

JOBST® Elvarex®

Custom-made
garments for the
management of
Lymphedema

Quick Reference Brochure



physician recommended

JOBST®

Comfort, Health and Style!

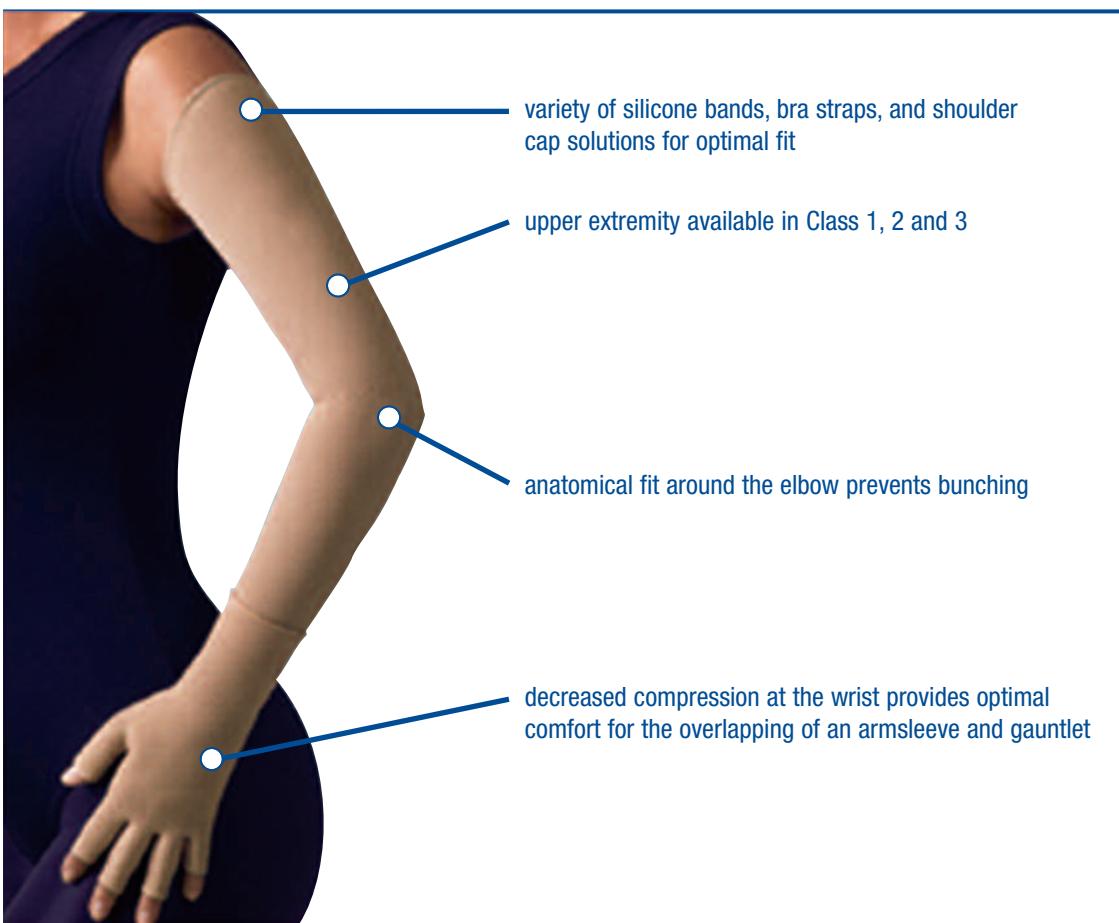
JOBST® Elvarex®

Custom Made Garments

Elvarex® features and benefits:

