

THE WESTERN CANADIAN INSULIN PUMP CENTRE SUMMER NEWSLETTER



**WESTERN CANADIAN
INSULIN PUMP CENTRES**

WHAT'S NEW

The Western Canadian Insulin Pump Centre will miss a staff member, Adel Mazanderani who will go on to continue his studies. Adel began working with us in August 2008 and has been successful in initiating and completing clinical trials. He has published 5 articles and attended two major conferences, International Diabetes Federation Congress in Montreal and the American Diabetes Association in Orlando, Florida.



Dr. Hugh Tildesley and Adel standing in front of poster presented at the IDF Congress in Montreal

June 2010

Highlights:

- What's new at WCIPC
- Research highlights
- Upcoming follow-up dates
- Internet Blood Glucose Monitoring

Adel was also involved with the Canadian Diabetes Association where he volunteered to give presentation about diabetes to the general public and kids at schools. He will be replaced by Jeremy Chan, who is a positive addition to our knowledgeable staff.



Jeremy Chan and Adel Mazanderani

RESEARCH HIGHLIGHTS

1. The results of a large study comparing the efficacy of the Sensor-Augmented Insulin Pump Therapy versus Multiple Daily Injections (MDI) for A1C reduction in type 1 diabetes subjects was published on June 29, 2010. The results showed a significant improvement in the glucose control of patients randomized to

the Sensor-Augmented Insulin pump therapy compared to those on Multiple Daily Injections of insulin. The results showed an improvement in the overall long-term blood glucose levels but also on the short-term blood glucose levels, as measured by the percent of the time subjects had very low blood sugar levels (hypoglycemia) or very high blood sugar levels (hyperglycemia). In addition, the study showed a positive relationship between the frequency of sensor use and the improvement in blood glucose levels. This study shows that the use of Sensors could improve glycemic control for patients with type 1 diabetes without an associated increase in hypoglycemia.

2. Our research on the Efficacy of the Internet Blood Glucose Monitoring was presented during a poster presentation session and audio tour at the American Diabetes Association's annual meeting. The meeting took place in Orlando, Florida on June 24-29, 2010. The research article will be published in the August issue of the prestigious journal of *Diabetes Care*.

FOLLOW-UP PROGRAMS

The clinic offers a structured follow-up program for patients on an insulin pump. For more information please visit our web site.



Our upcoming follow-up dates are:

- July 9, 2010
- Sept 10, 2010
- November 19, 2010
- December 17, 2010

Please call us at 604-684-2025 to book your appointment.

INTERNET BLOOD GLUCOSE MONITORING

Our Internet Blood Glucose Monitoring service allows for ongoing contact with the doctor through the Internet. There is now a new USB Meter (Bayer Contour) which allows for both testing of blood glucose and the upload of meter data onto the computer, PC or Mac. This USB meter comes with a driver and software required for transfer of blood glucose readings and allows users to make a PDF file that can be sent through the web.

If you are interested in learning more about the new USB Contour Meter or our Internet Blood Glucose Monitoring Service, please visit our web site, email or give us a call.

To view the brochure for our Internet Blood Glucose Monitoring Service, please go to:

<http://insulinpumpcentre.com/downloads/FLYER-WCIPC.pdf>

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