

# DIABETES

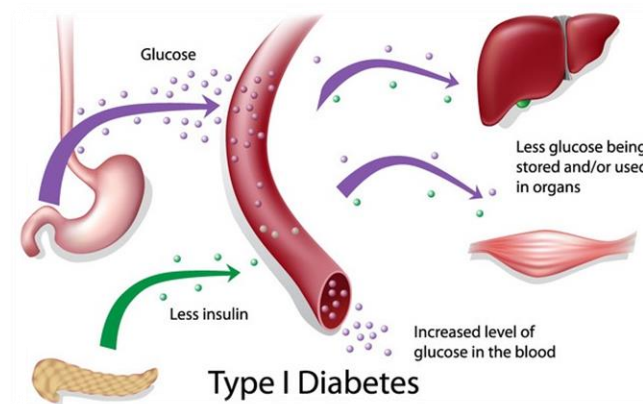
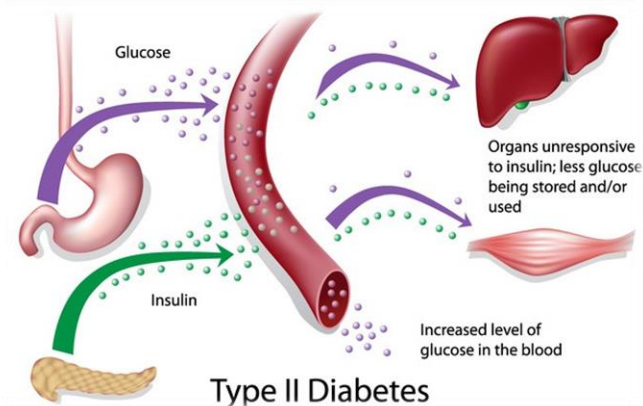
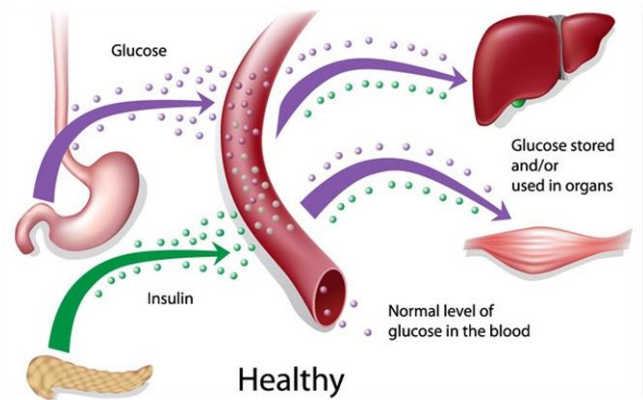
## CONVENTIONAL THOUGHT

Diabetes is a metabolic disease in which there is a deficiency in the pancreas to produce insulin (Type I) or there is resistance in the cells to accept insulin (Type II). Type 1 diabetes is believed to be an autoimmune disease in which the body's immune system attacks and destroys the insulin-producing beta cells in the pancreas. The pancreas then produces little or no insulin to regulate the blood sugar. The cause of this autoimmune attack is unknown, but it is believed there is a genetic component to be inherently susceptible to developing this condition. A person who has Type I diabetes must take insulin daily to live. The most common form of diabetes is Type II, 90% of all diabetic cases. When Type II diabetes is diagnosed, the pancreas is usually producing enough insulin, but the body cannot use the insulin efficiently, a condition called insulin resistance. This insulin resistance or insensitivity is largely believed the result of excess body weight and physical inactivity. After several years, insulin production decreases. The result is the same as for type 1 diabetes—glucose builds up in the blood and the body cannot make efficient use of its main source of fuel.

For the vast majority, lifestyle factors such as the foods you choose to eat, the supplements you take, your activity level, and your weight determine whether or not you will develop diabetes and what course it will take if you already have it.

