

PROTEIN SPARING MODIFIED FAST MASTERCLASS – PART 2

What are PSMF and why are they so powerful for fat loss?







A NEW LIFE

- What if I told you
 - I smoked
 - I drank
 - I despised exercise
 - Tried to break leg
 - I preferred Fruity Pebbles for breakfast and Cocoa Pebbles for dinner
 - I was Fat, Depressed and not who I wanted to be
- You know those people who can eat just 1 cookie?
 - NOT ME! I have an addictive personality
 - I use it for healthy addictions now
 - YOU CAN TOO!!!

A NEW LIFE

- At age 16 I went to the doctor: • Told I had PCOS
 - I was 80 pounds over-weight (even though I was an athlete)
 - Given an anti-depressant
 - Acid Blocker Suffered with IBS

That SAME week, I took my dog to the VetVet asked "What are you Feeding her?"

Cutting Alcohol vs. Cutting Carbs????



CAUSED PCOS

My love for baking started at an early age!It also shows my early age of sugar addiction.

- I grew up loving sugar! I also had a lot of ear infections, which means a lot of antibiotics.
 - Antibiotics = low good gut bacteria
 - SUGAR CRAVINGS!



NEW ADDICTIONS

- SUCCESS = Replace BAD Habits with good ones.
 - Don't focus on what you can't have.
 - Focus on the things you CAN have that you were told were BAD!
- Balls in Motion STAY in Motion!
 - You just need to start rolling it on the right path!







EAT TO LIVE

- I had the great opportunity to be on TV in New Orleans
 They took me to a famous Bourbon Street Restaurant
 "We live to eat, we do not
 - "We live to eat, we do not eat to live"
- I remember being like that!
 Do not let food control you anymore!

CRAIG'S TESTIMONY



I lost over 50 pounds eating Maria's recipes!

Sadly, Lyme disease took over my body.

Eating primarily carnivore has greatly helped with pain.





THE SCIENCE OF WEIGHT LOSS

What are we designed to eat?

eto Adapted



BEST WAY TO REVERSE INSULIN RESISTANCE

Shrink Fat Cells

- Reduce the overstuffed fat cells (lose body fat)
- Maintain or Grow muscle
 - Give glucose more places to go
- Best way to do this is prioritize protein and limit dietary fat
 - Protein Sparing Days





WHAT CAUSES WEIGHT GAIN?



Fat plus carbs = weight gain

HOW TO GAIN WEIGHT

- Fat + Carbs = Weight Gain
 - Foods high in both fat & carbs is RARE IN NATURE
 - They are meant to put weight on for a long winter/hibernation.
 - NUTS





FAT PLUS CARBS = WEIGHT GAIN

- Foods to avoid:
 - Combining fat and carbs
 - Butter on Potatoes
 - Butter on Starchy Bread
 - Donuts
 - Chips
 - Basically, all processed foods
- Avocado
- Nuts and Seeds
 - Almond Flour

AVOID HIGH CARB WITH HIGH FAT

- In either case you need protein to thrive and maintain lean mass.
- If trying to lose weight, you must pick one, Fat or Carbs.
 - BUT adding carbs increase hunger and have little satiety.
 - Some clients go back to sugar addiction with adding carbs.
 - We keep carbs to a minimum (20g or less total carbs).
 - And adjust fat based on goals.



EVOLUTION

They didn't get a butter churner out when they killed a wholly mammoth!

When did we start adding so much fat to protein?

WHAT HAPPENS WHEN WE EAT

- Huge increase in fuel coming into the blood
- Body must shut down endogenous production of fuel (fat from adipose, glucose from liver) so you don't have oversupply and die
- Then it prioritizes fuels to store (oxidative priority) in reverse order of storage capacity
- Once back to tight fuel control (and excess carbs are limited), fat flux can resume



Time (minutes



CARBOHYDRATES

- Sugar and starch (basically all digestible carbs end up as glucose)
- Two Biological pathways:
 - Burned as fuel
 - Stored in liver and muscle glycogen
- But muscle glycogen is locked in muscle and only used for intense exercise
 - Think sprints or long runs. Brisk walk, etc. will not tough muscle glycogen
- Excess beyond storage capacity or fuel needs, turned into fat and stored
 - But most of the fat on your body is from stored dietary fat



DIETARY FAT THROUGH COLON?

- Does it pass through the colon?
- Studies show that only about 3-5% of dietary fat intake (< 10g total per day) ends up in the stool if they ate 62g or 152g fat. <u>Study Link</u>.
- Olestra resulted in "anal leakage" due to an extra 10-20g fat a day. <u>Study Link</u>.
- A large amount of fat in stool is not normal and would be very uncomfortable (think "anal leakage").

"The two diets had total calorie contents of 2463 and 2823, respectively. Annegers et al.,6 studying 40 normal students, used diets with **fat content varying between 93 and 168 g per day and** with total calorie intake remaining constant, but the results showed no significant differences in the total fat excretion. "



DIETARY FAT DIETARY FAT

- Dietary fat has three biological pathways
 - Burned as fuel
 - Stored in fat cells
 - Passed through colon
- In reality, almost all goes to storage
 The apoB lipoprotein particles



Phospholin





PROTEIN

How much, how often, and why it's the most important macro.

Keto Adapted Maria

PROTEIN

- Eating primarily protein is natural for our bodies
- Our early human ancestors grew a big brain but eating mostly carnivore (More on that in our <u>PSMF Class part 1</u> and <u>our carnivore</u> <u>class</u>)
- Animal proteins are some of the most nutrient dense foods you can eat
- Our digestive tracts are made to process primarily animal protein
- PSMF means lots of animal proteins, but that's OK because our bodies are made for that.





DIETARY PROTEIN

Preferentially used to build muscle

- It is estimated that our daily BMR (basil metabolic rate or how many calories we burn each day to live) is up to 20% due to autophagy (breakdown and rebuilding of cells).
- Skin turnover alone requires lots of protein
- Maintaining muscle and lean mass
- Turning it into glucose (Gluconeogenesis) is done only when needed
 - Glucose is needed and not enough glucose is around or in diet



PROTEIN SATIETY

- Calorie for calorie, protein is the most satiating macro nutrient
- "Fat is more filling for me"
 - BUT fat is 9 calories per gram, protein is only 4.
 - 4 tablespoons butter has the same calories as a POUND of tuna
- Protein keeps you full on less calories
 - Imagine eating 10 egg whites for breakfast
 - Yet it's ONLY be 174 calories



Ok well this is my 4th post today. I'm sorry, but I'm so excited I'm crying! I mentioned before that I have been keto/ carnivor for 3 years. I felt amazing but my weightloss was stalled for the last two years and I couldn't reach my goal. That's a long frustrating stall. I thought I was doing everything right and working so hard at it. When I started Maria and Craig's way I broke my stall! Focusing on eating enough protein and lowering my fat has made me more satiated than ever in my life. I can't believe I'm now one of those people that just isn't hungry. I'm so over joyed to not be the hungry girl anymore and I know I will reach my goal now. Thank you so much Maria and Craig!!!

You are both o many lives

I tried a PSMF ("pure protein day") today... I had to force myself to hit that protein goal, I just wasn't hungry. I used the recommendation from Maria's calculator, and am going to try another one tomorrow... It doesn't feel at all like "fasting"!

NUTRIENT DENSE

Per Serving	Apples	Blueberries	Kale	Beef	Beef Liver
Calcium (mg)	9.1	4.5	63.4	9.7	9.7
Magnesium (mg)	7.3	4.5	15.0	16.7	15.8
Phosphorus (mg)	20.0	9.0	24.6	154.0	340.6
Potassium (mg)	163.8	57.8	200.6	325.6	334.4
Iron (mg)	0.2	0.2	0.8	2.9	7.7
Zinc (mg)	0.2	0.2	0.2	4.0	3.5
Selenium (mcg)	0.0	0.1	0.4	12.5	34.9
Vitamin A (IU)	69.2	40.5	13530.9	35.2	46992.0
Vitamin B6 (mg)	0.0	0.1	0.1	0.4	1.0
Vitamin B12 (mcg)	0.0	0.0	0.0	1.8	97.7
Vitamin C (mg)	7.3	7.3	36.1	1.8	23.8
Vitamin D (IU)	0.0	0.0	0.0	6.2	16.7
Vitamin E (mg)	0.2	0.5	0.8	1.5	0.6
Niacin (mg)	0.2	0.3	0.4	4.2	15.0
Folate (mcg)	0.0	4.5	11.4	5.3	127.6

- Across a wide range of micronutrients, steak is more nutrient dense
- Organ meat like Beef Liver is the real SUPERFOOD!



