JOBST®
ELVAREX®
The Gold Standard in Custom-made Lymphedema garments
Quick Reference Brochure
variety of silicone bands, bra straps, and shoulder cap solutions to keep the garment in place

upper extremity available in Class 1, 2 and 2 forte

anatomical fit around the elbow prevents bunching

decreased compression at the wrist provides greater comfort when overlapping an arm sleeve and gauntlet

**JOBST® Elvarex®**

**CUSTOM MADE GARMENTS**

**Elvarex® features and benefits:**

JOBST® Elvarex® represents the gold standard in custom daytime compression garments for the management of lymphedema. These garments help prevent fluid accumulation and maintain the volume and shape of the limb after decongestion has been achieved.

- Custom manufactured to ensure a proper fit to the shape of the limb
- Controlled gradient compression for the effective long-term management of lymphedema
- Flat knit fabric with a natural rubber core that provides unsurpassed structure and containment
- Appropriate for even the most difficult cases as it resists falling into creases and folds
- Breathability through a honeycomb structure that allows for maximum permeability
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.

JOBST® Elvarex®
CUSTOM MADE GARMENTS

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 of 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 between the latex and the skin, providing improved patient comfort.
- The superior 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%. For those patients with documented latex allergies, we recommend our latex free Custom Seamed or Elvarex Soft garments for the management and containment of edema. When treating patients with venous or lymphatic disease without 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

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 by or on the order of a physician.
**Indications:**
- Management of lymphedema and other edema

**Contraindications:**
- Ischemia (e.g. Advanced Arterial Disease)
- Uncontrolled congestive heart failure
- Untreated septic phlebitis
- Phlegmasia cerulea dolens
- Dermatitis in the acute phase
- Arterial insufficiency
- Cutaneous infections
- Wet dermatosis
- Conditions in which increased venous and lymphatic return is not desired

**Cautions:**
- Immobility (confinement to bed)
- Incompatibility to fabric
- Impaired sensitivity of the limb

**Other recommendations:**
- Ill fitting compression garments may cause skin necrosis, pressure related peripheral nerve damage, and deep vein thrombosis. Open wounds should be covered with an appropriate dressing before the compression garment is put on.

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**Elvarex® (CCL 2) compression profile**

<table>
<thead>
<tr>
<th>Measuring points</th>
<th>Pressure (mmHg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ankle</td>
<td>Maximum</td>
</tr>
<tr>
<td>Calf</td>
<td>Median</td>
</tr>
<tr>
<td>Thigh</td>
<td>Minimum</td>
</tr>
</tbody>
</table>

**Hydrostatic effect**

Physiological pressure conditions in the leg veins while standing still

**Elvarex® - Compression gradient from distal to proximal**
**JOBST® Elvarex®**  
**CUSTOM MADE GARMENTS**

**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 2F 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 an experienced therapist will select 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.

<table>
<thead>
<tr>
<th>Elvarex Compression Class</th>
<th>Design Pressure</th>
<th>Recommended for</th>
</tr>
</thead>
</table>
| Class 1                   | Upper extremity: 15 to 21 mmHg  
Lower extremity: 18 to 21 mmHg | • Mild lymphedema of the upper extremity  
• If donning is a problem  
• Pediatric lymphedema  
• Edema prevention |
| Class 2                   | Upper extremity: 23 to 32 mmHg  
Lower extremity: 23 to 32 mmHg | • Moderate lymphedema of the upper extremity  
• Mild lymphedema of the lower extremity that cannot be maintained with Compression Class 1  
• Moderate to severe pediatric lymphedema if donning is not a problem  
• Moderate to severe lower-extremity lymphedema if patient is very obese |
| Class 2 Forte             | Upper extremity: 23 to 32 mmHg |                |
| Class 3                   | Lower extremity: 34 to 46 mmHg | • Moderate lymphedema of the lower extremity  
• Ideal as “starting” garment for severe lower extremity lymphedema, i.e., for patients who have no prior experience with Elvarex  
• Severe lymphedema of the upper extremity when donning is not a problem |
| Class 3 Forte             | Lower extremity: 34 to 46 mmHg | • Severe lymphedema of the lower extremity that requires more compression than Class 3 and donning is not a problem |
| Class 4                   | Lower extremity: 49 to 70 mmHg | • 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 to 90 mmHg | • Severe lymphedema of the lower extremity that requires more compression than Class 4 and donning is not a problem |
Available Style and Options

I. UPPER EXTREMITY GARMENTS
   A. GLOVE/GAUNTLET

With fingers, with thumb; variable length

Glove to elbow (Gauntlet to elbow also available)

With zipper

Pocket; available on palm side or back of hand

Without fingers, with thumb; variable length
I. UPPER EXTREMITY GARMENTS

B. ARMSLEEVE

**Armsleeve with slant top**
(standard for arm sleeve)

**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)
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 (not available in seam)

B. THIGH HIGH

Thigh High

Slant top is standard for Elvarex

Straight top
Available Style and Options

C. CHAPS/PANTY

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

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

Waist High Pantyhose (available with adjustable waistband, dotted silicone waistband, sensitive waistband or soft waistband with or without velcro [Fleece band])

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

- **Elvarex Panty for Men** (available with horizontal fly)

- **Capri Style**

- **Bermuda Shorts**

- 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)
Available Style and Options

D. FOOT/TOE CAP

- Slant foot with open toe is standard for Elvarex
- Straight foot with open toe
- Closed toe (available in both straight and slant closed toe)
- T-Heel
- Profile/ankle pad
- Foot cap with toes
Available Style and Options

E. POSSIBLE COMBINATIONS

- Knee High + Capri style
- Thigh High + Bermuda Shorts
- Knee High + Thigh Capri + Bermuda Shorts
Available Style and Options

F. FUNCTIONAL ZONES

- Panty Comfort Zone
- T-Heel
- 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:

Our product experts, called Medical Education Advisors, provide customized education and solutions for both fitters and therapists. They can also assist with certification training in all custom product categories.

Our devoted team of Sales Professionals are always available to meet your needs and are committed to achieving total satisfaction.

Knowledgeable Customer and Product Service Representatives 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 5 business days in the United States. Two free of charge replacements on the initial order will be allotted within 45 days days of confirmed delivery of parcel carrier* for reasons other than manufacturing or material flaws such as adjustments to measurements, any changes to options or styles, and changes in compression.

* Date confirmed by shipping services.

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

*All compressions shown are the mean compression for an average palm size.

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