## Information

#### FAQ:

- 1. Why is this product unique? The Silver-Thera Stocking is the first garment electrode delivering energy to the whole lower limb. The Micro-Z Mini is a micro-current DC stimulator that deliver energy deep into the tissue where previously you would need to visit a doctor/clinic to receive this therapy. Now for the first time, this DC stimulation is now available for home use. In addition, the Silver-Thera Stocking can be used for night-time treatment, while the body is in an natural state of healing.
- What is the cost? Medicare and other Insurance companies will reimburse for electrical stimulation devices and conductive garment/s as specified by CMS/Insurance guidelines.
- 3. When should I see results? Your results may vary, depending on length of condition and compliance. However, you will usually begin to see benefit within the first week, assuming daily and nightly use.
- 4. How do I clean it? Either hand wash or put it on the delicate cycle of your washing machine, but never in your dryer. Based on your use, wash it several times a week.
- 5. Will I feel the current? Usually not, but you may feel it in the hand. Actually, below sensory stimulation is best for the most optimum effect to the body. Too much stimulation overwhelms the cells and body response to this therapy. Increase the stimulation until you feel light sensory stimulation, then decrease it to below sensory. If you want to feel the current hold it in your hands by touching the two conductive regions.
- 6. Why the Conductive Cream or Spray? It is conductive which prepares the skin to be electricity loving, so that the energy travels into the skin from the garment electrodes uniformly over the treatment area.
- Is this like a TENS device? It is a TENS device, but it is different in that it is a DC current that delivers stimulation in the micro amperage range instead AC current which doses in the milliamp range.

#### **Contact Info:**

Micro-Z Mini™ has copyrighted software

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FDA registered



# Intelligent Textiles

## for Medicine

## Diabetic Foot Disease

**Increase Micro-Circulation for:** 

- Pain Relief
- Rapid Wound Healing
  - Edema Reduction



Silver-Thera<sup>™</sup>
Stocking Electrode
& Micro-Z Mini<sup>™</sup>

#### **Chronic Foot Pain**

### What is Diabetic Neuropathy?

Diabetic neuropathy is a type of nerve damage that can occur if you have diabetes. High blood sugar can injure nerve fibers throughout your body, but diabetic neuropathy most often damages nerves in your legs and feet. These conditions are thought to result from diabetic microvascular injury involving small blood vessels that supply nerves in addition to macrovascular conditions that can culminate in diabetic neuropathy.

Depending on the affected nerves, symptoms of diabetic neuropathy can range from pain and numbness in your extremities to problems with your digestive system, urinary tract, blood vessels and heart. For some people, these symptoms are mild; for others, diabetic neuropathy can be painful, disabling and even fatal. Because of poor blood flow, the symptoms of muscle disuse atrophy in your legs may be present, destabilizing the way you walk, which could lead to a fall.

Diabetic neuropathy is a common and potentially serious complication of diabetes. Yet, you can often prevent diabetic neuropathy or slow its progress with tight blood sugar control and a healthy lifestyle.

### Proper foot care is important!

Diabetes can be dangerous to your feet – even a small cut can produce serious consequences. Diabetes may cause nerve damage that takes away the feeling in your feet. Diabetes may also reduce blood flow to the feet, making it harder to heal an injury or resist infection. Because of these problems, you may not notice a foreign object in your shoe. As a result you could develop a blister or a sore. This could lead to an infection or a nonhealing wound that could put you at risk for an amputation. You should examine your feet daily, wear proper diabetic shoe gear and have routine foot exams by a physician.

### **Drug Free Pain Relief**



# The Micro-Z Mini™ and Intelligent Textiles for Medicine®

This Daytime and Nocturnal therapy promotes microcirculation which in turn relieves pain.

The innovative Silver-Thera<sup>™</sup> Stocking is a knitted garment electrode made up of highly conductive silver fibers which conducts energy (electrotherapy) to the foot and leg.

Energy is delivered into the tissue, through the Silver-Thera™ Stocking, by the Micro-Z Mini.™ This therapy promotes micro-circulation by introducing a very small electrical DC charge of energy into the cells, tissue and vessels, which in turn assists in the movement of blood flow. By applying a DC current to the treatment area, you can reduce edema, and increase cellular and vascular permeability.

The Silver-Thera<sup>™</sup> Stocking is soft and comfortable to wear. It is very durable and is washable! For optimum results, the Silver-Thera<sup>™</sup> Stocking should be worn daily while reading, watching TV, and even while sleeping to help relieve pain and get a better night's rest.



### Painful Diabetic Neuropathy Study

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Notice the Dramatic Pain Relief