Bullet Proof Coffee Has Almost NO Vitamins or Minerals

(per 400 calories)	Bullet Proof Coffee	Eggs	Beef
Calcium (mg)	6.8	132.0	23.5
Magnesium (mg)	0.6	26.4	40.7
Phosphorus (mg)	6.8	454.0	374.5
Potassium (mg)	6.8	332.0	791.8
Iron (mg)	0	3.1	7.1
Zinc (mg)	0	2.8	9.6
Selenium (mcg)	0.3	81.3	30.4
Vitamin A (IU)	709	1372.8	85.6
Vitamin B6 (mg)	0	0.3	0.9
Vitamin B12 (mcg)	0	2.9	4.3
Vitamin C (mg)	0	0.0	4.3
Vitamin D (IU)	2.9	229.7	15.0
Vitamin E (mg)	0.7	2.7	3.6
Niacin (mg)	0	0.2	10.3
Folate (mcg)	0.9	116.2	12.8
Protein	0.2	33.0	77.0

• EAT REAL FOOD!

- Chew your calories!
 - You get more nutrients!
 - Chewing registers brain hormones to signal satisfaction!





OVEREATING DUE TO LACK OF PROTEIN

- Regardless of age or body mass index, your NEED for protein is so strong that you will keep eating until you get enough protein!
 - If you do not prioritize protein, you will overeat.
 - Protein triggers appetite suppressing peptides
 - GLP-1 helps with appetite and weight maintenance because it has actions on the gastrointestinal tract as well as the direct regulation of appetite
 - GLP-1 in the gut and brain helps with hormones to trigger satiety.
 - Your body and brain continues to look for the nutrients
 - Focus on protein instead of fat and carbs = satiation which
 = weight loss while fueling your body with nutrients.



HOW MUCH PROTEIN?

- Based on your lean mass
 - Generally, 0.8-0.9 times lean mass is a good minimum for most people
 - If over 50-60 years old, 0.9-1.0. (Leucine requirements go up with age, more on next slide)
 - If over 60-70, 1.0 or more.
- On PSMF days, we do 1.0 times lean mass or more
 - To help with satiety.
 - If you hit your normal protein goal and aren't hungry, you don't need to add extra protein.
- Example:
 - 150-pound woman that is 5'4" and has 30% body fat.
 - That is 105 pounds lean mass.
 - 84-95g protein minimum.
 - In general cheat towards higher end for weight loss, 105g or more on PSMF days
- FREE MACRO CALCULATOR HERE!



WHAT IS YOUR LEAN MASS?

This is a good way to estimate weight loss protein goals

- Women: 80-90g protein for 5 foot tall and add 5g per inch above that.
 - 5'4" woman has a 100-110g protein goal.
- Men: 100g protein for 5 foot tall and add 5g per inch above that.
 - 5'6" man has a 130g protein goal.



PROTEIN AS WE AGE

- Protein requirements go up with age!
 - As we age we need more protein (primarily Leucine) to build and maintain muscle
 - Leucine requirement also go up with illnesses (more like 5-7g with meals, instead of 2.5g)
 - UTI infection
 - Covid
 - Lack of absorption



LEUCINE RESISTANCE

- Leucine resistance connected to insulin resistance and low androgens.
 - If you have Type 1, Type 2 diabetes, or PCOS
 - Your need for protein goes up!
 - Also, as we get older
 - Your need for protein goes up too!





HOW MUCH PROTEIN WITH EACH MEAL?

- To optimize muscle protein synthesis (mTOR or muscle building):
 - 30g of high-quality protein minimum per meal (depending on the PDCAA score).
 - Need 2.5 grams leucine = 4.6 ounces eggs, 5 ounces beef, 1 ounce whey protein (be aware of whey)
 - This ensure mTOR starts building muscle.
- Quality of protein matters
 - All animal proteins are High PDCAA score
 - Plant proteins will require more. PDCAA score grades proteins for how complete they are:
 - 30g protein from beef with PCDAA score of 0.92
 - 30g protein from pea protein with PDCAA score of 0.67 (need 50% more pea protein than beef)

 Under 30g in a meal isn't necessarily wasted, if another protein meal comes along soon after.

CAN YOU EAT TOO MUCH PROTEIN AT A MEAL? No!

If you eat over the threshold in a meal, is it wasted?

- The body has processes to ensure the protein gets used
 - Slows digestion (through digestive hormone CCK), when dietary protein is eaten, ensuring all protein is absorbed (<u>source</u>)
 - Slows intestinal contractions (<u>source 1</u>, <u>source 2</u>)
- Small Intestines Store Amino Acids
 - Small intestines absorb and hold onto a large number of amino acids for the body when it needs them (<u>source</u>)
 - Called the free amino acid pool. (<u>source 1</u>, <u>source 2</u>)
- Body increases protein turnover (Autophagy!) (source)
 - Body increases the breakdown and replacement of damaged and oxidized proteins (source)
- Also uses nitrogen from dietary protein to synthesize purines and pyrimidines (building blocks of DNA)





MEASURING SUCCESS

The scale isn't great for measuring body composition changes.



SARCOPENIA OBESITY

 Where the scale stays the same, but we replace muscle with fat.



SARCOPENIA OBESITY

 You can gain muscle while losing fat and the scale won't move!



SARCOPENIA OBESITY

- Everyone should have a goal to maintain or gain muscle!
 - Especially as we age!


SARCOPENIA OBESITY

 Always healthier to have more muscle and less body fat





MARIA MIND BODY HEALTH

182 lbs 180 lbs

130 lbs

130 lbs

HARK S GYMSHARK



PROTEIN SPARING MODIFIED FASTING

Pure Protein Days



Maria Mind Body Health

"Thank you Maria! I lost 10 inches in only 3 1/2 months!" Jill

KetoMaria.com

ONLY 3 1/2 MONTHS OF

PSMF

WHO SHOULD DO PSMF?

- Gastric bypass patients: focusing on real protein rather than whey protein shakes.
- Patients with Insulin Resistance and Type 2 Diabetes:
 - The best way to reverse insulin resistance is to shrink fat cells while maintaining or growing muscle.
 - Protein sparing modified fasting helps shrink fat cells fast and ensure you won't lose muscle like with an extended fast!
- Men and women looking to speed up fat loss and break stalls.
- Bodybuilders and fitness competitors looking to shed body fat or cut before a competition.
- We recommend Protein Sparing Modified Fasts to anyone looking to lose body fat, break a stall or just speed up their fat loss results.



WHO SHOULDN'T DO PSMF

- This is a fat loss tool, so if you are lean and don't want to lose body fat, PSMF is not for you.
 - Lean Athletes (unless you are body builder looking to cut)
 - At are near goal weight
 - Focus more on body composition instead of the scale
 - People treating epilepsy, seizures, Alzheimer's, Bipolar disease
 - Higher fat and blood ketones may be beneficial in some cases
 - Pregnant women
 - Breastfeeding women





HOW TO DO PSMF

- 1-3 days a week
 - normal keto fat loss macros the other days
- Even though you are eating very nutrient dense foods (animal proteins), you aren't eating much (like 600-700 total calories)
- Adding a few regular keto days each week ups the nutrients your body needs
- Tends to be easier to do once already fat adapted
- 1 over feeding day to trick your body and prevent metabolic adaptation



Which is better, water fasting or PSMF?



Per Day	Water Fasting	% of RDA (per day)	Per Day	3 days of PSMF Da
Calcium (mg)	0	0%	Calcium (mg)	192
Magnesium (mg)	0	0%	Magnesium (mg)	453
Phosphorus (mg)	0	0%	Phosphorus (mg)	3348
Potassium (mg)	0	0%	Potassium (mg)	5967
Iron (mg)	0	0%	Iron (mg)	27
Zinc (mg)	0	0%	Zinc (mg)	48
Selenium (mcg)	0	0%	Selenium (mcg)	417
Vitamin A (IU)	D	0%	Vitamin A (IU)	1944
Vitamin B6 (mg)	Ó	0%	Vitamin B6 (mg)	12
Vitamin B12 (mcg)	0	0%	Vitamin B12 (mcg)	18
Vitamin C (mg)	0	0%	Vitamin C (mg)	15
Vitamin D (IU)	0	0%	Vitamin D (IU)	45
Vitamin E (mg)	0	0%	Vitamin E (mg)	9
Niacin (mg)	0	0%	Niacin (mg)	129
Folate (mcg)	0	0%	Folate (mcg)	102
Fat per day	0		Fat per day	25
Protein per day	0		Protein per day	133
Carbs per day	0		Carbs per day	5
Lean Mass	517g Lost (1.14 pounds muscle)		Lean Mass	Og Lost
Food Consumed	Water		Food Consumed	Steak and Eggs Meatball Soup Protein Sparing Bourbon Chicken

KetoMaria.com

Fat mass lost? Likely the same or very similar.