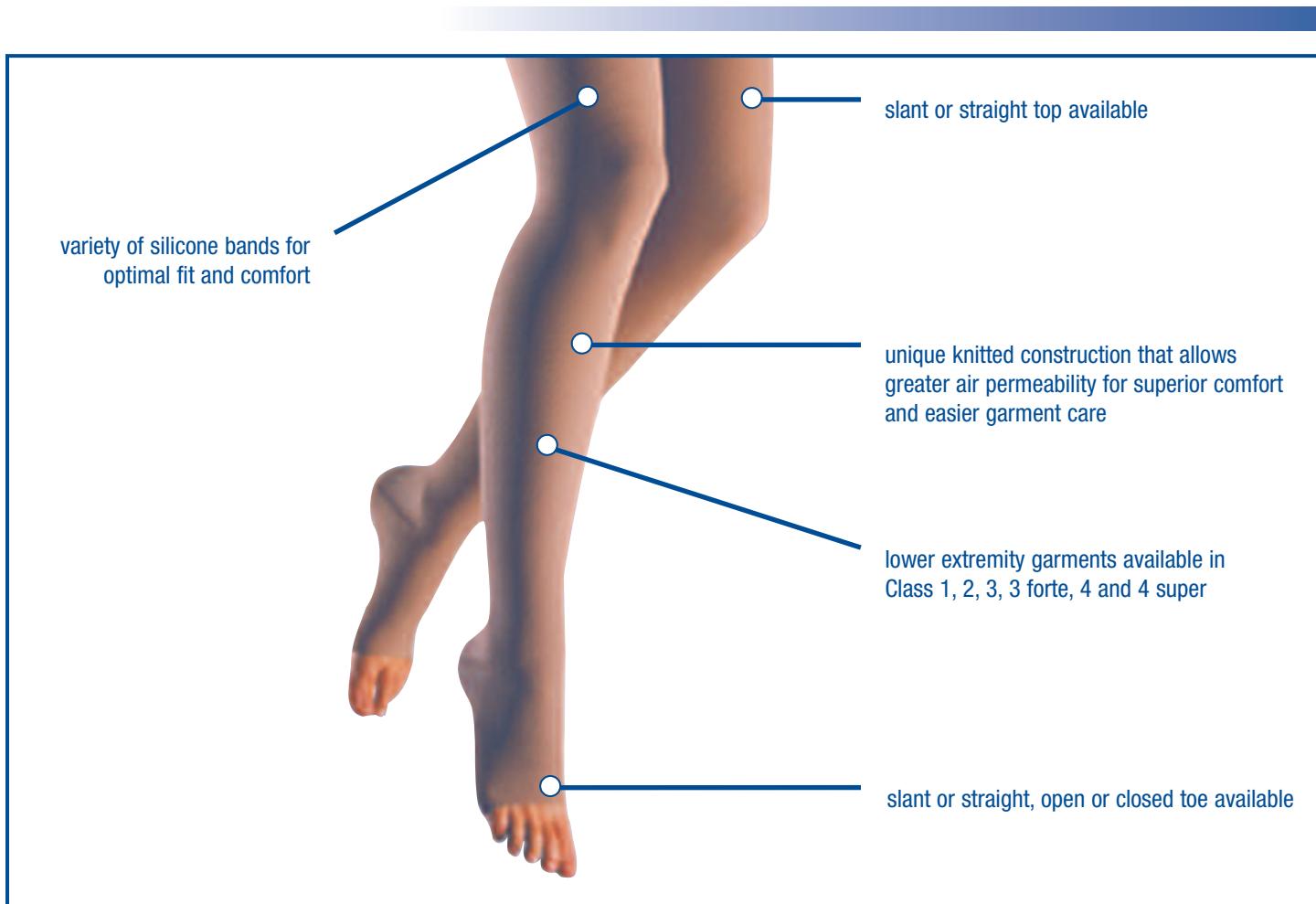
JOBST® Elvarex® helps maintain the reduced volume and shape of the limb. These garments help inhibit further fluid accumulation and help assure therapeutic results achieved by compression. Elvarex compression garments are indicated when decongestion is achieved so the garment helps prevent an increase in the extremity dimensions.

- Custom manufacturing to ensure a contoured fit to the shape of the limb
- Controlled gradient compression for the effective long-term management of lymphedema
- Excellent durability for extended wear
- Fabric lays flat against the body instead of working into the skin folds
- Specially knitted fabric exerts a micro-massage effect on the skin during movement*
- The perfect garment for CDT**



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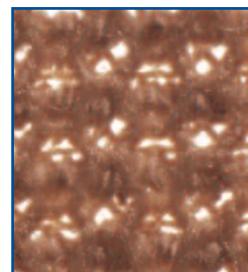
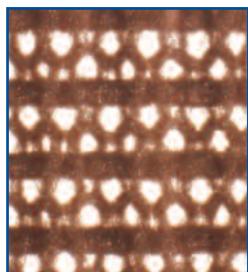
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ELVAREX®



Examples of flat-knitted competitor fabrics



Air permeability of knitted fabric is determined largely by its stitch pattern.***

Flat-knitted stocking: A flat piece of fabric knitted on straight rows of needles only becomes a stocking when sewn together. The number of loops is variable, guaranteeing an individual fit and an optimal compression profile even for extreme forms of edema.

