

Diabetes—What's New?

Many research studies, including the Comprehensive Diabetes Control and Complications Trial (DCCT) have shown how important it is to keep blood sugars as normal as possible. For good control, a person with diabetes needs to match the amount of insulin required with the amount actually delivered by injections or a pump.

Insulin pumps have been around since the 1970's, as scientists and physicians looked for a way to copy the world's best blood sugar control device: a healthy pancreas.

The insulin pump copies the human pancreas by releasing small amounts of fast-acting insulin every few minutes. This is called basal insulin. Then when food is eaten, the user programs the pump to deliver a larger amount of insulin more quickly. This is called bolus insulin.

This insulin pump is indicated for adults and children with type 1 and type 2 diabetes who require insulin.

Benefits of insulin pump therapy:

- ◆ Better blood sugar control with less risk of going low
- ◆ More flexible lifestyle
- ◆ Convenience
- ◆ Freedom from multiple daily injections
- ◆ The ability to exercise without losing control
- ◆ Reduces the risk of long-term complications

EXCITING NEW TECHNOLOGY...

New to insulin pump therapy is the MiniMed Paradigm REAL-Time System. This is the world's first system that integrates an insulin pump with REAL-Time continuous glucose monitoring.

The first part of the system is the REAL-Time insulin pump. The second part is the monitoring component which offers REAL-Time glucose readings every five minutes, safety alarms, and trends in your blood sugars.

With today's technology, patients can feel better, have more energy and more freedom. June 29th from 6:30-8:00 p.m. at Myrtue Medical Center's Auble Room, there will be a two-part program about insulin pumps. Learn more about the REAL-Time insulin pump and an Advanced Feature Program for people already on insulin pumps. We will be discussing setting temporary basal rates, dual and square wave bolus.

Anyone who already uses an insulin pump or those wanting information about pumps are invited to attend. For questions, or to register for the June 29th program, please RSVP to Jan Hastert at 755-4398.