So which protocol is healthier?



% of RDA

(per day) 6%

36%

159%

42%

147% 252%

22%

286% 232% 5%

3%

16%

8%

Day

PROTEIN SPARING MODIFIED FAST

- PSMF is a tool. It is something you can do occasionally for speeding up fat loss or breaking a stall (NOT FOR LEAN ATHLETES)
 - Instead of extended water fasting
- Reduce energy (carbs and fat) while still hitting your protein goal.
- Forces your body use even more stored fat for fuel = fat loss.
- PSMF helps keep you feeling full, added benefit of the high thermic with protein, which means that you effectively lose 30% of the calories you take in AND you get NUTRIENTS!
 - Helps avoid muscle loss and hair loss compared to water fasting.





COMMON QUESTIONS



DO YOU NEED TO INTERMITTENT FAST?

- Quick Answer: NO
- Weight loss is about macros
- Intermittent Fasting is a tool for limiting snacking and getting macros right
 - It is healthy to stop snacking and allow your body to not constantly be digesting food.

ITERMITTENT FASTING KetoMaria.com INCREASES DECREASES Leptin levels to reduce overeating Triglycerides, lowering heart disease risk Insulin and leptin sensitivity, Inflammation and free radical lowering risk of diabetes, damage heart disease and cancer Weight gain and metabolic Ability to become Ketodisease risk Adapted turning your body into a fat burner! Example Schedule Sleep Fast Eating Window Fast (3PM-10PM) at least 8 (7AM - 8AM) (9AM - 3PM) (1 hour) hours If pregnant, nursing or if you have metabolic syndrome, don't fast until you have fixed your insulin issues or are no longer breastfeeding. Maria Mind Body Health LLC

mariamindbodyhealth.com

HOW MANY MEALS A DAY?

OMAD

- Issues with OMAD: hard to hit protein macro
- Most clients do best with 2 meals a day
 - Here is an example from <u>Keto-Adapted.com</u> for platinum members



DO I NEED MORE CALORIES?

- "Maria, my trainer told me I need to eat at least 2,500 calories because I burned 700 calories in my workout!"
 - Luis (ketogains.com) is a very muscular man in maintenance (5'6" and gaining muscle)
 - Eats 1,300 to 1,900 calories a day
 - Adding calories for workouts is a great way to stay at your current weight!



DO KETONE LEVELS MATTER?

- Blood Ketones are just the difference of energy produced and energy used
- If active and in strong state of ketosis, ketone will be low
 - You are using them all. Example, Luis, bodybuilder who has eaten keto for 15 years and has blood ketones of 0.3 or 0.4. He works out a lot so uses all the fuel generated
- In fact, High ketones (3.0 or more) when not fasting can be a sign of metabolic issues
 - Body isn't using the fuel or experiencing insulin resistance



KETONES ARE NOT THE GOAL

Higher is not better

esis and Ablese

- No study has ever shown that higher blood ketones means better results
- You can gain weight with high blood ketones
- The longer you are keto the lower blood ketones will be
 - Your body gets more efficient at using them
- Chasing high ketone levels makes about as much sense as chasing high blood glucose
 - High levels of fuel in the blood is not desired
- URINE STRIPS only tell you if you are hydrated





MISTAKES ON PSMF



Maria Mind Body Health

- Doing PSMF every day
 - Metabolic adaptation can lower BMR and slow results
 - Many people say they feel so GREAT doing PSMF that they want to do it all the time.
- Just like you wouldn't water Fast every day, don't do PSMF every day



- On non-protein sparing days (OR ANY DAY!)
 - Keto Breads
 - Keto Tortillas
 - Keto Brownies
 - Keto Crackers
 - Learn more <u>HERE</u>!



DON'T BE FOOLED

- Read ingredients! "ZERO NET CARBS"
 - Brown rice flour
 - Sorghum flour
 - Millet flour
 - Long Grain Rice Flour
 - Potato Starch
 - Tapioca Starch



Nutrition Facts Serving Size 1 wrap (5.33 g)

12 servings per container

Amount Per Serving Calories	8
	% DV*
Total Fat Og	0%
Saturated Fat Og	0%
Trans Fat Og	
Cholesterol 10mg	4%
Sodium 25mg	1%
Total Carbs. Og	0%
Dietary Fiber Og	0%
Total Sugars Og	
Includes Og Added Sugars	0%
Protein 1g	
5	
Vitamin D 0.1mcg 0% • Iron 0.1m	ng 0%
Calcium Omg 0% • Potassium 10n	ng 0%
Vitamin C Omg 6% • Vitamin A Om	cg 0%
*The % Daily Value (DV) tells you how much a nu a serving of food contributes to a daily diet. 2,000 a day is used for general nutrition advice.	utrient in calories
NGREDIENTS: EGG WHITE, EGG WHOLE,	
REE FLOUR MIX (BROWN RICE FLOUR, W GRAIN SORGHUM FLOUR, MILLET FLOUR,	
RAIN SORGHOM FLOOR, MILLET FLOOR,	
TARCH, XANTHAN GUM), OLIVE OIL, SEA	SALT,
PICES, CITRIC ACID • CONTAINS: EGG	



Kayla 'Crutchfield' Walls https://www.choczero.com...



Sugar Free Syrup choczero.com

6h Like Reply



Craig Emmerich

Kayla 'Crutchfield' Walls we don't recommend them. The soluble corn fiber spikes blood sugar. See the announcements for an example.

6h Like Reply





Brittany Norton

Craig Emmerich yes! We learned that the hard way. My daughter has type 1 diabetes and a continuous glucose monitor. After eating the choczero syrup her blood sugars spiked into the 300s/400s.

8m Like Reply

1 🖸



DO NOT BE FOOLED

- ChocZero
 - Do not use this on my PSMF pancakes or Dutch Baby pancakes!
 - Blood sugar spiked to 300!





I WILL NOT REPOST THESE

I always repost when I get mentioned on Instagram! BUT not these!



DO NOT BE FOOLED





Ingredients: Organic dark chocolate (organic cocoa mass, organic cocoa butter, organic low-fat cocoa powder, organic cane sugar, organic varilia extract), Organic coconut, Organic almonds, Sea sit

> ains: Coconut, Almonds. uced on equipment that also processes Soy, Peanuts and Other tree nuts.

114.8 07 (4200



DO NOT BE FOOLED

- Sugar Free Jell-O
- Sugar Free Pudding







INGREDIENTS TO STAY AWAY FROM

- Vital Wheat Gluten (found in "Keto" Breads)
- Wheat protein isolate
- Tapioca Flour
- Flax
 - Never meant to be a food! Estrogenic
 - Tastes terrible anyway!
- Brown Rice Flour (higher in carbs than white flour)/Rice Starch
- Potato Starch/Potato Fiber ("Keto" Cereals)
- Corn Starch





INGREDIENTS TO STAY AWAY FROM

- Inulin Fiber/Corn Fiber (ChocZero)
- Tapioca Starch/Tapioca Syrup
- Dextrose
- Maltodexerine (GI of 110, sugar is only 52!)
- Malitol



SNACKING ON NUTS
Cashews are very high in carbs

Almond Flour Baked Treats

Carbs + Fat = weight gain



CHEESE and DAIRY

- Even if it on PSMF Crust Pizza
- Low Fat Cottage Cheese
- Low Fat Yogurt
- WHEY PROTEIN
- Causes constipation



Overfeeding with carbs Overfeeding days are higher fat and protein, not carbs.

- Short RibsRibeye
- Baby Back Ribs

Drinking Alcohol

- Fat metabolism is reduced by as much as 73%
- Converted into ACETATE
 - DO not be fooled by breath ketone meters!
- Stimulates appetite
- Decrease testosterone
- Increases estrogen by 300%.
 - The infamous "beer belly" is really just an "estrogen belly."
- Most important: TOXIC LIVER





DIETARY ALCOHOL OR EXOGENOUS KETONES

- Little to no storage (alcohol none, ketones blood)
- When elevated all other fuels are stored (carbs and fat)
- Immediately shuts off lipolysis (burning fat from fat stores)
- Also drives glucose into storage (is storage is full, converts to fat)
- Both will put the brakes on lipolysis (burning fat for fuel)
- In fact, the effect is so strong with alcohol that glucose will drop when drinking and an alcoholic will have very low A1c (4s or lower)





...

