



# The Brave Kids Canada

## **What is Type 1 or Juvenile Diabetes?** [\(A simplified explanation\)](#)

A healthy pancreas produces insulin, a hormone that the body uses to change glucose in the blood into energy. Glucose in the blood comes from the food and drink a person consumes. A person with type 1 diabetes doesn't produce any insulin. Without insulin, the glucose builds up in the blood, causing high blood sugar, or hyperglycemia. Type 1 diabetes often develops in children, adolescents, and young adults, so it's called as **"Juvenile diabetes."**

### **Insulin Needs**

Since people with type 1 diabetes can't produce their own insulin, they must put insulin into the blood stream through injections or an insulin pump. If people with type 1 diabetes inject too much insulin (or eat too little) they may have a hypoglycemic reaction. Hypoglycemia (low blood sugar) is the most common problem in children with diabetes. It can be very serious and requires immediate action.

### **Risk of Complications**

High blood sugar levels over a number of years can cause serious damage to the body's organ systems. This damage may cause complications affecting the heart, nerves, kidneys, eyes, and other parts of the body. A number of studies, however, have proven that careful monitoring and control of blood sugar levels greatly reduces the threat of these complications.

### **Reality & Imagination.**

Imagine a pain level of one vaccine shot or a small needle penetrating in human body for fraction of a second & now compare this with the factual real pain, when THE BRAVE KIDS (ages from 6 months to teen ) with type 1 Diabetes must puncher their small fingers and arms with needle 4160 times a year (10 times a day) for blood glucose level test & to inject insulin in body (Fingers, thighs, tummy & other parts of body) parents have to perform all this themselves or monitor all life before their own eyes. Through joint efforts of our members & with the help of our supporters / sponsors we try to share this pain and make life joyful for THE BRAVE KIDS to forget about all above pain to live normal & better quality of life.

### **Families in Canada & around the world need more awareness & support!**

Diabetes in children usually is a surprise for parents and they don't know how & why it happened. This is a very serious and dangerous illness if not controlled. There is no cure for this so far. Control & care is the only way to avoid possible future complications. Keeping all above factors a side, this is also a fact that treatment of this illness like many other serious illnesses is not cheap. It is very expensive. According to our own practical study (2009 to 2011, in Ontario) an average cost to treat and control this illness at minimum level is estimated to \$ 500 per month .Cost includes Insulin, syringes, testing supplies only. (Special food, personal care, doctor/hospital visits, periodic test/blood work, emergency and complicated related treatments and other expenses not included)

***Join to help brave kids & families in Canada via education, counseling, recreational & support programs.***

Canadian charity formed by parents of brave kids & we will fight this.

**Juvenile Diabetes Care, Control & Cure Inc.**

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**[www.jdcci.org](http://www.jdcci.org) – 1-877-499-2473**

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