

Glycemic Regulation Nutritional Therapy

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In today's world, if there was one area to become an expert in, it would be blood sugar problems. Think about it. Understanding the glycemic nuts and bolts will affect obesity, hypertension, fatigue, mental confusion, immune dysfunction, anxiety, the list is pretty extensive. Unfortunately, our country has the most sophisticated marketing and advertising people in history promoting this "life style disease."

Consuming foods that have little or no life in them encourages the growth of dysbiotic organisms in the gut and microbiota that can create calories as byproducts. Fortunately, you can offer solutions.

Dr. Alex Vasquez said in a webinar, which is linked below, new research indicates "The value of food may not be in the vitamins, minerals, amino acids or calories we ingest but rather in the phytochemicals that feed the healthy microbiota in our



bowel; microbiota that can turn on and off inflammatory cytokines."

With the current science available he feels that it is irresponsible to ignore the role that mitochondrial dysfunction, dysbiosis, persistent organic pollutants (POPs), diet and exercise play in glycemic regulation. Below, I have attached several recent webinars by Dr. Vasquez that will give you cutting edge information on each of these topics.

I want to share an interesting case that illustrates the value

of nutrients in treating diabetes to encourage you of the possibilities. One of my colleagues, Dr. Greg Peterson, had a new patient appointment on a Thursday afternoon with a woman we'll call Anna from a local Amish community. He performs basic urine dip stick tests on every new patient, as well as other in-office urinary tests; an Indican looking for toxicity and a Koenisburg to assess adrenal stress. He drew blood to assess basic metabolic functions as the patient complained of severe fatigue. Imagine his surprise when he saw the urine glucose at

its upper detection limit (over 1000), a pH of 5.0 and extreme adrenal stress based on the Koenisburg.

While waiting for the blood results Dr. Peterson recommended three Bio-Glycozyme Forte between meals to provide basic support for adrenals, blood sugar and mitochondria. He also told Anna to stop eating all refined foods and sugars. When he received the lab results the following Monday, he quickly called her husband thinking that she should be hospitalized. Her blood sugar was 468 with a hemoglobin A1c of 14.6.

The husband couldn't say enough kind things and claimed his wife Anna hadn't felt this good in years after the restricted diet and four days of Bio-Glycozyme Forte.

Based on her subjective improvement, Dr. Peterson continued to treat her on an outpatient basis adding: 3 capsules of GlucoBalance with meals as foundational nutrient support, 1 capsule of Lipoic Acid with each meal as mitochondrial, antioxidant support and 1 tablet of Cytozyme-H (Heart) with each meal.

Dr. Goodheart used to say with tough blood sugar cases heart tissue helps pull sugar into the cells. Cytozyme-H contains neonatal heart tissue free from the contaminants many adult animals contain.

Anna's husband promised to return to Dr. Peterson's office in 2 weeks to monitor progress. During that period her blood sugar dropped 242 points to 226 in 13 days. Dr. Peterson subsequently added: EFA-Sirt Supreme, 1 capsule twice a day and 4 tablets of Intenzyme Forte between meals to support digestion and pancreas; 5 drops or 10,000 IU, of Bio-D- Mulsion Forte and 2

tablets, three times a day of Thyrostim to support the thyroid. Her serum potassium as well as her urine pH was low; so Dr. Peterson also added 1 tsp, twice a day of Potassium-HP with Magnesium.

As you know most diabetics have an acidic pH. Potassium-HP with Magnesium is very alkalizing and provides additional magnesium which is another nutrient commonly found low in the literature with diabetics.

Two weeks later her blood sugar dropped another 99 points to 127 mg/dl. A month later it was down to 96. Her energy completely returned and in the last 18 months she has referred well over 30 patients to Dr. Peterson.

He didn't think the "3-Step Detox" was necessary because of her lifestyle and community. However, you will note on the updated flow chart below I have added it. Doctors have shared with me how cholesterol, triglycerides and glucose drop like stones when the "3-Step Detox" is employed. You can see my flow chart on predictive lab values with the therapeutic ranges and nutrient considerations.

With the links below, and the knowledge you already possess, you will be at least a decade ahead of conventional medicine. It may take a little work to integrate these ideas into your current patient flow and educate your community that you specialize in dysglycemic issues; however, you literally have solutions at your fingertips that can significantly improve the quality of life for hundreds if not thousands of patients.

Thanks for reading this week's edition. I'll see you next Tuesday.