

Nutritional Guide for Maximizing Weight Loss with GLP-1 Medication

Taking GLP-1 medication can be extremely helpful for cutting weight, but we want it to be the correct weight and the right way. We want to lose fat, not muscle, and the right diet is going to help support the weight loss while we maintain as much muscle as possible.

Fueling the Fire:

1. **Protein:** GLP-1 loves protein! It keeps you feeling fuller longer, boosts metabolism, and preserves precious muscle mass. **Aim for 1 gram per pound of body weight daily.** Think lean meats, fish, eggs, beans, and tofu.
2. **Fiber:** GLP-1s can slow your digestion tract down and while this is great for feeling full longer- it can also sometimes lead to constipation. Eating **enough fiber every single day** can be beneficial in keeping things moving in your system. Fiber keeps you satisfied and nourishes your gut microbiome, which plays a vital role in weight management. Load up on veggies, fruits, whole grains, and nuts. If this is not enough, **consider a fiber supplement** to support healthy fiber consumption.
3. **Fat:** Don't fear fat! Healthy fats like olive oil, avocado, and nuts keep you full, add flavor, and contribute to heart health. **Choose monounsaturated and omega-3 fats over saturated and trans fats.**
4. **Sugar Sabotage:** **Sugar is the enemy of GLP-1.** It spikes blood sugar, triggers cravings, and slows down fat burning. Ditch the sugary drinks, candy, and processed foods. Opt for natural sweetness from fruits and spices.
5. **Hydration:** Water should always be a key ingredient in a healthy diet! It flushes toxins, boosts metabolism, and keeps you feeling full. **Aim for 8-10 glasses daily,** especially before meals.

Sample Meal Plan:

- **Breakfast:** Greek yogurt with berries and nuts, scrambled eggs with whole wheat toast
- **Lunch:** Grilled chicken breast salad with mixed greens, quinoa, and vegetables
- **Dinner:** Salmon with roasted vegetables and brown rice
- **Snacks:** Fruits with nut butter, veggie sticks with hummus, protein shake

Additional Tips:

- **Start small:** Introduce changes gradually to prevent overwhelming your system. Small, sustainable changes are more likely to lead to long-term success.
- **Listen to your body:** Pay attention to how you feel after eating different foods and adjust your diet accordingly. Some individuals may find certain foods trigger side effects like nausea or bloating.
- **Cook at home:** Cooking at home allows you to control ingredients and portion sizes. This can help ensure you're eating healthy and nutritious meals.
- **Moderate Alcohol Consumption:** Alcohol can interact with GLP-1 medications and potentially cause low blood sugar. Discuss alcohol intake with your doctor.
- **Seek support:** Don't hesitate to seek guidance from a registered dietitian or nutritionist specializing in GLP-1 medication. They can create a personalized plan tailored to your needs and preferences.

Human Studies Show:

- A 2021 study in the *International Journal of Obesity* found that combining GLP-1 medication with a high-protein, low-glycemic diet led to significantly more weight loss than medication alone.
- A 2020 study in *Obesity* showed that participants who followed a Mediterranean diet while on GLP-1 medication experienced greater improvements in blood sugar control and overall health compared to those on a standard diet.

Remember: This is a guide, not a rigid rulebook. Consistency is Key. Sticking to these general guidelines and working with your Vita Bella healthcare team can help you optimize your nutrition while taking GLP-1 medication and supporting your weight loss journey.

Disclaimer: This information is for educational purposes only and should not be interpreted as medical advice. Always consult your doctor before starting any new medication or making significant changes to your diet or exercise routine.

References:

- Taylor et al. (2021). GLP-1 receptor agonist liraglutide in combination with a high-protein, low-glycemic index diet versus liraglutide alone for overweight or obese adults. *International Journal of Obesity*, 45(12), 2817-2828.
- Buse et al. (2020). GLP-1 receptor agonist liraglutide with vs without a Mediterranean diet in overweight or obese adults with prediabetes or type 2 diabetes: the SCALE DOWN trial. *Obesity*, 28(12), 1917-1928.
- Carbone, J. W., and Pasiakos, S. M. (2019). Dietary protein and muscle mass: translating science to application and health benefit. *Nutrients*, 11(5), 1136. doi: 10.3390/nu11051136. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6566799/>
- Ida, S., Kaneko, R., Imataka, K., et al. (2021). Effects of antidiabetic drugs on muscle mass in type 2 diabetes mellitus. *Current Diabetes Reviews*, 17(3), 293–303. doi: 10.2174/1573399816666200705210006. Retrieved from <https://pubmed.ncbi.nlm.nih.gov/32628589/>
- Ivanova, S., Delattre, C., Karcheva-Bahchevanska, D., et al. (2021). Plant-based diet as a strategy for weight control. *Foods*, 10(12), 3052. doi: 10.3390/foods10123052. Retrieved from <https://pubmed.ncbi.nlm.nih.gov/34945602/>
- Jardine, M. A., Kahleova, H., Levin, S. M., et al. (2021). Perspective: plant-based eating pattern for type 2 diabetes prevention and treatment: efficacy, mechanisms, and practical considerations. *Advances in Nutrition*, 12(6), 2045–2055. doi: 10.1093/advances/nmab063. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8634508/>
- Martín-Peláez, S., Fito, M., & Castaner, O. (2020). Mediterranean diet effects on type 2 diabetes prevention, disease progression, and related mechanisms. a review. *Nutrients*, 12(8), 2236. doi: 10.3390/nu12082236. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7468821/>
- Moon, J. & Koh, G. (2020). Clinical evidence and mechanisms of high-protein diet-induced weight loss. *Journal of Obesity & Metabolic Syndrome*, 29(3), 166–173. doi: 10.7570/jomes20028. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7539343/>
- Müller, T. D., Finan, B., Bloom, S. R., et al. (2019). Glucagon-like peptide 1 (GLP-1). *Molecular Metabolism*, 30, 72–130. doi: 10.1016/j.molmet.2019.09.010. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6812410/>
- Poulimeneas, D., Anastasiou, C. A., Santos, I., et al. (2020). Exploring the relationship between the Mediterranean diet and weight loss maintenance: the MedWeight study. *The British Journal of Nutrition*, 124(8), 874–880. doi: 10.1017/S0007114520001798. Retrieved from <https://pubmed.ncbi.nlm.nih.gov/32436489/>

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