

PHYSICIAN DIRECTED PHYSIOLOGIC INSULIN RESENSITIZATION

Precision Infusion:
Insulin as a
"Hormone"
vs. a
"Drug"



Treats:
Metabolism,
Inflammation,
Cellular Wellness



5

**University
Collaborations**



**Multi-Patented
Adjunct Modality:**
Causation Focused

74

Provider Licenses
(Domestic and
International)



TORCH MEMBER
CCMC HOSPITAL

Outcomes - Patient Reported*

76%

Improvement in **at Least**
One Diabetic
Complication



63%

Reported HbA1c
Reduction



41%

Reduced Need for
at Least One Medication



95%

Elimination or
Significant Improvement
in Neuropathy



"We have seen
improvements in
neuropathy, retinopathy,
and Parkinson's symptoms,
among others, and we've
helped patients with
diabetes to avoid dialysis."

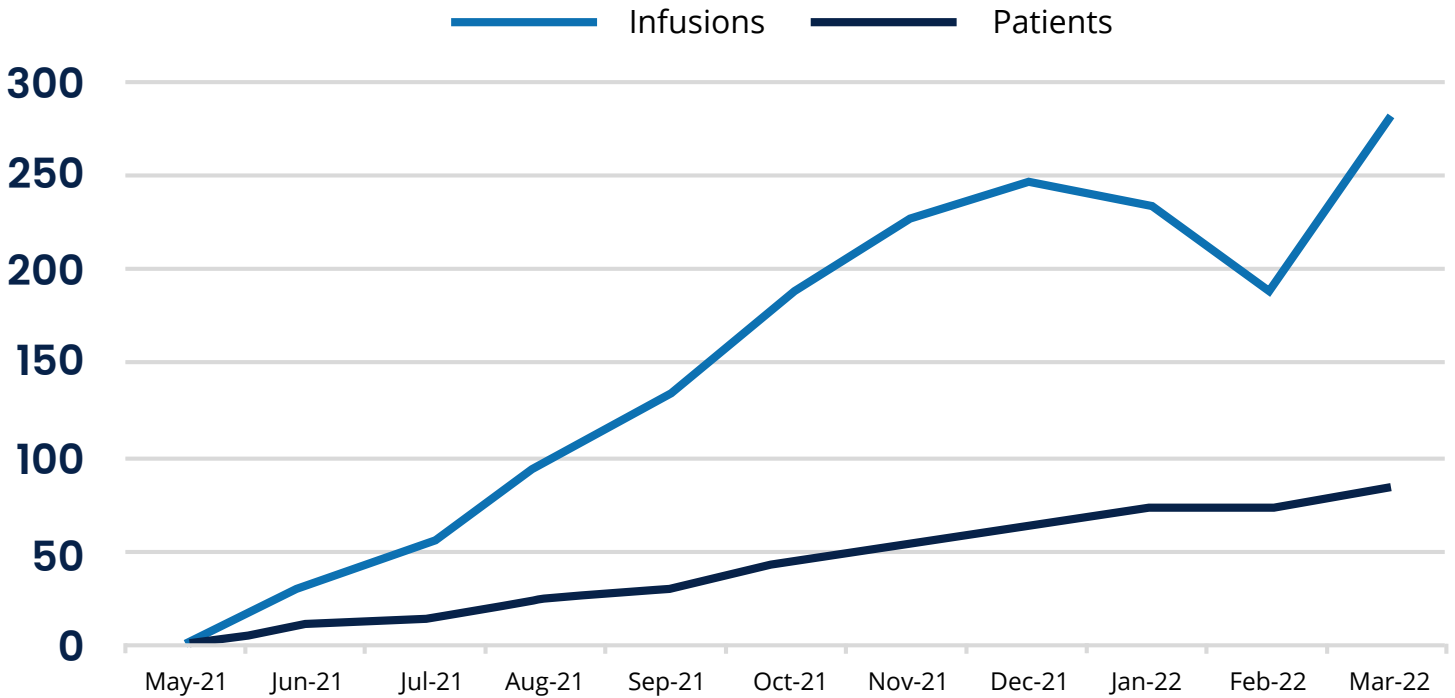
Dr. L. G. Troxell - Chief Executive Officer



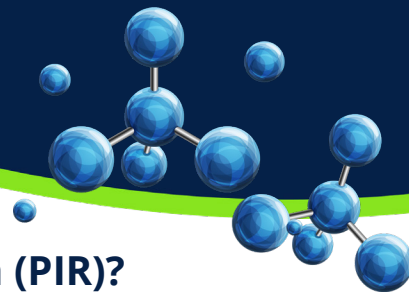
GROWTH



Infusions and Patients



* Data from the Schull Institute - Insulin Infusion Therapy on Diabetic Complications (Oct 27, 2015)



What Is Physiologic Insulin Resensitization (PIR)?