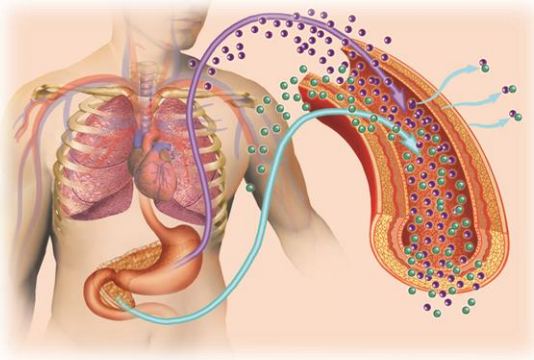
## DESCRIPTION

We are all born with functioning pancreases and cells which can effectively receive insulin. As a person grows the lifestyle choices one makes can leave them susceptible to the onset of this Disease. Often they have also developed an acidic environment in their body where pathogens can live and survive. This is also coupled with the fact that toxins and pollutants can and do





accumulate in the body helping to provide this undesirable environment. Habits that lead to developing an acidic body are irregular eating habits, consuming low nutrition foods, physical inactivity, and deposits of toxins. It is our belief that an infestation of specific pathogens and the accumulation of toxins in the body are the primary culprits to why insulin resistance develops and the pancreas shuts down.

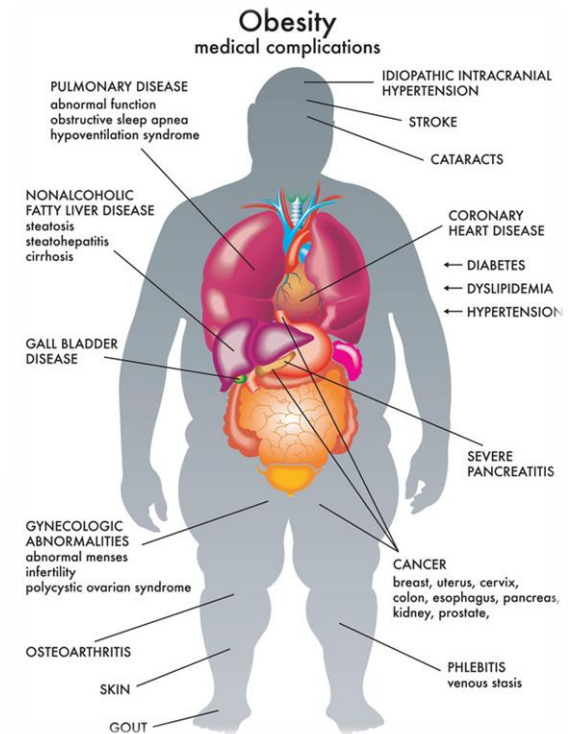


Type I diabetes is the failure of the pancreas to produce insulin. While it is believed this is due to an autoimmune attack on the pancreas it is our belief this happens because of an infection of specific pancreatic fluke parasites. The toxins released from this parasite inhibit the beta cells in the pancreas to produce insulin. The reason those parasites are there is because they're living in a deposit of wood alcohol that has built up in the body. For the 90% of diabetics with Type II diabetes there is a failure of cells to effectively accept insulin. This is now believed to be at least partially due to an infection of pathogens and materials whose byproducts literally clog the insulin receptors of cells in the body. These pathogens have developed mechanisms to go relatively undetected in

the body and are living in an acidic environment in the body largely created by lifestyle and dietary choices.

## IMPORTANT CONSIDERATIONS

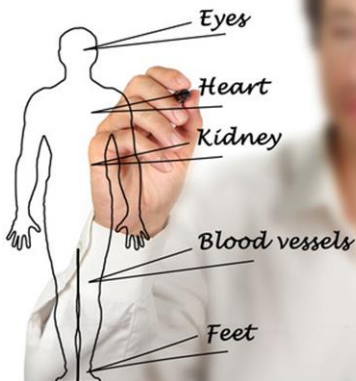
Regardless of the stage present, the problem **MUST** be addressed or serious complications **WILL** occur. This often results in a cascading effect of additional complications making recovery even more difficult, if not impossible, to address in the future. At least some of the damage that can occur is permanent and cannot be reversed. Unquestionably it is best to address the issues before they get to be serious problems.



