

Monday, 14 September 2009

MEDIA ALERT: NEW INTRAVENOUS INSULIN THERAPY HIGHLIGHTED AHEAD OF DIABETES BUZZ DAY (SEPTEMBER 18, 2009)

World pioneer in Pulsatile Intravenous Insulin Therapy, Dr. Robin Willcourt, is highlighting the new therapy as a treatment option for Diabetics ahead of Diabetes Buzz Day on Friday September 18 2009.

Pulsatile Intravenous Insulin Therapy involves the intravenous injection of insulin in pulses, administered by a bionica pump. Normally, the therapy would be administered in a weekly six hour session on an outpatient basis. In non-Diabetic people, the pancreas will secrete variable amounts of insulin based on the amount of food consumed. Pulsatile Intravenous Insulin Therapy mimics this variable release of insulin.

Dr. Willcourt has called for the therapy to be offered in Australia as a treatment option for Diabetes patients – with the potential to slash Australian healthcare costs significantly.

“More than 1.5 million Australian have Diabetes and their care is usually a combination of diet, medication and insulin where necessary,” said Willcourt.

“However, many studies have now shown that Pulsatile Intravenous Insulin Therapy can slow, stop and even reverse the complications associated with diabetes. Offering this therapy could save the Australian health care system millions of dollars and revolutionise care for Diabetics.”

Dr. Willcourt stressed the urgency to introduce the new therapy in Australia now to help turn around Australia’s alarming statistics.

“By 2012, it is estimated that more than 4 million Australian will have diabetes. We must introduce these therapies now to ensure world best practice for Australians with Diabetes.

Australian-born, Dr Willcourt will speak at the 2009 AustralAsian Academy of Anti-Ageing Medicine Conference in Melbourne on October 3 & 4. His Australian lecture will educate health professionals on how to implement Interventional Nutrition plans to help patients beat chronic disease.

“Up to 70% of all chronic diseases are caused by disturbances to our internal cycles and particularly to poor nutrition,” Dr. Willcourt continued.

“Interventional Nutrition – using food to interrupt the disease cycle - is one of cornerstones to wellness. Advanced nutritional programs like this can help to prevent, minimise and reverse complications from Diabetes and other chronic diseases.”

Dr. Willcourt will be a guest speaker at the 2009 AustralAsian Academy of Anti-Ageing Medicine Conference in Melbourne on October 3 & 4.

Friday 18 September is Diabetes Buzz Day- Diabetes Australia-NSW's biggest annual event. To donate to Diabetes Buzz Day call Diabetes Australia on 1300 136 588 or visit www.buzzday.com.au.

Background

Dr. Thomas Aoki, former Head of Metabolism Research at the [Joslin Diabetes Center](#) in Boston, Massachusetts, and a current Professor of Medicine at the University of California, was the pioneer of using pulsatile insulin in the treatment of diabetes.

Dr. Aoki's work focused on the role of liver dysfunction in diabetic metabolism.

He theorized that end organ damage in diabetes is caused by abnormal hepatic glucose metabolism, inadequate insulin delivery, and insulin resistance.

Dr Willcourt has continued Dr. Aoki's work and collaborated on numerous research studies.

It has now been clinically proven that if hepatic activation was achieved and maintained in patients with diabetes through treatment with pulsatile insulin, that the frequency of hypoglycemic reactions should decrease.

Multiple clinical trials have shown pulsatile insulin, also known as Cellular Activation Therapy is effective in the treatment of patients with significant secondary complications of diabetes.

Research Abstract:

[Pulsatile intravenous insulin therapy: the best practice to reverse diabetes complications?](#)

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[Research Support, Non-U.S. Gov't](#)

PMID: 19446964 [PubMed - in process]

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