Fat - Limit

High-fat cuts of meat Butter Cheese Whole-fat dairy products Ice cream Coconut oil Lard

Polyunsaturated Fat - Good

Fatty fish (salmon, tuna, herring, sardines)

Walnuts Flaxseed Chia seeds

Tahini/sesame seeds

Soybean oil Corn oil Safflower oil Sunflower seeds Pumpkin seeds

Omega-3 and Omega-6 Fatty Acids

Omega-3 and Omega-6 are the two polyunsaturated fatty acids that are essential, which means our body cannot make them and they must be obtained through diet. The typical American diet has enough Omega-6, but not enough Omega-3 because there are limited sources. Omega-3 fatty acids have anti-inflammatory properties and have been shown to lower blood lipids, promote heart health, and reduce risk of cognitive decline as we age.

Omega-3 Fatty Acids in Food

- ALA (from plants) Flaxseeds, walnuts, canola oil
- EPA (from animals) Fatty fish such as salmon, anchovies, sardines, herring
- DHA (from animals) Fatty fish such as salmon, anchovies, sardines, herring

Grocery Store Foods

This is a list of high protein, easy to prepare products at the grocery store.

CHICKEN

Meijer Chicken Sausage

130 calories 15 g protein

 Tyson Grilled & Ready Chicken Strips Caulipower Chicken Tenders Al Fresco Chicken Sausage Oscar Mayer Deli Fresh Chicken Breast Starkist Chicken Creations Shredded Rotisserie Chicken 	110 calories 110 calories 80 calories 50 calories 80 calories 140 calories	19 g protein 14 g protein 10 g protein 8 g protein 11 g protein 21 g protein
 Jennie-O Ground Turkey 93/7 (4oz) Jennie-O 90% Lean Turkey Burger Jennie-O Oven-Ready Homestyle Turkey Meijer Lean Turkey Burgers Cooked Perfect Turkey Meatballs Oscar Mayer Deli Fresh Turkey Breast Ball Park Smoked White Turkey Franks Hormel Turkey Pepperoni Hormel Turkey Chili w/ Beans Hormel Square Table Turkey Breast & Gravy 	170 calories 230 calories 110 calories 170 calories 140 calories 50 calories 45 calories 70 calories 220 calories 110 calories	21 g protein 25 g protein 20 g protein 21 g protein 14 g protein 9 g protein 6 g protein 9 g protein 18 g protein 21 g protein
 Star-Kist Tuna Creations Star-Kist Tuna Salad Single Serving Chicken of the Sea To-Go Cups Chicken of the Sea Salmon Pouches Cedar Bay Atlantic Salmon Burgers Trident Alaska Salmon Burgers Bumble Bee White Crabmeat 	80 calories 80 calories 70 calories 70 calories 160 calories 130 calories 80 calories	17 g protein 13 g protein 15 g protein 15 g protein 16 g protein 14 g protein 16 g protein
 RED MEAT Hormel Square Table Beef Roast & Savory Sauce Hormel Square Beef Tips & Gravy Frozen Beef Patty (90% lean) Aidell's Smoked Andouille Sausage Applegate Naturals Hot Dogs 	210 calories 170 calories 175 calories 160 calories 100 calories	27 g protein 17 g protein 21 g protein 15 g protein 7 g protein
PLANT-BASED	150 calories 60 calories 150 calories 180 calories 190 calories 190 calories 80 calories 60 calories 110 calories	16 g protein 11 g protein 14g protein 21 g protein 19 g protein 15 g protein 12 g protein 6 g protein 7 g protein
 BREAKFAST Red's Egg'Wich Turkey Sausage Sandwich Johnsonville Turkey Sausage Applegate Turkey Bacon Jimmy Dean Simple Scrambles - Turkey Sausage Jimmy Dean Delights - Turkey Sausage Bowl Life Cuisine Tomato & Spinach Egg White Bites 	190 calories 70 calories 30 calories 150 calories 240 calories 190 calories	17 g protein 8 g protein 5 g protein 18 g protein 22 g protein 15 g protein