### Diabetes Risk Factors

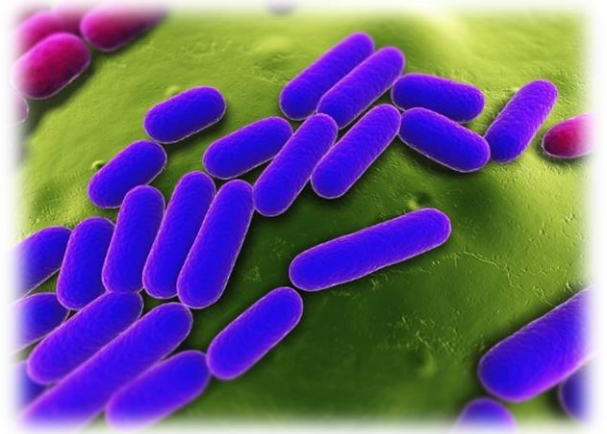
- Overweight
- High blood pressure
- High level of cholesterol
- Genetics/ Family history

### Diabetes Complications



# PATHOGENS

Pathogenic studies of Type I patients show a common fluke parasite, *Eurytrema pancreaticum*. This is the pancreatic fluke parasite of cattle, and we likely get it by consuming beef or dairy products in a raw state or under-cooked state. Common pathogens found in Type II diabetics are enteroviruses, specifically echovirus 4, Coxsackie B virus, and parechovirus along with the viruses cytomegalovirus, hepatitis C virus, and Ljungan virus. Regardless of the Diabetes type diagnosed, the PulsedTech strategy attempts to address each of these targets to minimize and/or eliminate their impact on the problem at large.



## STRATEGIC SELF-TREATMENT

Pulsed Technologies has been working with a number of medical and research specialists to coordinate and develop a cohesive and strategic electronic protocol suitable for safe, self-application and successful elimination of typical diabetic issues. The strategy strives to not simply minimize the progression of Diabetic afflictions, but to wherever possible, prevent further damage, reverse damage and maintain optimal health and wellness. While utilization of the electronics strategically targets known pathogens for elimination, emphasis is also placed on increased uptake and utilization of both dietary nutrients and specific supplements for needed detoxification, repair and restoration in a holistic manner. In the case of Type-II, this includes cleaning of insulin receptor sites to allow best utilization of what insulin is present. In the case of Type-I, the ultimate goal is to also restart insulin production and output of the pancreas.

## DIET

In making suggestions for what should be changed in a diabetic's diet it is important to keep two things in perspective. Humans are flawed beings, and habits are one of the hardest things to change about a person. That being said this section will not include elaborate details about food nutrition or drastic suggestions for what changes should be made to a diabetic's diet. What will be mentioned though are important recommendations for what should be changed in a diabetics' diet.

The first issue is what a diabetic eats. A typical diet in today's society is unfortunately full of simple carbohydrates, sugars, and high fat protein. It is easy to understand these types of food lack nutritional value. Indigenous diets of fresh fruits and vegetables, legumes, and whole grains are being replaced with processed, refined foods that have been stripped of their natural fiber and



nutrients. Simple carbs lack fiber<sup>1</sup>, and sugar and fats just add to the existing problem. The goal for changing from eating these types of foods is to REDUCE the amount eaten. Eat less fatty meats like beef or pork and eat more chicken and fish. Eat less grains, chips, breads and eat more vegetables and fruits. Reduce sugar consumption GRADUALLY and as much as possible. This means reducing intake of sodas, candies, ice creams, etc.

The second issue is how often a diabetic eats. Smaller and more frequent meals and healthy snacks most definitely help moderate the glucose level. Four or five small meals a day is ideal. Well-chosen snacks help curb hunger while adding the needed nutrition throughout the day.



This goes for everyone, but mainly Type I diabetics: STOP USING ARTIFICIAL SWEETENERS! Here's why. The pancreatic fluke parasite exist and lives in wood alcohol or **methanol**. The artificial sweetener aspartame is a methyl ester made from methane or **methanol**. So the replacement sweetener used to substitute for real sugar is PROMOTING your Type I diabetes! Here's an even scarier problem with the food supply – methanol pollution

pervades our food supply. It is found in processed foods including bottled water, artificial sweeteners, soda pop, baby formula and powdered drinks of all kinds including health food varieties. This means it is absolutely necessary to stop eating foods out of cans, package or bottle, and no processed foods. If you must use a sweetener for a food or drink use Stevia. It is a natural sweetener made from a plant.