I want to thank Maria SO much. I did a personal health assessment about 6 weeks ago and it has changed my life. I was already keto, but struggling. I have implemented the changes she suggested and I have finally given up dairy 😭 and I feel amazing! I have pretty severe RA, along with other medical conditions and used to hate mornings because I was so stiff and it took me hours to get my you know what together. Now I can't wait to get up and start my day. I am loosing weight again, sleeping great, have the energy of a 20 year old and my chronic bloating and diarrhea has disappeared and I am just so grateful for Maria and Craig Emmerich for everything they are doing to try to help us all live our best life. I was getting very depressed for some time, but now I am hopeful and excited to live life again! If you haven't done it yet and are suffering PLEASE reach out to them and at the very least do a health assessment so you can get your life back 💗

MISTAKE #6

- Exogenous Ketones
- Supplements that hold you back:
 - Glucosamine
 - Fish Oil
 - Magnesium Oxide or Citrate
 - Click <u>HERE to do a</u> personalized supplement plan





Seed oils or Sugar?

Seed Oils

- Contribute to weight gain because they block the enzymes used to help break down fat for energy.
- Soybean oil now accounts for 60% of edible fats consumed in the United States.
 - That increase mirrors the rise in obesity rates.



INGREDIENTS: WATER, CORN SYRUP**, VEGETABLE OIL (HIGH OLEIC SOYBEAN AND/OR HIGH OLEIC CANOLA), AND LESS THAN 2% OF MICELLAR CASEIN (A MILK DERIVATIVE)***, MALTODEXTRIN, MONO- AND DIGLYCERIDES, DIPOTASSIUM PHOSPHATE, NATURAL AND ARTIFICIAL FLAVOR, CARRAGEENAN, SUCRALOSE, ACESULFAME POTASSIUM (NON-NUTRITIVE SWEETENER). CONTAINS: A MILK DERIVATIVE.

**Adds a trivial amount of sugar.

***Not a source of lactose.

- Using unhealthy oils
 - Helman's Mayo/Kraft Mayo
 - Ranch Dressings (also has dairy)



HARMFUL OILS ARE HIDDEN

- Sesame Oil
- Natural Peanut Butter
- Protein Bars
- Dairy Free Butter
- Cheez It's
 - Saltine Crackers (and every food marketed to children!)



HARMFUL OILS ARE HIDDEN







SALMON!!!!OmeletsFast Food Burgers




- Adding in FIBER!
 - Using psyllium husks
 - Metamucil
- Fiber will increase blood sugar and cause weight gain!
- CONSTIPATION is not due to lack of fiber!
 - Babies poo all the time and they do not eat any fiber!
 - Cut dairy, nuts and add in SALT!

Example: "Do you know any reason Maria's psyllium bread would spike my blood sugar? I ate a sandwich last night with this bread. Before I ate, I took my blood sugar and it was 140. Then I ate my sandwich and an hour later tested again and my blood sugar was 180. I ate another sandwich today for lunch and just tested (2-1/2 hours later) and it was 203. I'm eating low carb, so not eating anything else that would raise my glucose."

Subtracting Fiber from Carb totals

- Too much fiber will increase blood sugar and stall your weight loss especially those with metabolic syndrome or diabetes (Quest bars, nuts, flax, chia)
- Fiber also elongates intestines causing other issues
 - It is like steel wool on the intestines
 - Diverticulitis, Crohn's, Colitis
- Almond Flour/Psyllium Sub bread (per bun) = 209 calories, 14.2g fat, 8.2g protein, 15g carb, 9.8g fiber



- On non-protein sparing days, eating things like:
 - Quest Chips
 - Photo reminds me: DO NOT PUT HOT FOOD IN PLASTIC!
 - PROTEIN BLEND (MILK PROTEIN ISOLATE, WHEY PROTEIN ISOLATE), HIGH OLEIC SUNFLOWER OIL, CALCIUM CASEINATE, CORN STARCH, NATURAL FLAVORS, PSYLLIUM HUSK, SALT, SOLUBLE CORN FIBER, SOUR CREAM (CREAM, NON-FAT MILK, CULTURES), CHEDDAR CHEESE (CULTURED MILK, SALT, ENZYMES), BUTTERMILK POWDER, ONION POWDER, TOMATO POWDER, GARLIC POWDER, GREEN BELL PEPPER, PAPRIKA, SPICE, CHIA SEED, YEAST, TURMERIC OLEORESIN (COLOR), PAPRIKA EXTRACT (COLOR), ACACIA GUM, SUNFLOWER LECITHIN, CALCIUM CARBONATE, YEAST EXTRACT, STEVIA SWEETENER.



Idapted



- On non-protein sparing days, eating things like:
- Quest bars
 - Ingredients: Protein Blend (Milk Protein Isolate, Whey Protein Isolate), Soluble Corn Fiber, Almonds, Water, Unsweetened Chocolate, Erythritol, Natural Flavors, Cocoa Butter, Sea Salt, Sunflower Lecithin, Stevia Sweetener, Sucralose.

MISTAKE #8: SUBTRACTING FIBER

Make sure TOTAL carbs are 20g or less

Type 2 Diabetic Response to Quest Bar

	D	E		G	п
	Blood Sugars 8 AM	Blood Sugars 10:30 AM (Just before Eating Quest Bar)	Blood Sugars 11:30 AM	Blood Sugars 12:30 PM	1-HOUR CHANGE
	111	124	176	107	52
	91	108	150	112	42
1	-	98	148	108	50
Î		190	203	186	13
	84	73	107	98	34
i	103	151	128	120	-23
	80	111	124	90	13



Nutrition	Amount/serving	%DV*	Amount/serving	%DV*
Facts	Total Fat 11 g	17%	Total Carb. 27g	9%
Serving Size 1 package	Sat. Fat 7 g	35	Dietary Fiber<1g	3%
Calories 210	Trans Fat 0 g		Sugars 21 g	
Fat Cal. 90	Cholest. < 5 mg	2%	Provein 0 g	
*Percent Daily Values (DV) are based on a 2,000 calorie die	Sodium 30 mg	1%		
Dasca vii a 2,000 calene dien	Vitamin A 0% • Vit	amin C	0% • Calcium 6% • 1	Iron 2%

A DELICIOUS BLEND OF APPLE

Protein Blend (Whey Protein Isolate, Milk Protein Isolate), Isomalto-Oligosaccharides* (Preboitic Fiber), Almonds, Water, Apples. Contains less than 2% of the following: Cinnamon, Sea Salt, Lo Han Guo, Sucralose, Natural Flavors.

Nutrition	Amount/Serving	%Daily Value*	Amount/Serving	%Dally Value*
Facts	Total Fat 5g	8%	Par contraction of	3%
Serving Size 1 (60g)	Saturated Fat 0g	Pa	Total Carbohydrate 25g	g 8%
Calories 180	Trans Fat 0g		Dietary Fiber 18g	72%
Calories from Fat 50	Cholesterol 5mg	. %	Sugars 4g	
"Percent Daily Values are based on a 2,000 calorie diet	Sodium 320mg	13%	n. tein 20g	
	Vitamin A 0% ·	Vitamin C 0%	Calcium 10% ·	Iron 4%
	Magnesium 8% · Ph	osphorus 10%		

MISTAKE #9: LACK OF SLEEP

- Average woman sleeps 2 hours less per night than in 1960
 - Lowers serotonin and increases appetite for sweets
 - Increases blood sugar = increased hunger and cravings
- Human Growth Hormone: fat-burning hormone!
 - Don't eat 3 hours before bed
- Hormone Ghrelin (hunger)
 - Controls Appetite
- Thyroid and Cortisol hormones
- Lose 4 lbs. just by getting 8 hours of sleep!
 - Who GAINS weight in the SUMMER???





KEEP A SLEEP SCHEDULE

- Fat cells act like those with diabetes with chronic sleep loss (6 or less hours a night).
- Reward system in brain is triggered.
 - You look at carbs different: more enticing!

Effects of Sleep Deprivation Grehlin Increased Hunger Increased Leptin Caloric Intake Increased **Opportunity to Eat** Obesity Altered Sleep Thermoregulation Deprivation **Reduced Energy** Expenditure Increased Fatigue Catecholamines **Increased Stress** Reduction in State of Cortisol Alertness/Concentration Hormone MariaMindBodyHealth.com

- Not Counting Liquid Calories
 - Bulletproof coffee = 500 calories
 - BUTTER = Dairy
 - NO NUTRIENTS!
 - Chew calories: registers leptin better

Bullet Proof Coffee Has Almost NO Vitamins or Minerals

(per 400 calories)	Bullet Proof Coffee	Eggs	Beef
Calcium (mg)	6.8	132.0	23.5
Magnesium (mg)	0.6	26.4	40.7
Phosphorus (mg)	6.8	454.0	374.5
Potassium (mg)	6.8	332.0	791.8
Iron (mg)	0	3.1	7.1
Zinc (mg)	0	2.8	9.6
Selenium (mcg)	0.3	81.3	30.4
Vitamin A (IU)	709	1372.8	85.6
Vitamin B6 (mg)	0	0.3	0.9
Vitamin B12 (mcg)	0	2.9	4.3
Vitamin C (mg)	0	0.0	4.3
Vitamin D (IU)	2.9	229.7	15.0
Vitamin E (mg)	0.7	2.7	3.6
Niacin (mg)	0	0.2	10.3
Folate (mcg)	0.9	116.2	12.8
Protein	0.2	33.0	77.0

MISTAKE #10: COFFEE

Coffee = LESS INSULIN SENSITIVE

- Caffeine overstimulates adrenals = too much cortisol and adrenaline
 - Causes blood sugar spike and corresponding insulin response
 - Causes poor sleep!



