

**Total Alpha Lipoic Acid™ Nutritional Support For:
Diabetes, Liver Detoxification, Pancreas, Kidneys, Eyes, Capillaries, Skin, Infection, Sugar
Tolerance, and Insulin Sensitivity**

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5.5 million Americans are being treated for diabetes, and another 5 million are estimated to be undetected diabetics. Still another 20 million may have impaired sugar metabolism that can lead to diabetes. Diabetic complications have become the third leading cause of death in the U.S., and millions have become blind because of undiagnosed diabetic problems.

Complications include blindness, heart disease, stroke, nerve damage, kidney failure, gangrene, coma and death. Sugar, smoking, excess alcohol, a poor diet, obesity, and lack of exercise are major causes.

A low-fat, high-complex carbohydrate, high fiber, fresh fruit and vegetable diet helps lower insulin needs and normalize blood sugar levels. Exercise helps produce positive insulin-like effects. PABA, cysteine, massive amounts of B-1, B-3, and C can inactivate insulin.

Nutritional support can also help protect and rebuild healthy tissues and organs.

Lipoic Acid enhances sugar conversion for cell building and protection. In diabetes, cells starve from unconverted sugar, resulting in diabetic complications to tissues and organs. Lipoic Acid protects against capillary damage and cataract formation; recycles other antioxidants, C, E, and glutathione; protects against arterial plaque; helps neutralize toxins in alcohol, tobacco, and heavy metals; helps protect and detoxify the liver; improves insulin sensitivity; protects against diabetic complications of nerve damage. It protects against some viral infections. Viral causes are implicated in some cases of diabetes. Supplements help reduce nerve pain. (Note: In HIV infected individuals, doses up to 600mg have proven helpful in interrupting viral infection, but doses over 600mg may result in spontaneous skin bruising).

B-1 works with B-2 and B-3 to release energy from sugars. **Thiamine Pyrophosphate**, the enzymatic form of B-1, helps some people who can't convert B-1 into its active enzymatic form.

B-2 is needed to convert protein, fat, and sugars into energy. Restricted diabetic diets frequently result in B-2 deficiencies. **Riboflavin 5 Phosphate**, the enzymatic form of B-2, is included because some people have difficulty converting B-2 into its active enzymatic form.

B-6 helps prevent diabetes caused by pregnancy and birth-control pills. B-6 helps produce normal blood sugar levels. **Pyridoxal 5 Phosphate** helps improve sugar tolerance dramatically.

Small doses of **Niacin (B-3)** help people with diabetes. B-3 is necessary to release energy from sugars and works with B-1 and B-2.

Pantothenic Acid (B-5) deficiency can lead to hypoglycemia. B-5 helps maintain the nervous system and is necessary for the conversion of sugar and fat into energy.

Betaine HCL helps improve impaired digestion and absorption of nutrients in diabetes.

Magnesium helps prevent damage to the eyes, improve arterial health, sugar tolerance, and production of insulin in the elderly.

Zinc is essential for producing insulin, digesting proteins, has antiviral effects, and helps lower blood sugar levels.

Molybdenum helps convert sugar into energy and normalize blood sugar levels.

Selenium is needed to maintain a healthy pancreas, liver, heart, and immune system.

Manganese is necessary for a healthy pancreas and helps sugar build and repair healthy organs and tissues.

*References for all statements are available from Nutri-West, please call toll free 1-800-443-3333

Compliments of:

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