

ADVANCE Armsleeve

A Collaboration Between Clinicians and Patients

A database of 252 patients was analyzed to determine how a 'real life' population of patients would fit into standard armsleeve measurements. A total of 1,800 measurements were reviewed. Based on this measurement study, it was determined that a significant portion of the population fits comfortably into the ADVANCE Armsleeve sizing. As a result, the need for custom garments is greatly reduced.



ADVANCE: Meets Comfort and Efficacy Standards

Patients determined that the ADVANCE Armsleeve was better than their original garment in most parameters, but because the armsleeve felt soft and comfortable, some patients questioned the compression level. Limb volume measurements proved an average decrease of 27.1% in limb volume confirming the medical efficacy of ADVANCE.

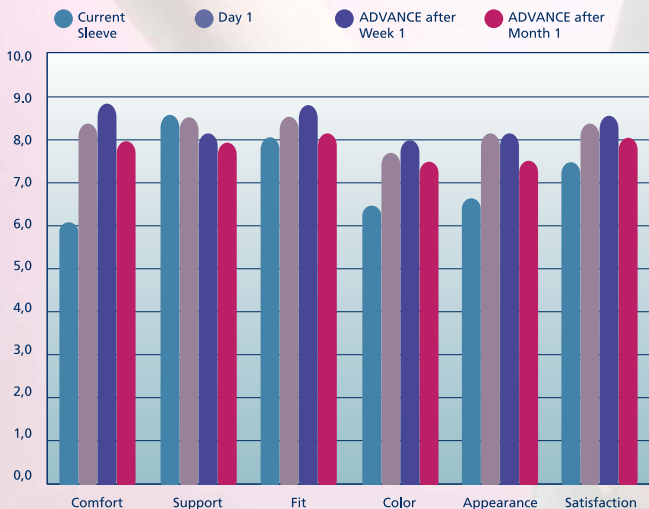


Figure 1. Patient evaluation of the armsleeve.
Source: *Journal of Lymphoedema*, 2010, Vol 5. No 2

The Lymphatic System

The lymphatic system is highly complex and, when functioning, moves approximately three liters of fluid throughout the body every day. This is done through a channel of vessels as part of the blood flow's cleaning and filtering system. This system may become compromised due to treatments for cancer, surgery, injury, trauma and other causes. When this system is compromised, an accumulation of lymph fluid develops in the soft tissues and swelling occurs. This is known as *Lymphedema*.

Symptoms of Arm Lymphedema

- Swelling in the arm (including the fingers)
- Heaviness or tightness in the limb
- Restriction in the range of motion
- Thick or hardened skin

The Use of Compression as Part of Therapy

When lymphedema presents, excess fluid builds in the arm. This buildup of fluid is known as edema (sometimes called congestion). There are a number of ways to decongest this fluid build-up, including a massage technique known as Manual Lymph Drainage (MLD), the use of intermittent pneumatic compression pumps, wrapping with short stretch bandages and/or wearing a graduated compression garment. Once the limb has been reduced of fluid build-up, wearing the SIGVARIS ADVANCE Armsleeve is recommended to maintain the reduction.

Compression not only improves circulation, but also aids in the upward flow of the lymphatic and venous system. This blood flow is recirculating back toward your lungs and heart causing your system to function as it did prior to having lymphedema.

Be Proactive

- Prevent infection and keep the skin moist (avoid needle sticks, use antibacterial ointment)
- Avoid blocking fluid flow (wear loose fitting clothing, avoid a blood pressure cuff, don't carry heavy objects)
- Develop an exercise program with consult from a therapist (light, aerobic exercise is recommended)
- Avoid heat/sun or ice directly (may cause vasodilation)
- Keep blood flow from pooling (avoid sleeping on a bent arm)
- Wear a properly fitted SIGVARIS graduated compression garment during stress activities and air travel.



**Introducing an armsleeve
that's as comfortable
as it is effective**

SIGVARIS

ADVANCE

SIGVARIS ADVANCE Armsleeve

The ADVANCE Armsleeve was developed by SIGVARIS with the help of patients and clinicians to create a garment that meets medical efficacy standards and exceeds expectations. Compression garments have long been used in the treatment of lymphedema, but in the past, patients struggled with compliance due to lack of comfort and improper fit.

With comfort in mind...

The SIGVARIS Research and Development team has created a new product that ensures compliance and patient comfort. In fact, it's already been very well received in other countries around the world. The ADVANCE Armsleeve combines the latest fabric technologies with a breathable top band for enhanced comfort making it a leading treatment choice for patients with lymphedema worldwide.

Features & Benefits:

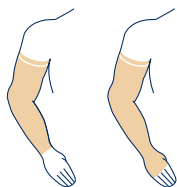
- Constructed with a polyamide microfiber for extreme softness and anti-bacterial properties
- Thermal control for year round wear and comfort
- Embedded silver ions aid skin hygiene
- Wicks away moisture
- New generation Sensinnov® grip-top helps prevent friction on sensitive or fragile skin of the upper arm
- 15–20mmHg & 20–30mmHg graduated compression (30–40mmHg available in 2013)
- Two lengths per size



ADVANCE ARMSLEEVE

Available with and
without a gauntlet
(20–30mmHg only)

15–20mmHg only
available without
gauntlet



Both styles feature a comfortable
SensinnoV grip-top



SIGVARIS offers additional graduated compression products for lymphedema and venous disease. For more information, please see sigvarisus.com or the SIGVARIS Product Catalog.