* Földi, E. (1999), Lymphedema today – Modern Therapy. Medical-Scientific educational videotape.
JOBST GmbH, Emmerich.

** Complete Decongestive Therapy

*** Wienert, V. (1999), Die medizinische Kompressionstherapie. Blackwell, Wissenschafts-Verlag GmbH.

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Facts about Elvarex® and Natural Rubber Latex:

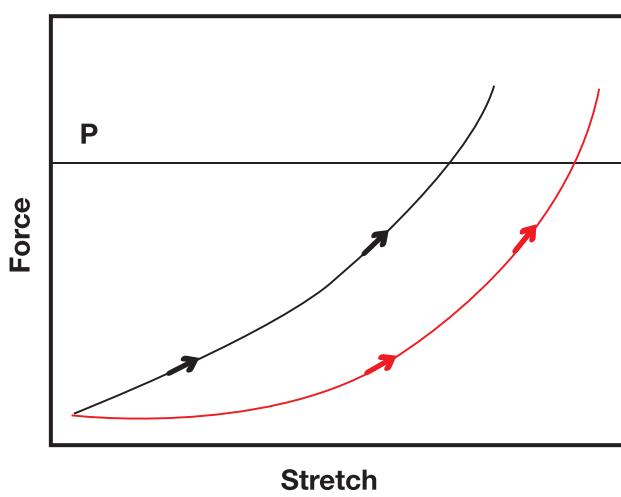
- Elvarex has been available in the US since 1995. Since that time we have a reported incidence rate latex allergy/sensitivity of less than .01%.
- The Natural Rubber Latex inner core for Elvarex is wrapped twice, once clockwise and then counter clockwise. The design reduces the potential of direct contact of the latex to the skin, providing improved patient comfort.
- The recoil properties of latex vs. synthetic latex provide better support for lymphedema patients.

Reports of incidence of Latex allergy in the US range from 1% to 6%¹. For those patients with documented latex allergies, we recommend our latex free Custom Seamed garments for the management and containment of edema. When treating patients with venous or lymphatic disease and there is not a documented latex allergy, use a brand you have come to know through its predictable results — Elvarex!

¹ National Institute for Occupational Safety and Health (NIOSH) Centers for Disease Control

When the venous and lymphatic conditions require more support . . . without increasing the difficulty of donning

Effects of Stretch During Donning



Red = Natural Latex Rubber
Black = Synthetic Latex

Point P shows that latex stretches more than synthetic elastic fibers when the same amount of force is applied.
The greater the stretch, the easier to don the garment.

Elvarex® Lymphedema Garments are engineered with Natural Rubber Latex, which allows for more stretch in the garment while delivering the same force as synthetic elastic fibers.

Please refer to the product label and/or package insert for full instructions on the safe use of these products.

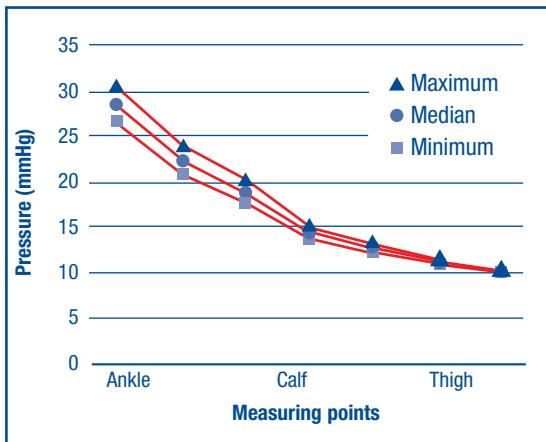
CAUTION: This product contains natural rubber latex which may cause allergic reactions.

CAUTION: Federal U.S.A. Law restricts the sale of this device to or on the order of a physician.

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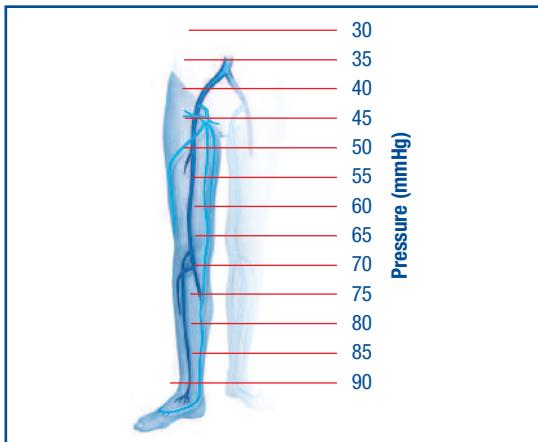
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ELVAREX® (CCL 2) compression profile