Veggies Made Great Spinach Egg White FrittataJust Crack An Egg Protein Packed	70 calories 320 calories	5 g protein 20 g protein
 MILK, CHEESE, AND MILK ALTERNATIVES Light Mozzarella String Cheese Fairlife Milk (2% or less) Cottage Cheese (2% or less) Silk Unsweetened Soy Milk Ripple Original, Unsweetened Silk Protein Nut Milk 	50 calories ~100 calories 90 calories 80 calories 80 calories 130 calories	13 g protein 13 g protein 7 g protein
 GREEK YOGURT Dannon Light & Fit Oikos Triple Zero Oikos Pro Chobani Zero Sugar Chobani Complete 2 Good Ratio Protein 	80 calories 100 calories 140 calories 60 calories 130 calories 80 calories 170 calories	12 g protein 15 g protein 20 g protein 11 g protein 17 g protein 12 g protein 25 g protein
 SNACKS Oscar Meyer P3 (<i>Turkey, Ham & Cheddar or Turkey, Bacon & Colby Jack</i>) Lorissa's Kitchen Chicken Jerky Jennie-O Turkey Sticks Jack Link's Jerky Emerald 100 Calorie Pack Almonds Bada Bean Bada Boom Snacks 	120 calories 80 calories 25 calories 80 calories 100 calories 100 calories	11 g protein 10 g protein 5 g protein 12 g protein 4 g protein 7 g protein
CONVENIENCE MEALS ■ Real Good Foods o (Chicken Enchiladas, Pizza Bites, Lasage		23 g protein
 Orange Chicken, General Tso's Chicken) Park Street Deli (found at ALDI) (Artichoke Stuffed Chicken, Thai Coconu John Soules Foods – Chicken Fajitas Kevin's Natural Foods Chicken 	~200 calories t Chicken) 110 calories 150 calories	19 g protein
 o (Korean BBQ, Roasted Garlic, Chicken M • John Soules Foods – Beef Fajitas • Trader Joe's Balsamic Rosemary Beef Steak • Curly's Sauceless Pulled Pork • Big Shoulder's Pork Carnitas CONVENIENCE MEALS CONTINUED* *Follow the 10% rule when checking labels. 	120 calories 220 calories 100 calories 110 calories	21 g protein
 Lean Cuisine Protein Kick (Steak Portabella, Meatloaf with Mashed Potatoe Buffalo Style Chicken, Herb Roasted Chicken) Smart Ones 	9S,	~20 g protein ~18 g protein
 (Slow Roasted Turkey Breast, Roasted Chicken with Herb Gravy, Ham and Cheese Scramble, Homestyle Beef Pot Roast, Crustless Chicken Pot Healthy Choice 	,	+20 g protein

(Grilled Chicken Pesto and Vegetables, Verde Chicken, Simply Grilled Chicken Marsala, Chicken and Vegetable Stir Fry, Spicy Beef Teriyaki Power Bowl, Chicken Marinara Power Bowl, Basil Pesto Chicken Power Bowl, Greek-Style Chicken Power Bowl, Spicy Black Bean and Chicken Power Bowl, Cajun-style Chicken and Sausage Power Bowl, Sesame Chicken with Zoodles)

PROTEIN DRINKS/POWDERS

Core Power, Regular or Elite Vega**

Fairlife Nutrition Plan OWYN, Regular or Elite**

Muscle Milk, Genuine or Pro Series Orgain**

Quest Evolve Protein Shake**

Premier Protein/Premier Clear Isopure

Meijer High Performance Shake Gatorade Zero with Protein

Equate High Performance Shake Protein2O

Pure Protein Complete Shake

PROTEIN BARS

Quest Protein Bars GHP Protein Bars

Protein One Bars (by FiberOne)