Carnivore

6h • 🖪

So...I was very resistant to giving up my beloved coffee. I have been eating this way for a year and a half for health reasons but also to lose the covid weight I had gained. After 25lbs lost pretty quickly I have stayed the same weight which I was fine with but sort wanted to lose another 10 or 15lbs. After 2 weeks of no coffee, 9 pounds gone....just like that. No other changes. I don't even miss the coffee.



MISTAKES CONTINUED...

- Too much Lemon in water
- Glucosamine supplements
- Some medications (sleep meds)
- Xylitol Can effect blood sugar in some people
- STEVIA IN THE RAW
- Maltodextrin = higher on GI than sugar!





NOTES ABOUT PROTEIN



Maria Mind Body Health

HOW TO MEASURE

- 100 grams of chicken isn't 100 grams of protein.
- Chicken contains protein, fat, water, minerals, etc.
- These are some examples of different lean protein sources and how much protein are in each.
- This is why tracking macros is so important.



- Adapted -Maria Mind Body Health

PROTEIN ABSORPTION

- Protein source and absorption is key
 - Digestive enzymes can help with absorption
- GI tract can absorb about 5-10g protein per hour
- Certain protein gets absorbed quicker than others
 - Whey protein absorbs quickly (10g per hour)
 - Casein and other proteins much slower (egg about 3g per hour)
- High amount of whey can induce higher GNG (and spike blood sugar)
 - Avoid Whey Protein shakes Especially for metabolically damaged



REASON NOT TO DRINK CALORIES

- Protein Shake
 - 40-50g of protein
- Fluids pass through GI tract in about 1 ½ hours
- Body only absorbs about 5-10 grams protein per hour
- So only 15g gets processed (rest is wasted)
- Other proteins take up to 8-12 hours to digest enabling you to absorb all the protein





COLLAGEN AS A PROTEIN

Does Collagen Count towards Protein Macro?



"Collagen is a better prebiotic than fiber is because you get the benefit without the bloating."

MARIA EMMERICH

COLLAGEN

- 1/3 of the protein in your body is collagen: skin, hair, nails, joints, gut, bones, ligaments.
- Collagen doesn't support muscle
 - It does support other parts of a healthy body.
 - Especially our gut!
- DO NOT COUNT IT TOWARDS DAILY PROTEIN MACRO – does not have a complete amino acid profile.



COLLAGEN BENEFITS

Foods with the Highest Prebiotic Content¹⁰

Substrate	Total Short-Chain Fatty Acids				
Casein	7.42				
Cellulose	1.53				
Chicken cartilage	5.50				
Collagen	7.96				
Fructooligosaccharides (FOS)	10.37				
Glucosamine	7.11				
Glucosamine chondroitin	5.36				

Source: The Carnivore Cookbook by Craig and Maria Emmerich



COLLAGEN AND WEIGHT LOSS

- SOME collagen tends to stall weight loss
 - Over the decades of working with clients, I KNOW what works and what doesn't!
- Click <u>HERE</u> to find the collagen that will not stall weight loss!

I've lost over 50 pounds in 3 months. I am ot back to my ideal weight yet, but I know I will get there. I no longer suffer from neartburn, high blood pressure, high blood sugar and the list goes on. Forever grateful to <u>@mariaemmerich</u> ! "Tanya





GRAMS OF PROTEIN

How much protein is in typical foods?



EGGS

Save the yolks for overfeeding days!

A	Eggs	Calories	Fat	Protein	Carbs	P/E Ratio
	Egg white (1 large)	17.4	0.06	3.64	0.24	12.13
100	Egg (1 large)*	68.2	4.7	5.5	0.5	1.07

*Be careful; yolks add fat and lower P/E quickly!

Protein-Sparing Modified Fast Nethod





WHAT TO DO WITH THE YOLKS?

- To make my PSMF Pudding, use a carton of 100% egg whites and scramble the egg whites.
- To make the bread, it is best to use a FEW real egg whites.
 - Use 4 or 5 real egg whites and the rest carton egg whites.
 - Save the yolks.
 - You can FREEZE yolks and whites separately.
 - Use 100% egg whites in the carton to make scrambled eggs with on your non-PSMF days. I make extra creamy scrambled eggs for my boys (feels like cheese is in them without dairy).
 - Make Mayo, dairy free hollandaise, dairy free ice cream, dairy free crème Brule; for over-feeding days.



POULTRY

- Leaner cuts:
 - Gizzards
 - Chicken breast
 - Giblets
 - Liver
- Save the chicken wings for
 OverFeeding Days

Poultry (4 ounces)	Calories	Fat	Protein	Carbs	P/E Ratio
Chicken gizzards	175	3.0	34.5	0	11.50
Chicken breast, skinless	138	4.0	25.0	0	6.25
Chicken giblets (kidney)	178	5.1	30.8	0	6.04
Chicken liver	189	7.4	27.7	1.0	3.74
Chicken breast, skin-on	200	8.4	31.0	0	3.69
Chicken heart	210	9.0	30.0	0.1	3.33
Chicken leg, skinless	210	9.5	30.7	0	3.23
Pheasant	200	10.5	25.7	0	2.45
Chicken drums	178	9.9	22.0	0	2.22
Turkey	175	9.9	21.0	0	2.12
Chicken leg, skin-on	255	15.2	29.4	0	1.93
Chicken thigh, skinless	165	10.0	19.0	0	1.90
Duck	228	13.9	26.3	0	1.89
Chicken thigh, skin-on	275	17.6	28.3	0	1.61
Chicken wings	320	22.0	30.4	0	1.38
Chicken feet	244	16.6	22.0	0.2	1.33
Game hen	220	16.0	19.0	0	1.19
Goose	340	24.9	28.5	0	1.14
Chicken skin	514	46.0	23.0	0	0.50

BEEF

Beef cuts per 4 ounces	Calories	Fat	Protein	Carbs	P/E ratio
tenderloin steak	115	3.0	22.2	0.0	7.40
Beef Heart	187	5.4	32.2	0.2	5.96
Beef Kidney	179	5.3	31.0	0.0	5.85
sirloin tip side steak	190	6.0	34.0	0.0	5.67
Beef Liver	216	6.0	33.0	5.8	5.50
tri tip steak	200	11.0	23.0	0.0	2.09
shoulder steak	204	12.0	24.0	0.0	2.00
chuck boneless pot roast	240	14.0	28.0	0.0	2.00
brisket flat cut	245	14.7	28.0	0.0	1.91
top sirloin steak	240	16.0	22.0	0.0	1.38
t-bone	170	12.2	15.8	0.0	1.30
porterhouse	280	22.0	21.0	0.0	0.95
Beef tongue	322	25.3	22.0	0.0	0.87
Rib Eye Steak	310	25.0	20.0	0.0	0.80
Beef Back Ribs	310	26.0	19.0	0.0	0.73
boneless short ribs	440	41.0	16.0	0.0	0.39



BEEF

Choose leaner beef

- 93% lean ground beef
- Tenderloin
- Filet Mignon
- Save the fatty Ribeye for your over-feeding day!