ELVAREX® - Compression gradient
from distal to proximal

Hydrostatic effect



Physiological pressure conditions in the leg veins while standing still

Indications:

- Management of lymphedema and other edema

Contraindications:

- Ischaemia (e.g. Advanced Arterial Disease)
- Uncontrolled congestive heart failure
- Untreated septic phlebitis
- Phlegmasia cerulea dolens

Cautions:

- Immobility (confinement to bed)
- Skin infections
- Weeping dermatoses
- Incompatibility to fabric
- Impaired sensitivity of the limb (e.g. in diabetes mellitus)

Other recommendations:

- Incorrectly measured and badly fitted compression stockings may cause problems during wear. Open wounds should be covered appropriately before the stockings are put on.

Compression Classes (CCL)/Colors:

Garment	CCL	Color		
Upper	1-2	Beige	Caramel	Black
	3	Beige		Black
Lower	1-4 Super	Beige		Black

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Compression Quick Reference:

Elvarex is available in a wide variety of compression classes to suit every patient need. The table below indicates the level of compression available and the indications for each.

Elvarex Compression Classes 1 through 3 are available for the management of upper-extremity lymphedema.

Elvarex Compression Classes 1 through 4 Super are available for the management of lower-extremity lymphedema. Foot caps are available in Compression Classes 1 through 3.

The prescribing physician and a knowledgeable therapist will make the decision of the appropriate compression class for each patient. It is necessary not only to consider the severity of the condition but also to evaluate the ability of the patient to don and remove the garment. The proper selection of compression class, correct measuring and fitting, selection of style and options, as well as patient education will determine the comfort and compliance of the patient.

Elvarex Compression Class	Pressure	Recommended for
Class 1	Upper extremity: 14 to 18 mmHg Lower extremity: 18 to 21 mmHg	<ul style="list-style-type: none">Mild lymphedema of the upper extremityIf donning is a problemPediatric lymphedemaEdema prevention
Class 2	Upper extremity: 20 to 25 mmHg Lower extremity: 23 to 32 mmHg	<ul style="list-style-type: none">Moderate lymphedema of the upper extremityMild lymphedema of the lower extremity that cannot be maintained with Compression Class 1Moderate to severe pediatric lymphedema if donning is not a problemModerate to severe lower-extremity lymphedema if patient is very obese
Class 3	Upper extremity: 25-30 mmHg Lower extremity: 36 to 46 mmHg	<ul style="list-style-type: none">Moderate lymphedema of the lower extremityIdeal as "starting" garment for severe lower extremity lymphedema, i.e., for patients who have no prior experience with ElvarexSevere lymphedema of the upper extremity when donning is not a problem
Class 3 Forte	Lower extremity: 36 to 46 mmHg	<ul style="list-style-type: none">Severe lymphedema of the lower extremity that requires more compression than Class 3 and donning is not a problem
Class 4	Lower extremity: 49-70 mmHg	<ul style="list-style-type: none">Severe lymphedema of the lower extremity that requires more compression than Class 3 Forte and donning is not a problem
Class 4 Super	Lower extremity: 60-90 mmHg	<ul style="list-style-type: none">Severe lymphedema of the lower extremity that requires more compression than Class 4 and donning is not a problem

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Available Styles and Options:

I. Upper Extremity Garments

A. Glove/Gauntlet



Pocket;
available on palm side or
back of hand



Without fingers, with
thumb; variable length

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Upper Extremity Garments

B. Armsleeve



Armsleeve with
slant top

Silicone dotted band;
2.5 cm or 5 cm
inside or on top

3/4 silicone dotted band; inside only
2.5 cm or 5 cm



One-piece;
armsleeve and glove/
gauntlet attached



Shoulder cap and strap



Shoulder cap and bra loop
with Velcro®(to be used with
bra strap width of 2.5 cm
or more)

