




SIGVARIS

DIABETIC COMPRESSION SOCKS

DIABETIC COMPRESSION SOCKS are compression stockings which have been specifically developed for diabetes patients suffering from lower extremity edema.

Unlike all other diabetic socks on the market, SIGVARIS DIABETIC COMPRESSION SOCKS use graduated compression proven to increase circulation while also offering all the features that patients with diabetes need to care for their legs and feet.

DIABETIC COMPRESSION SOCKS are constructed with patented yarns to wick away moisture. A seamless toe design minimizes irritation and a unique stretchable top band further enhances wearing comfort.

The advantages of this product are:

- Light compression (18-25 mmHg)
- The foot piece is soft padded without compression
- The intoe is without any uncomfortable seam

Circumference cm



| S | M | L | XL* |
|---------|-----------|---------|-------|
| 27-33 | 31-39 | 35-45 | 41-51 |
| 18-21.5 | 21.5-25.5 | 25.5-29 | 29-36 |

Length cm



| long |
|-------|
| > 41 |
| short |
| ≤ 41 |

* Size XL only available as men's stockings. All remaining sizes are available for female and male stockings.

SIGVARIS MEDICAL

Two new studies of SIGVARIS DIABETIC COMPRESSION SOCKS proved them safe and effective for lower extremities edema in patients with diabetes.

In two separate studies with a total of 98 patients, SIGVARIS DIABETIC COMPRESSION SOCKS were shown to reduce lower extremity edema in diabetes patients without compromising vascularity.

The first study was a proof of concept study conducted by Dr. Stephanie C. Wu DPM, M.S. and Charles A. Andersen, MD et al. 18 subjects

with diabetes and LE edema, with a mean ankle-brachial index (ABI) of 1.10 ± 0.21 .

Results from the pilot study: all subjects showed decreased swelling by wearing the SIGVARIS DIABETIC COMPRESSION SOCKS without compromising vascularity.

Control of lower extremity edema in persons with diabetes with mild compression diabetic socks: a pilot study.

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Figure 1. Circumference

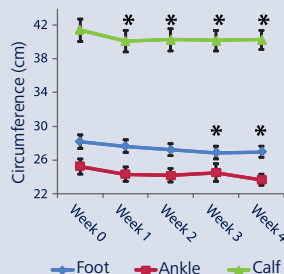


Figure 2. Change in Circumference (%)

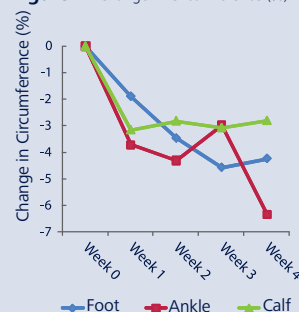


Figure 3. Change in cutaneous edema MoistureMeter values

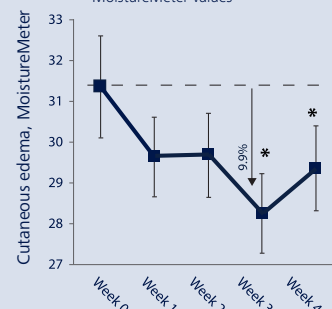
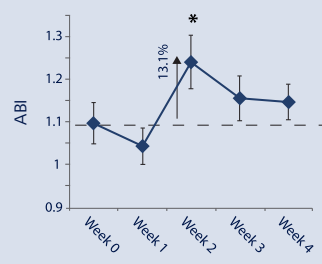


Figure 4. Change in ABI



A second study to validate the initial results was conducted by Dr. Stephanie Wu, D.P.M. and Charles A. Andersen, M.D. et al and the abstract was presented in June, 2015 at the American Diabetes Association Scientific Sessions, with plans to be submitted for publication in a peer-reviewed diabetic medical journal. This was a double-blind study with 80 subjects (77 completing the entire protocol) randomized into 2 treatment arms: the SIGVARIS DIABETIC COMPRESSION SOCKS (18-25mmHG) and non-

compression knee high diabetic socks. Both the subjects and the investigators were blinded to the type of socks randomized.

Results from the second study: Subjects randomized to the SIGVARIS DIABETIC COMPRESSION SOCKS clearly demonstrated a decrease in lower extremity edema, showing significant decreases in calf and ankle circumferences. Vascularity was not compromised in either group.

The Study Concluded:

"Based on the results of this pilot study, using diabetic compression socks may help decrease swelling in diabetic patients with lower extremity edema without compromising lower extremity vascularity."

Conclusion: The original pilot study and the larger follow-up double blinded, randomized controlled study, suggest SIGVARIS DIABETIC COMPRESSION SOCKS are safe and effective for diabetic patients with lower extremity edema.