- the -

Protein-Sparing

Modified Fast

Withod -



GOAT & LAMB

Goat & Lamb (4 ounces)	Calories	Fat	Protein	Carbs	P/E Ratio
Goat ribs	162	3.4	30.7	0	9.03
Goat meat	162	3.4	30.7	0	9.03
Lamb oysters (testicles)	154	3.4	29.7	1.14	6.54
Goat oysters (testicles)	154	3.4	29.7	1.14	6.54
Goat liver	217	5.9	33.0	5.8	2.82
Lamb liver	250	10.0	34.7	2.87	2.70
Lamb, ground	313	22.7	25.5	0	1.12
Lamb chops	313	22.7	25.5	0	1.12
					1



WILD GAME



Wild Game (4 ounces)	Calories	Fat	Protein	Carbs	P/E Ratio
Venison loin*	169	2.7	34.3	0	12.85
Elk steak	168	3.2	34.7	0	10.84
Venison steak	179	3.6	34.3	0	9.53
Venison roast	179	3.6	34.3	0	9.53
Bison top round steak	138	2.8	26.4	0	9.43
Rabbit meat	196	4.0	37.4	0	9.35
Elk loin	189	4.4	35.0	0	7.95
Bison chuck shoulder	219	6.0	38.3	0	6.38
Venison heart	187	5.4	32.3	0	5.80
Bison rib-eye	200	6.4	33.4	0	5.22
Bison top sirloin	194	6.4	31.8	0	4.97
Venison liver	196	8.0	28.0	0	3.50
Venison, ground	212	9.3	30.0	0	3.23
Elk, ground	219	9.9	30.2	0	3.05
Bison, ground	166	8.2	23.0	0	2.80
Bison liver	241	5.3	33.3	6.7	2.78
Bear meat	186	9.4	22.8	0	2.43
Bison heart	239	16.0	22.7	0	1.42

*Venison refers specifically to deer in this case.

rotein-Sparing

SEAFOOD

All seafood is PSMF!

Even salmon is protein sparing



Fish & Seafood (4 ounces)	Calories	Fat	Protein	Carbs	P/E Ratio
Shrimp	112	0.32	27.2	0.23	49.45
Langostino	93	0.67	21.3	0	31.79
Tuna (canned)	149	1.06	32.91	0	31.05
Northern pike	128	1.0	28	0	28.00
Cod	113	1.0	26	0	26.00
Orange roughy	119	1.0	25.7	0	25.70
Crab	94	0.84	20.28	0	24.14
Tuna (yellowfin)	150	1.5	34	0	22.67
Lobster	101	1.0	22	0	22.67
Perch	132	1.34	28.2	0	22.00
Bluegill	133	1.34	28.2	0	21.04
Crappie	132	1.34	28.2	0	21.04
Mahi mahi	100	1.0	21.0	0	21.00
Grouper	134	1.5	28.2	0	18.80
Crayfish (crawfish)	93	1.4	19.0	0	13.57
Barramundi	110	2.0	23.0	0	11.50
Tilapia	145	3.0	29.7	0	9.90
Monkfish	110	2.2	21.1	0	9.59
Sea bass	135	3.0	27.0	0	9.00
Halibut	155	3.5	30.7	0	8.77
Salmon roe (ikura)	185	4.0	34.3	0	8.58
Catfish	119	3.2	20.9	0	6.53
Flounder	97.5	2.7	17.3	0	6.41
Turbot	138	4.3	23.3	0	5.42
Octopus	186	2.4	33.8	5.0	4.57
Squid	119	1.8	20.3	4.0	3.50
Salmon	206	9.0	31.0	0	3.44
Scallops	126	1.0	23.0	6.0	3.29
Trout	190	8.6	28.0	0	3.26
Swordfish	195	9.0	26.6	0	2.96
Walleye	156	7.5	22.0	0	2.93
Arctic char	208	10.0	29.0	0	2.90
Cockle	90	0.8	15.3	5.3	2.50
Fish livers	118	5.0	12.5	5.8	2.50
Sardines	139	7.5	18.0	0.0	2.40
Clams	161	6.7	27.5	6.7	2.05
Mussels	195	5.0	27.0	8.38	2.02
Sea urchin	137	5.6	18.3	3.9	1.93
Anchovies	256	15.9	28.0	0	1.76
Eel	267	17.0	26.8	0	1.58
Mackerel	290	20.3	27.0	0	1.33
Oysters	92	2.6	10.7	5.6	1.30
Herring	283.5	20.2	23.8	0.0	1.18
Caviar	299	20.2	27.9	4.54	1.13
Escargot	239	0.2	1.3	3.5	0.35

Protein-Sparing Modified Fast PORK

Keep the bacon for over-feeding days!



Pork (4 ounces)	Calories	Fat	Protein	Carbs	P/E Ratio
Tenderloin	158	4.0	30.0	0	7.50
Liver	187	5.0	29.5	4.3	5.90
Kidney	171	5.3	28.8	0	5.43
Heart	168	5.7	26.8	0.5	4.70
Chop	241	12.0	33.0	0	2.75
Rump	280	16.2	32.8	0	2.02
Loin	265	15.5	30.8	0	1.99
Middle ribs (country style)	245	16.0	25.0	0	1.56
Leg ham	305	20.0	30.4	0	1.52
Ears	188	12.3	18.0	0.2	1.46
Tongue	307	21.0	27.3	0	1.30
Brains	156	11.0	14.0	0	1.27
Butt	240	18.0	19.0	0	1.06
Cracklings (pork rinds)	530	40.0	39.0	1.9	0.98
Bacon	600	47.2	41.8	0	0.89
Shoulder	285	23.0	19.0	0	0.83
Hocks	285	24.0	17.0	0	0.71
Loin back ribs (baby back ribs)	315	27.0	18.0	0	0.67
Belly	588	60.0	10.4	0	0.17





WHAT TO EAT

Top PSMF (Pure Protein) foods.



9 HEALTHY LEAN PROTEINS

PSMF PROTEINS

- Instead of chicken thighs
 - Skinless Breasts
- Instead of Bacon
 - Lean Ham
- Instead of Ribeye
 - Tenderloin
- Instead of yolks
 - Egg Whites
- All Seafood and Fish



Chicken Breast (Boneless, Skinless) 34g protein



Tuna 29g protein



Egg Whites 13g protein per 4 ounces



White Fish 26g protein



Pork Loin 33g protein



Shrimp 26g protein

KetoMaria.com



Turkey Breast (Boneless, Skinless) 34g protein



Beef Tenderloin 35g protein



Scallops 23g protein

WHAT DOES PSMF LOOK LIKE?

- Food can still be very tasty and satiating
- Lots of leaner animal proteins, limited plants
- Egg whites, chicken breast, fish, seafood, leaner cuts of meats like tenderloin, fillet mignon, pork loin





SHAKE OPTION



- It is BEST to always chew your food
 Chewing registers hormones that signal you are full!
 - BUT if you need a shake, try my scrambled egg pudding made into a shake by adding more almond milk or ice.
 - Never use WHEY protein.



EGG WHITE IDEAS

- No one wants bland egg whites!
- I. Popovers
- 2. Fried "Rice"
- 3. Thanksgiving Frittata
- 4. Orange Cream Shake
- 5. Souffle Omelet
- 6. Hot Chocolate Cereal



BREAKFAST IDEAS

- 1. Bagels with my dairy free cream cheese
- 2. Cocoa Puffs
- 3. Pancakes
- 4. Dutch Baby
- **5.** Waffles



CHICKEN IDEAS

No one wants to eat dry chicken breasts!

Ideas:

- 1. Chicken "Noodle" Soup
- 2. Asian Ground Turkey
- 3. BBQ Chicken Pizza
- 4. Chicken Tenders with Carolina BBQ
- 5. Orange Chicken over fried "rice"



SEAFOOD IDEAS

- 1. Shrimp Scampi (no butter)
- 2. Lobster
- 3. Cod with PSMF Tartar Sauce
- 4. Tuna Sandwich
- 5. Shrimp Cocktail
- 6. Halibut with Ginger Sauce


PORK IDEAS

- 1. Dijon Pork Chops
- 2. Sweet n Sour Pork Chops
- 3. BBQ Pulled Pork Sandwich
- 4. Ham Sandwich
- 5. Perfect Pork Tenderloin
- 6. Pork Chops with Truffle Mustard





SNACK IDEAS

- I. Protein Sparing Chips and Dip
- 2. PSMF Pudding
- 3. Sashimi
- 4. Fry Bread (sweet or savory)



SNACK IDEAS

- TORTILLA CHIPS!!!
 - With my PSMF Sour Cream



DESSERT IDEAS

- 1. Chocolate Ice Cream
- 2. Cinnamon Rolls
- 3. Wendy's Frosty
- 4. PSMF Bread Pudding



EASY IDEAS

- egglife wrap (or my protein tortilla) with turkey, chicken, ham and mustard
- egglife wrap (or my protein tortilla) with taco meat!
 - I always make extra taco meat
 - OR make slow cooker chicken breasts with taco seasoning!







EASY IDEAS

- 1. Egg Salad Sandwiches
- 2. Slow Cooker Ranch Chicken wraps
- 3. Slow Cooker BBQ Pork wraps
- 4. CRAB!
- 5. Tuna Melt Dutch Baby



PESCATARIAN

- 1. Crab
- 2. Lobster
- 3. Fish (salmon, halibut, any fish!
- 4. Shrimp, seafood
- 5. Eggs
 - PSMF Bread
 - Sandwiches with lettuce, tomato, mustard
 - Dutch Baby
 - Sweet and savory
 - PSMF pancakes





TOO BUSY TO COOK?