Adding cinnamon may prove to be another sweetening solution. Preliminary research is suggesting that taking at least one gram of cinnamon a day may help maintain normal serum glucose (blood sugar) levels. Cellular research indicates that cinnamon contains a polyphenol (plant antioxidant) called methylhydroxy chalcone polymer (MHCP), which may also help activate the insulin receptors on your cells-so the glucose can go in.

## Dietary Chelation

It has been found that cilantro may accelerate the excretion of lead and aluminum deposits from the body. When patients regularly consume fresh cilantro or cilantro juice and then use antibiotics or natural antivirals such as the EPA and DHA in fish oil, the infections were permanently cleared.

## General Diet Recommendations for Diabetes Prevention

Preserve normal glucose metabolism and prevent type 2 diabetes by maintaining your optimal weight, exercising regularly, taking a high-potency multivitamin and mineral supplement, and eating an appropriate diet. Increase your intake of vegetables, fruits, legumes and whole grains; eat moderate amounts of lean protein from fish, poultry, tofu, and egg whites; limit yourself to only healthy monounsaturated and polyunsaturated fats such as flaxseed oil, olive oil, and raw nut butters, avoiding saturated and processed fats; stay away from refined carbohydrates and sugars; and go easy on starchy carbohydrates such as breads, potatoes, and refined grains.



<sup>1</sup> Fiber is a very important component in one's diet because it slows down and helps smooth out the absorption of sugars and starches (which become sugars) from the intestine. It also decreases fat absorption which aids insulin's effectiveness because fats block the action of insulin in the blood thus helping lower the high blood-glucose levels associated with diabetes. Vegetables and fruits have fiber as one of the main components. (This is why we are told growing up to eat your fruits and vegetables.)

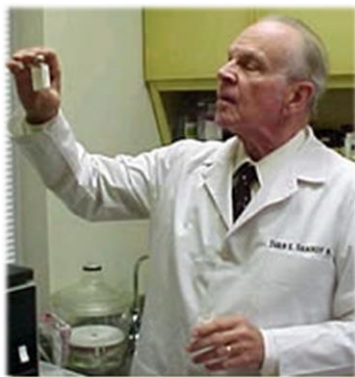


# SUPPLEMENTS

The point of this document is to cleanse your system so that you may be able to either produce insulin normally (Type I), and be able to receive insulin in cells (Type II). The supplements listed below may reduce insulin requirements in Type I diabetes and help protect against diabetic complications in both Type I and Type II. These should be taken throughout your treatment, and weaned off after having gained normal function of insulin production and uptake. Use as appropriate for your personal needs but note that many of these items may be available in a single quality multivitamin.

- ✓ High doses of Antioxidants
- ✓ Vanadyl sulfate (45-150 mg)
- ✓ Vitamin C (1,700 mg)
- ✓ Vitamin E (800 IU)
- ✓ Vitamin B6 (75-100 mg)
- ✓ Vitamin B12 (100-1,000 mcg)
- ✓ Biotin (B3) (300 mcg)
- ✓ B-complex Vitamins
- ✓ Magnesium (500 mg)
- ✓ Chromium (200-400 mcg) as Chromium Picolinate or Chromium Polynicotinate (400 mcg)
- ✓ Zinc
- ✓ Calcium
- ✓ Iron
- ✓ Lipoic Acid
- ✓ Evening Primrose Oil
- ✓ Gymnema sylvestre (400 mg)
- ✓ Banaba leaf (15 mg)

## ALOE EXTRACT - DEXTROL



Dr. Ivan Danhof Ph. D., M.D.