Physician Directed - Physiologic Insulin Resensitization (PIR) is a multi-patented treatment modality that provides clinicians with a unique and groundbreaking approach where insulin is administered dynamically as a hormone rather than a drug. IV access is connected to a precision infusion pump programmed to deliver insulin in a way that simulates normal glucose metabolism. Blood sugar can now more readily enter each cell and be converted into energy. This addresses Insulin Resistance, which is the primary cause of Diabetes, Obesity, and other Metabolic Disorders. Increased cellular energy allows damaged tissues and organs to grow, repair, and regenerate.

Patients consistently report and studies have shown:

- Significant neuropathy improvement
- Material improvements in chronic kidney disease
- Medication reductions and eliminations
- Measurable wound healing efficiency
- Overall energy and quality of life improvements

HORMONE

VS

DRUG

Communication Signaling

- The infusion pump's patented program enables clinicians to deliver insulin precisely in a way that simulates a normal glucose metabolism.
- The result: blood sugar is used for immediate energy and not stored as fat. (If fat is used for energy, it causes inflammation.)

This modality is unique because it uses insulin as a hormone (communication signaling) rather than a drug (symptom suppression). The treatment includes an intravenous precision administration of FDA-approved fast-acting insulin using an FDA-approved portable pump.

Symptom Suppression


- Insulin has been used as a "drug" since 1922 to suppress symptoms of high blood sugar.
- **The result:** Insulin Resistance. (Insulin receptors fail under constant bombardment of insulin).





Mechanism of Action

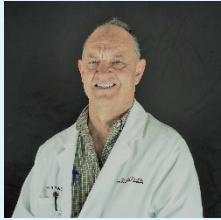
- This treatment modality is designed to reduce insulin resistance, which is the primary cause of type 2 diabetes and many other metabolic disorders.
- With improved insulin sensitivity at the insulin receptor level, glucose can more readily enter cells and be converted into adenosine triphosphate, also known as ATP -- a molecule that carries energy within cells.
- Through increasing cellular energy, the protocol is designed to repair and regenerate the body's cells, peripherally at first, and then through repeated treatment sessions, the cellular restoration progresses to the organ level, which helps the body naturally return to more normal physiologic behavior.
- Thus, the treatment has not only stabilized but in many instances has reversed complications of diabetes and other metabolic disorders.



Restoring, Repairing, Regenerating, but Not a Cure

Unfortunately, metabolic disorders are chronic diseases; therefore, there is no cure. If patients discontinue their Care Plan, all improvements experienced through this treatment modality will likely wane over time.

Diabetes Relief— Getting Your Life Back



Dwayne C. Miller, MD
Medical Director

Approximately 100 million Americans are living with diabetes or prediabetes. Diabetes is a metabolic disease that affects the way insulin is produced and used to control blood sugar levels. Over time, the body loses its ability to produce enough insulin to maintain a normal, healthy level, which can eventually lead to heart disease, kidney disease, nerve and small blood vessel damage, and stroke if left untreated.

What is Diabetes Relief?

Diabetes Relief is a physician directed physiologic insulin resensitization (PIR) program that treats the root cause of diabetes, which is metabolic failure. Patients work with a specialized team to create an individualized care plan based on their diabetic symptoms, medical history, and metabolism to determine the ideal treatment plan. The goal of this type of therapy program is to reduce insulin resistance,

and counter the complications of diabetes by improving carbohydrate metabolism, which can ultimately help patients find long-term relief from years of living with diabetes.

Diabetic Relief Process:

- Initial consultation to review medical history, diabetic symptoms, and metabolism
- Creation of a personalized care plan
- Diagnostic testing to identify any hormone imbalance that may contribute to metabolic failure
- Infusion of small amounts of insulin to retrain the liver to respond efficiently to meals
- Customized weight management program

Potential benefits:

- Improved energy levels
- Reduced need for medications
- Reduced nerve pain
- Faster wound healing
- Weight controlled
- Blood sugar controlled
- Reduced blood pressure
- Improved mood and sleep habits
- Improved hair and nail growth

**To learn more, call Comanche County
Medical Center at 325-330-5010**