

Diabetes Vancouver

Diabetes Vancouver - Diabetes mellitus is normally referred to simply as diabetes. It is a group of metabolic disease in which a person suffers from high blood sugar. This can take place either because a body does not make a sufficient amount of insulin or because the cells in the body do not respond properly to the insulin which is made. High blood sugar produces classical signs of increased thirst, known as polydipsia, increased hunger, known as polyphagia and frequent urination, known as polyuria.

3 Main Types of Diabetes:

Type 1 Diabetes: This particular kind of diabetes comes from the body's failure to make any insulin. Hence, these individuals need insulin injections into their body. This type is also referred to as insulin-dependent diabetes mellitus or IDDM. It is also referred to as Juvenile Diabetes.

Type 2 Diabetes: This type of diabetes is caused by insulin resistance. In this particular condition, the cells fail to utilize insulin properly. At times, insulin resistance is combined with an absolute insulin deficiency. This particular type of diabetes is also called adult-onset diabetes and non-insulin dependent diabetes or NIDDM.

Gestational Diabetes: Gestational Diabetes happens when pregnant women who have not previously had diabetes, have a high blood glucose level during pregnancy. This particular type of diabetes can precede development for Type 2 Diabetes.

There are several other less common kinds of diabetes, comprising congenital diabetes, that is a result of genetic defects of insulin secretion, steroid diabetes induced by large doses of glucocorticoids, cystic fibrosis-related diabetes and several types of monogenic diabetes.

During 1921, insulin became obtainable as a form of treatment. There are likewise drugs available to treat type 2 diabetes. Both type 1 and type 2 are chronic conditions which are generally not cured. In type 1, pancreas transplants have been tried with limited success. In numerous patients with morbid obesity and type 2, gastric bypass surgical procedure has been successful. Usually, gestational diabetes resolves itself after the baby is born.

There could be complex problems if diabetics do not receive the correct treatments. Like for example, diabetic ketoacidosis, hypoglycaemia or nonketotic hyperosmolar comas are some of the acute health problems that can happen. Serious long-term health problems include: retinal damage, chronic renal failure and cardiovascular disease. It is important to implement lifestyle factors such as smoking cessation, blood pressure control and maintaining a healthy body weight, together with adequate treatment of diabetes to be able to maintain an acceptable quality of life.

Statistics of 2000 reported around 171 million people all over the world have diabetes, or 2.8% of the population. By far, type 2 diabetes is the most common. This kind affects up to 95 percent of the population within the United States.

Symptoms and Signs

Frequent urination or polyuria, polyphagia or increased hunger and polydipsia or increased thirst are the most common and easily recognized symptoms of diabetes. Normally, indications develop rapidly in weeks or months with type 1 diabetes, while in type 2, they normally develop much slower and can be absent or extremely subtle.

Changes may occur in vision as the lenses in the eyes may change shape from elevated high blood glucose levels causing glucose absorption. The sensible and sustained control of glucose would usually return the lens to its original shape. Usually, blurred vision is amongst the complaints leading to diagnosis of type 1 diabetes and should be suspected in cases of rapid vision change. Type 2 diabetics generally have more gradual changes in their vision.

Type 1 can likewise present with Kussmaul breathing, abdominal pain, altered states of consciousness, vomiting and diabetic ketoacidosis. In type 2 diabetes a severe possibility due to the result of dehydration is hyperosmolar nonketotic state in which the patient has been drinking large amount of sugar containing drinks like pop. This can lead to a vicious circle in regard to the water loss.