It should not come as a surprise some of Pulsed Technologies' private research has been with recognized leaders into delivery of unique and specialized natural/biotanical extracts and compounds. Considered "The Father of Aloe Vera", Dr. Ivan Danhof has long been recognized as one of the world's experts in the bioactive components in many organic compounds. We have been amazingly fortunate to work directly with Dr. Danhof on numerous research projects, and whole-heartedly endorse the excellent products that have come from his lifetime of research.

These particular extracts seem to function in multiple ways both as a cleanser of receptor sites and as a media to reduce inflammation

thus also helping initiate repair.

Both the, (400mg), Total Process Aloe Vera capsules and the one liter Aloe Vera Dextrol, (10,000 MPS), drink can be ideally obtained from your private alternative practitioner or in some cases directly from the Texas manufacturer, IED Limited, 972-262-1446.



## MILAGRO DE LA SELVA MDS FORTE

One of our newer associations, Dr. Alberto Ruiz of Guatemala has conducted systematic studies of the plants and herbs used medicinally by the Mayan Civilization, which grow in the Guatemalan rain forest that surrounds him. One of the facts that peaked his attention was that diabetes is an almost unknown disease among the indigenous people who populate the area today. After investigating this phenomena he discovered the natives drank a tea made by combining two unique herbs as part of their daily source of liquid. After deciding to research these herb in more depth, he discovered



that these herbs, when properly processed, combine synergistically to affect both the pancreas and the liver, repairing and stimulating their functions.

For the past twenty-five years, Dr. Ruiz has been protecting an extensive area of these rain forests, acting as volunteer caretaker for the unique, endangered flora and fauna found there. The tropical forests are a treasure trove of medicinal herbs, and Milagro de la Selva MDS Forte has been thoroughly researched by Dr. Ruiz in conjunction with the late Peter R. Rothschild MD, PhD, an eminent physician, scientist, and medical investigator. This marvelous product has been studied extensively by the University of Costa Rica, Connexios Life Sciences in Bangalore, India, and LaTour AC International Society of Gerontology, Clinical Services Division, Mexico. Currently, Dr. Ruiz is making arrangements with the Guatemalan government to have their assistance in the continuing preservation of this endangered area.

MDS Forte extract assists the body at the cellular level to break the insulin-resistance that has been developed as a result of over consumption of sugars, carbohydrates, and lack of proper exercise. The presence of fatty acids in the blood interferes with the intake of

glucose by the muscles and adipose tissues and thus indirectly results in an increase in the blood sugar level of the patient. Milagro de la Selva tea has been found to effectively increase the synthesis of triacylglycerol in the adipose (fatty) tissue thus reducing the level of fatty acids in the blood. It also stimulates the liver enzymes responsible for converting glucose into glycogen, and this action allows the liver to better administer the utilization of glucose by the body. It reduces the blood lipids, resulting in a reduction of total cholesterol, incrementing HDL (good cholesterol) and reducing LDL (bad cholesterol) as well as triglycerides levels. This action has shown great benefits in the prevention of arteriosclerosis.



*Note: Although most of the research conducted thus far has been with Type 2 Diabetes, many users have reported very good results with Type 1, as it reduces the insulin needs.*

There are three forms of Milagro de la Selva Tea extract available for purchase. More detailed information may be obtained on the manufacturer's website: <http://www.type2solution.com>

## Epithalon

A promising new tera peptid developed in Russia, strongly suggests it may be able to assist in the signaling processes instructing or controlling certain metabolic processes that have degraded or lost function. An area of Pulsed Technologies private research involves the electronic emulation of certain biologically active molecules and their messenger instruction signals with the intended goal to initiate the effects of these expensive and often very difficult to obtain molecules and compounds.

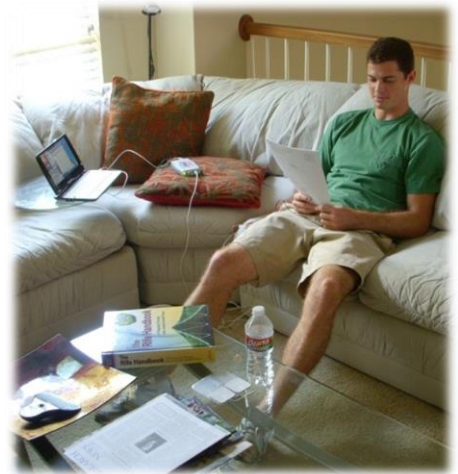




# EXERCISE PROGRAM



Couple the current American diet, which packs a wallop of calories, with the sedentary lifestyle many have adopted, and what do you get? The fattening of America! One-third of Americans are obese, and obesity, particularly in the abdominal area, is a well established risk factor for insulin resistance.