Built Bars Pure Protein NoCow Bars** Nugo Slim** Misfits**

PROTEIN CHIPS/CRACKERS

Quest Chips and Cheddar Crackers

GHP Chips Flex Chips** Pure Protein Puffs Atkins Chips

Pure Protein Cheezy Crackers

SAUCES/CONDIMENTS/DRESSINGS/EXTRAS

Walden Farms Sauces and Dressing G Hughes Sugar-Free Sauces

Skinny Girl Salad Dressing

Bolthouse Farms Yogurt-Based Salad

Dressing

Marzetti Simply Salad Dressing Mustard, Hot Sauce, Taco Sauce

Spices, Herbs, Extracts

Taco seasoning, pepper, Mrs.

Dash, garlic, etc.

Sugar-Free Coffee Syrups

Torani, Jordan's Skinny Mix Hidden Valley Ranch Seasoning Mix

Jello, Sugar-Free Popsicles, Sugar-Free Sugar-Free Pancake Syrup

Sugar Substitutes

Splenda, Stevia, Equal, Sweet 'n

Low, Monk Fruit, Swerve,

Allulose

Whole Grains & Starches Ideas and Alternatives

These products are better options, but are not to be used as a primary source of protein.

HOT CEREALS (make with milk or protein drink for added protein)

• GHP Oatmeal 100 calories 14 g protein

• Oats Overnight (Amazon) 260 calories 20 g protein

Kodiak Cakes Carb Conscious Oatmeal Packs 170 calories 12 g protein

COLD CEREALS (consume with milk or protein drink for added protein)

GHP Cereal
 Catalina Crunch Cereal
 120 calories
 15 g protein
 110 calories
 11 g protein

• Special K Protein Cereal 210 calories 15 g protein

^{**} Plant-based protein products

Premier Protein CerealKashi Go Keto CerealMagic Spoon Cereal	180 calories 150 calories 140 calories	20 g protein 12 g protein 13 g protein
 PANCAKES GHP Pancake Mix Birch Benders Protein Pancake and Waffle Mix Trader Joe's Protein Pancake Mix Premier Protein Frozen Pancakes 	90 calories 180 calories 140 calories 210 calories	15 g protein 16 g protein 10 g protein 15 g protein
 Explore Asian Black Bean Spaghetti Red Lentil (Barilla) or Chickpea (Banza) Pasta Carba-Nada Egg Fettuccini Barilla Protein Plus Fiber Gourmet Pasta Immi Ramen Noodles Zucchini Noodles or Spaghetti Squash (1/2 C) Miracle Noodles Hearts of Palm or Shirataki Pasta 	180 calories 180 calories 170 calories 190 calories 110 calories 300 calories <25 calories 0 calories <20 calories	25 g protein 13 g protein 15 g protein 10 g protein 7 g protein 22 g protein <1 g protein <1 g protein <1 g protein
 GRAINS Nature's Earthly Choice Easy Quinoa Cauliflower Rice or Riced Vegetables (1/2 C) Liviva Rice Shaped Shirataki Banza Chickpea Rice Right Rice 	170 calories ~25 calories 15 calories 170 calories 180 calories	7 g protein <1 g protein <1 g protein 11 g protein 10 g protein
 BREADS/TORTILLAS & ALTERNATIVES Aldi's Fit & Active Original Flatbread Foldit 5 Grain Flax Flatbread La Banderita or Misson Low Carb Tortillas Egglife Wraps Outer Aisle Cauliflower Sandwich Thins Aldi Fit & Active Whole Wheat Bread Lewis Bake Shop Keto Bread Aunt Millie's Live Carb Smart 45 control of the Active Carb Smart 5 Seed Bread, Hamburger or Hot Dog Active Carb Smart 		9 g protein 7 g protein 5 g protein 5 g protein 4 g protein 3 g protein 5 g protein orotein