- No one is busier than me!
 - I wrote 3 books last year,
 - I consult clients daily,
 - I am filming a Netflix show,
 - I put of FREE blog content 3 times a week,
 - I make YouTube videos,
 - We homeschool our children,
 - I find time to run and workout daily.
 - I COULDN'T DO ALL THIS IF I DIDN'T FEED MYSELF WELL!
 - MAKE YOUR FAMILY HELP! TEACH THEM TO COOK!





HOW DO I DO PSMF IF I AM TOO BUSY?

Work SMARTER not HARDER!

- I do not cook everyday, but we do eat homemade meals everyday!
 - QUADRUPLE BATCHES and Freeze most of it
 - Italian Chili, Soups
 - Smoked Meats: FILL the smoker and I have easy smoked meat in the freezer for a month!
 - Make sauces for the next 2 weeks
 - Dairy Free Ranch



HOW DO I DO IT IF I DO NOT COOK?

GET A SLOW COOKER! MAKE A DOUBLE BATCH and get a CASE of egglife wraps 1. Slow Cooker BBQ Chicken Breasts (serve in egglife or lettuce wraps) 2. Slow Cooker Chicken Burrito 3. Slow Cooker Sloppy Joes 4. Slow Cooker Barbacoa Wraps 5. Slow Cooker Asian Pulled Pork Wraps 6. Slow Cooker Chicken Fajitas 7. Slow Cooker BBQ Pork Wraps 8. Saucy Enchilada Bake 9. Slow Cooker Reuben Chicker E



HOW DO I DO IT IF I DO NOT COOK?

- OVERFEEDING/REGULAR KETO
 - 1. SLOW COOKER Mexican Ribs
 - 2. SLOW COOKER Asian Ribs
 - 3. SLOW COOKER BBQ Short Ribs
 - 4. SLOW COOKER Thai Short Ribs
 - 5. SLOW COOKER Chicken & Lime Coconut Soup
 - 6. SLOW COOKER GUMBO
 - 7. SLOW COOKER Doro Watt



FAST AND QUICK MEALS

- Crab! It is already cooked!
- Pre-cooked Shrimp
- Tuna packed in water with mustard
- Canned salmon



RESTAURANT IDEAS

- Yes! You can still dine out!
 - Grilled Steaks
 - Shrimp
 - Salmon
 - Steak Tartar
 - Lobster
 - Broiled Fish





OVER FEEDING DAYS

Important if doing PSMF week after week.



FOR MAXIMUM FAT LOSS & HEALING

Do not add in Dairy

 Cheese, whey protein, sour cream, heavy cream, cottage cheese

Do not add in Nuts

- Almonds, pecan, NUT FLOURS
 - Remember: unsweetened almond milk is ok (no carbs and no fat)

Fathead Pizza is a bad idea



OVER FEEDING IDEAS

- **1.** Baby Back Ribs
- 2. Deviled Eggs
- 2. Paffle (made with pork rind dust)
 - Lobster Roll Paffle
 - BLT Paffle
 - Tuna Salad Paffle



OVER FEEDING IDEAS

- 1. Ribeye (preferably grilled)
- 2. Double Bacon Burger (no cheese), comeback sauce
- 3. Bacon Wrapped Shrimp



OVER FEEDING IDEAS

- I. Pork Rinds
- 2. Giant Protein Bread Sandwich with Mayo (no vegetable oil mayo!) and salami, prosciutto, corned beef.





EXERCISE AND PSMF



Maria Mind Body Health

EVER GAIN WEIGHT TRAINING FOR A MARATHON?

- I did! Exercise timing can change hormones:
 - Cortisol
 - Also depletes you of IRON (Ferritin)... even Men!
 - Don't focus on just cardio and do not run later in the day!
 - Best is combination
 - HITT
 - Heart rate up, then strength train



EXERCISE TIMING

Weight loss is all about HORMONE MANIPULATION

- Cortisol is Naturally high in Morning
 - Don't increase cortisol later in the day
- Human Growth Hormone vs Insulin
 - You burn 300% more body fat in the morning on an empty stomach
 - Your body does not have any glycogen or stored carbohydrates/sugar in the liver to burn.
 - Your body goes directly into the fat stores
 - You also increase your human growth hormone levels;
 - The fat-burning hormone.
 - The human growth hormone and insulin counteract each other.





MY TYPICAL DAY

- 5:30am: Work with clients, take supplements, drink ICE water sweetened with stevia drops.
- 8am-9am: Run (then take supplements)
- 9:30am: eat filet mignon (6 ounces 44g protein)
- 1pm: eat 6 ounces mahi or halibut over iceberg lettuce and my coconut ginger sauce (31g protein)
- Walk after lunch
- 5:30pm: eat protein sparing bread dipped in my Italian Chili or with a burger, protein sparing dessert (45g protein)
- 6pm: <u>BluBlox on to lower cortisol! Click HERE!</u> And bedtime supplements.



DO NOT EXERCISE TO EAT MORE!

- It takes 3,500 calories to burn a pound of fat
 - That is a marathon and a half!
- Exercise for mitochondrial benefits
 & muscle mass, not extra calories!
- If exercise stimulates hunger, then focus on walking and yoga
 - Especially if doing extended fasting





SUPPLEMENTS FOR PSMF



Maria Mind Body Health

YOU AREN'T WHAT YOU EAT, YOU ARE WHAT YOU ABSORB!



- Hydrochoric acid.
 - If you are low in HCL, you could be drinking magic potion but not benefiting from the magic because you aren't absorbing it!

Click <u>HERE to find!</u>

- A healthy thyroid produces HCL: low thyroid = low HCL
 - Causes a vicious cycle (thyroid NEEDS zinc, selenium, iodine)



AS WE AGE

We produce less Hydrochloric Acid

- LESS ABSORPTION OF NUTRIENTS AND PROTEIN!
- Causes lack of flavor in food, and excessive hunger.
 - Hashimotos often have low HCL
- Click HERE to find!
- Digestive Enzymes
 - Click HERE to find!



PROTEIN INSURANCE

- I take leucine everyday after my morning run.
 - 700mg l-leucine: helps with muscle building as you lose weight as well as provides energy. Find it here: https://mariamindbodyhealth.com/leucine/
 - This does not REPLACE protein!
 - Can help if you are ill: Covid, Infection, Illness



ENERGY

Potassium and SODIUM:

Carbs retain water

- You lose a lot of sodium and potassium
- Potassium safeguards your lean mass during weight loss.
 - prevents cramping and fatigue.
- A deficiency = low energy, heavy legs, salt cravings, dizziness and you may cry easily.
- (SKIP IF YOU <u>DRINK LMNT</u> which has potassium and will help with constipation) Find FREE SAMPLE HERE: <u>https://mariamindbodyhealth.com/lmnt-electrolytes-</u> <u>2/</u>

Find Potassium: https://mariamindbodyhealth.com/potassium/

HOW TO BALANCE ELECTROLYTES

Sodium Na

4,000-7,000 mg per day

This is the total sodium you need for the day on food and in water. 4,500mg sodium is about 2 1/2 teaspoons of sea salt. If you are active, sweat a lot or in hot weather, add 1,000-2,000 mg a day.

Potassium

3,000-6,000 mg per day

Most people get enough potassium in food and don't need to supplement if they prioritize proteins like beef, pork, fish, etc.

If dehydration symptoms aren't resolved by getting enough sodium and magnesium, try adding potassium citrate. If you don't get enough sodium, the body leeches potassium and magnesium.

Magnesium

400-1,200 mg per day

This is in addition to what you get in your food. Most people are deficient in magnesium regardless of diet.

Supplement using magnesium glycinate is best. Malate and l-threonate are good too.

Avoid oxide and citrate forms of magnesium as they can cause loose stools and aren't absorbed as well.