When you exercise, your muscles' energy requirements increase dramatically—they need ready access to glucose, which fuels the hungry muscle cells. Exercise appears to some degree to actually bypass the normal requirements for insulin. It increases the transport of glucose into the cells, not only while you are exercising, but for hours after. Thus it lowers blood glucose levels and also improves overall insulin sensitivity.

Exercise also helps normalize weight, which is perhaps the single most important precipitating factor in insulin resistance. To avoid developing diabetes, I recommend at least 30 minutes of vigorous physical exercise four or more days per week. You don't have to run marathons—just get active. Brisk walking is one of the easiest activities for beginners, but the most important thing is to choose something you enjoy and stick with it.

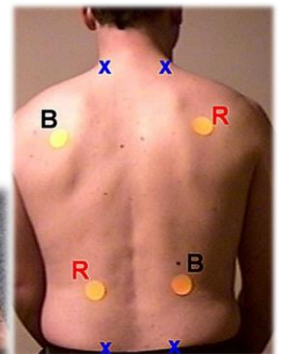


# ELECTRONIC PROTOCOL

This proprietary and experimental protocol is one of the most extensively researched evaluation protocols ever assembled by Pulsed Technologies Research to date. It is imperative that the user understand this protocol **SHOULD NOT BE UTILIZED CASSUALLY**, (such as occasional use in the practitioner's office), but rather approached from a committed **daily** perspective to prevent targeted pathogens from mutation.

This protocol has been specially designed to be optimally delivered via Bioenergetics and Pulsed Technologies' PFG2Z series device and the PFG Lab Software. (Contact output of the P3pro series devices can also be use.) These experimental sessions may be easily imported and adjusted for personal preferences and situations. The sessions include:

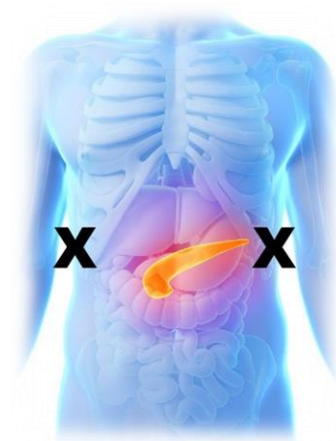
- ✓ Diabetes Type I PT2014 Preliminary Proprietary
- ✓ Diabetes Type II PT2014 Preliminary Proprietary
- ✓ Complete Detox PT2014
- ✓ Support HF





The general Organ Support, (Support HF – sample file included with PFG Lab Software), should also be run immediately after every session to help maximize clearing of debris from and of targeted pathogens.

Localized delivery to specific areas is easily possible using adhesive electrode pads strategically positioned so that the conductive pathway between the 2 pads pass directly through the target area of interest.



A suggested session schedule:

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Diabetes I Support	Diabetes II Detox Support*	Diabetes I Support	Diabetes II Detox Support*	Diabetes I Support	Diabetes II Detox Support*	-

\*optional but recommended

## iCS - Imprinted Colloidal Silver



Considering the partial pathogenic nature of Diabetes, the universal antibiotic nature of colloidal silver makes excellent sense. The addition of frequency imprinting provides an additional potentially effective way to specifically address and deliver frequency deep within tissues. Most PFG owners have this option available as a simple accessory.

## SUMMARY

Diabetes need NOT be the promised “sentence” of degraded health and health complications it has been of the past. With thoughtful lifestyle changes, dietary choices, and diligent utilization of available technology with natural supplementation, it should be possible to enjoy a healthy, vitality filled life without the complications normally associated with the normal Diabetic degeneration experience. We look forward to hearing about your success!

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