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Lower Extremity Garments

2. Lower Extremity Garments

A. Knee High



Knee High
available in both straight
and slant top

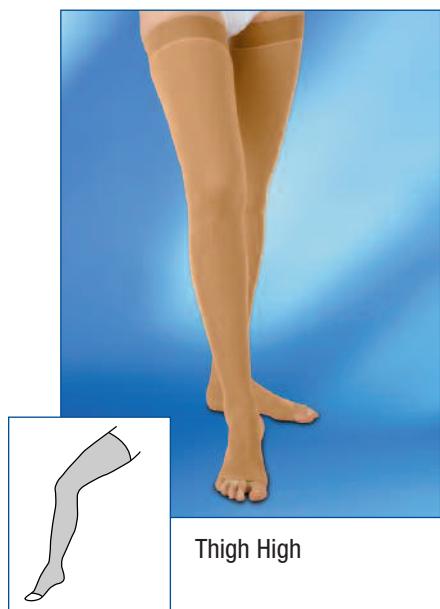


Silicone dotted band
2.5 cm or 5 cm
inside or on top

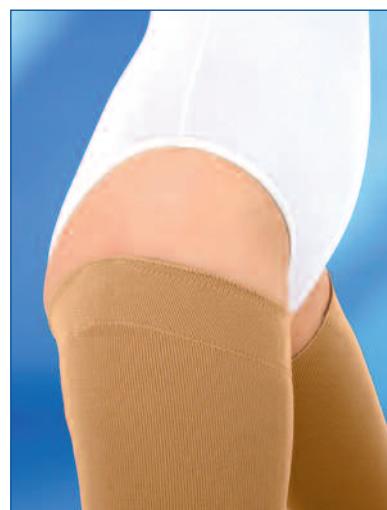


Zipper available medial,
lateral, anterior or
posterior

B. Thigh High



Thigh High



Slant top



Straight top

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Lower Extremity Garments



Silicone dotted band;
2.5 cm or 5 cm inside



3/4 silicone dotted band;
2.5 cm or 5 cm inside



Silicone dotted band;
2.5 cm or 5 cm on top

C. Chaps/Panty



Chap style
(Thigh High with waist attachment) Right/Left/Pair available



Waist High Pantyhose (available with adjustable waistband, open-crotch option, or vertical Velcro® strips)



1 1/2 leg Pantyhose
(Single leg with body bandage and leg extension)

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Lower Extremity Garments



Silicone dotted strips sewn into the area of the slip form (strips are available in full length, 3/4, 1/2)

10 cm silicone dotted strips,
vertically downwards from
measuring point G (available
anterior and/or posterior)

5 cm silicone dotted pieces
(sewn into the area of the slip form)

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Lower Extremity Garments

D. Foot/Toe Cap



Slant foot with open toe



Straight foot with open toe



Closed toe (available in both straight and slant closed toe)



T-Heel



Profile/ankle pad



Foot cap with toes

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E. Possible Combinations



Knee High + Capri style



Thigh High + Biker Shorts



Knee High + Thigh High +
Biker Shorts

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F. Functional Zones



Panty Comfort Zone



Top Comfort Zone



Knee Comfort Zone



Elbow Comfort Zone

Signature Services

In conjunction with the JOBST® products offered for the management of lymphedema, BSN medical also offers a variety of signature services to improve the quality of your patient management. These Signature Services include:



Product Experts that provide **Customized Education & Solutions** for both fitters and patients. An experienced team of **Medical Education Advisors** available to assist with **Certification Training** in all Custom Product categories.



Devoted **Team of Professionals** in both **Sales & Services** for ease of doing business with a willingness to achieve **total satisfaction**.



Knowledgeable Customer and Product Service Representatives that provide a personalized touch to problem solving. An added convenience of **email ordering**, makes sending in your orders just a click away. Elvarex Orders can be emailed to elvarexorders@bsnmedical.com.



An indispensable tool that offers **24/7, year-round access to your account**. Create and place orders online, obtain order status and **shipment tracking information**, and find latest updates and literature regarding custom-made products. <http://order.jobstcustom.com/us>



Quick and Efficient Processing from order entry to garment delivery. Elvarex® garments are delivered in an **average of 4 days**.[†] If you are not totally satisfied with the fit* of your JOBST® custom-made garment within 15 days of confirmed delivery**, please contact Customer Service for a FREE replacement.

[†] BSN medical pledges to conform to these delivery targets with the exception of all published holiday schedules or failure of the contracted delivery service to conform to their published delivery timings. Lead Time Request - Based on A&U 2006 Market Research, available upon request.

* Fit does not include color selection of garment.

** Date confirmed by shipping services.

Please refer to the product label and / or package insert for full instructions on the safe use of these products.

Velcro is a registered trademark of Velcro Industries B.V.

For questions regarding appropriate
garment style selection, please contact
an Elvarex Team Representative at
1-800-537-1063



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