K E T O - Adapted --Maria Mind BODY HEALTH

MARIAMINDBODYHEALTH.COM KETO-ADAPTED.COM

ENERGY

• 3 grams (3,000 mg) of Acetyl-I-carnitine once daily on empty stomach

- increase energy, weight loss and focus, decrease triglycerides.
- An amino acid which aids the breakdown of calories by shuttling fatty acids into the mitochondria which is our 'fat-burning powerhouse' in our body.
- Helps increase your energy at same time suppressing your appetite.
- Reduces muscular fatigue, which can help you go longer and harder in your fitness routine. (NOTE: This can cause loose stools)
- Find it HERE: <u>https://mariamindbodyhealth.com/acetyl-l-carnitine/</u>



MY BASIC SUPPLEMENTS (I TAKE MORE)

- I. Probiotic (even my kids take): <u>Click HERE</u>
- 2. Vitamin D with K2 (in the winter.... even my kids take): Click HERE
- 3. Vitamin K2 (even my kids take): <u>Click HERE</u>
- 4. Magnesium (even my kids take): <u>Click HERE</u>
- 5. Zinc (even my kids take): <u>Click HERE</u>
- 7. Aceytl-L-carnitine: <u>Click HERE</u>
- 8. Beef Organs (even my kids take): <u>Click HERE</u>



PERSONALIZED SUPPLEMENT PLAN

- Do you suffer with Stubborn Weight Loss, Thyroid issues, Constipation, Sleep Issues, High Blood Pressure, an autoimmune disease?
 - Click <u>HERE to get a personalized</u> <u>supplement plan.</u>

Re: Test Results

Hi Maria!

I hope you're doing well! I have been following your health assessment recommendations and am very happy to report I'm feeling great! I have been eating your wAy of keto along with some psmf days and have lost 42lbs!! I'm so grateful for you and Craig and the work that you do





RESULTS & CONCLUSION PSMF for Fat Loss



CLIENT RESULTS

Client testimonies using PSMF

"Thank you, Maria, for teaching us everyday what to do to lose weight and stay healthy! The Protein Sparing Modified Fast book is awesome! I'm doing 3 days a week of PSMF and I'm losing weight again!!! I only want 10 more lbs. and I'm good!!! Thank u again!" MJ0

Results: Week 1 of PSMF .. -3.5 lb. 👻 -53.5 lbs. down total! I followed traditional keto Marco's from Jan - Apr.. saw amazing results. Things slowed down. I kept CONSITANT () even though I was frustrated not seeing "better" results. Last week I learned about PSMF and plugged in right away! - 3 days of PSMF - The rest of the week marco's from

Mar 15

June 14

Maria and Craig Calculator Shocked by the scale today!

"I ate all protein yesterday lost 2.6 pounds over night."

This is definitely the most "curious" dish in the PSMF! It is the French Toast Porridge. It looks like oatmeal, is made from egg whites and almond milk, but it tastes like gourmet popcorn. Maple cinnamon poppycock. Maria you're a genius!



2y Like Reply

3 🗘 🖸

This is the difference LCHF vs LCLF made in my life

CLIENT RESULTS

Client testimonies using PSMF

"Thank you, Maria, for teaching us everyday what to do to lose weight and stay healthy! The Protein Sparing Modified Fast book is awesome! I'm doing 3 days a week of PSMF and I'm losing weight again!!! I only want 10 more lbs. and I'm good!!! Thank u again!" MJ0 Results: Week 1 of PSMF .. -3.5 lb. -53.5 lbs. down total! I followed traditional keto Macro's from Jan - Apr.. Things slowed down. I kept CONSITANT (*-) even though I was frustrated not seeing "better" results. Last week I learned about PSMF and plugged in right away!

- 3 days of PSMF

- The rest of the week macro's from Maria and Craig Calculator Shocked by the scale today!

"I ate all protein yesterday lost 2.6 pounds over night."

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WEIGHT LOSS

We are blessed to have found your books to guide our keto journey. 1 year in with forever to go! This is 200 pounds of weight

loss. – Lena

Lost 200 pounds Total

To date I have lost 220 pounds. I have been trying to get my family to eat Keto with me with no success. ..Maria Emmerich's Keto Comfort Foods in particular has been the ultimate game changer. ...I am beyond excited as to what the future holds for my family and our Keto lifestyle. I have recommended these books to everyone. Literally every recipe I have made has been fantastic.



"I do want to say a huge thank you to you and Maria both. I was about 285lbs at my heaviest. I first started losing by switching to a paleo diet, but eventually stalled at about 240. I found your site, bought your books and switched to keto. As of this morning I weigh 181. Still have a way to go to my goal weight but I know keto will get me there! Oh, and I no longer suffer at all from my ulcerative colitis!!!" - Sam



My heaviest weight was **456lbs**. I needed a total lifestyle change. **My heart was**

enlarging, I couldn breathe, asthma, ac the low carb way of c weight so fast. I brol and have shed anoth

totalbs 1My :Lost 254canpoundsmintmeamazing!!" - Ashley



"This is what your help has done for me...a mom of 5, and business owner with



Lost 150 pounds of fat, gained 20 pounds of muscle OX" -Robyn






DEXA PROOF

Questions > Category: General Questions > DEXA Scan Victory



0

Andrew Carlester asked 2 hours ago

Subscribe Edit Delete

About five weeks ago, Craig changed my macros from fat loss to maintenance because my doctor thought I had lost too much weight.

Today was my first Dexa after switching to those macros, and I was anxious to see how much fat I had gained. The results were 3.2 lbs increase in body mass, 1.5 lbs decrease in fat mass, and 4.7 lbs increase in muscle mass.

You could have knocked me over with a feather! Craig's macros rock, and I'm also benefiting from strength training five days per week plus yoga several days.



FREE MACRO CALCULATOR

- Get your personal macros done!
- Includes PSMF macros
- https://mariamindbodyhealth.com/keto-calculator/





FREE MEAL PSMF PLANS

Click <u>HERE</u> for PSMF meal plans that have perfected macros for non-protein sparing day!

- Dairy Free
- Nut Free

AND DELICIOUS

30 Day Ketogenic Cleanse plus PSMF Meal Plans!

Here are BONUS meal plans for the 30 Day Ketogenic Cleanse cookbook (click HERE to get it). That include PSMF days from our new ebook The Art of Fat Loss (click HERE to get it).

To quickly find which cookbook each recipe is in, just go HERE to get our full Recipe Index of all our cookbooks!







TAKE CARE OF YOURSELF FIRST!





JUST SAY NO!

- Say YES to YOU!
 - Re-think your priorities!





BOOKS AND SERVICES

How to get more help.





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https://m.youtube.com/channel /UCyZiaOTtezGqjGcXwXJhDoQ?s ub_confirmation=1

Tell your friends! Keto food can be delicious and easy to make!





KETO TRIPS

- Trips of a lifetime!
 - Eating delicious keto and carnivore meals!
 - Private VIP tours
 - Even stayed in a CASTLE!
- Go here to check them out: <u>https://mariamindbodyhe</u> <u>alth.com/events/</u>



PSMF COOKBOOK

CLICK HERE to get our PSMF eBook. **Protein Sparing Modified** Fast Cookbook Accelerate weight loss with healing meal plans maria emmeric

Click <u>HERE for the</u> <u>Art of Fat Loss!</u>



Protein Sparing Modified Fast Recipes and Meal Plans to Accelerate Fat loss and Healing



Click <u>HERE for the Pure</u> <u>Protein Cookbook!</u>



MY BOOKS



Sugar Free Kids: <u>https://amzn.to/3DeagwC</u> Keto Comfort Foods: https://amzn.to/2LEBgNM Keto Air Fryer: https://amzn.to/2ZGnsXB The Carnivore Cookbook: https://amzn.to/2tfjQzM Quick and Easy Ketogenic Cooking (Halle Berry's favorite) https://amzn.to/2AaRGbV The 30 Day Ketogenic Cleanse: https://amzn.to/2JVi8WE Keto: https://amzn.to/2OkqIBE Keto audio book (read by me): https://amzn.to/2JW6Ykr Keto Restaurant Favorites (which is my favorite!): https://amzn.to/2mJmS8V Easy Dairy Free Ketogenic Recipes: https://amzn.to/2JV3gaJ Keto Instant Pot Recipes: https://amzn.to/2uQDfVA The Ketogenic Cookbook: https://amzn.to/20ii7zK And other favorite self-published books: http://keto-adapted.com/productcategory/ebooks/



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KetoMaria.com

Blog with lots of free resources and personal consulting options.



IF YOU ARE STALLED OR WANT WEIGHT LOSS TO HAPPEN FASTER

 A personalized health assessment WILL help speed up healing and weight loss!

Click HERE to check it out!

I wanted to tell you thank you for your plan. I finally feel in control. In one month I'm down a dress size , shirt size and pant size. Also gained motivation to keep going. I'm down 23 lbs my first month and excited to keep going. Thank you

4:29 PM

Oh my goodness!!!! I'm sooooooo proud of you 💜 🎔 🎔 🖤 🖤 🌾

AFFILIATE PROGRAM

We have an affiliate program! If you are always promoting my stuff, eBooks, you should get paid for it!

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Even my certified coaching program. If someone signs up with your link, you make a lot!



Keto Coach Certification

ENROLL NOW!

E KETO

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