"I feel better." is a promise that becomes a reality with medi.

medi... I feel better! medi is committed to helping people all around the world live a more independent, productive and satisfying life while managing circulatory and lymphatic issues. medi takes its position as global leader in medical compression seriously by investing in research, education and innovation providing the latest technologies in compression therapy enabling our patients to not only manage their disease but to enjoy life to its fullest.
Dear Clinician,

Lymphedema

Lymphedema is a chronic disorder that often goes unrecognised. Left untreated, it tends to progress steadily. In the worst case, the feared extreme swelling of the legs and arms occurs. The patient’s quality of life is greatly impaired, often resulting in the inability to work.

Lymphedema therefore represents not only a medical problem, but also a social and psychological one. Intensive patient briefing and advice are thus essential prerequisites for the success of treatment.

As a clinician, your early diagnosis and competent advice help to counteract the progression of the disorder. This saves higher subsequent costs and improves the affected patient’s quality of life.

Effective compression is particularly important for those with lymphatic disease. Our aim is to encourage compliance with a perfect fit and optimal efficacy.

As many patients often have initial reservations about such garments, it is advisable to explain to them how they work, and why it is so important to wear them regularly.

Only patients who have been informed about their clinical picture are in a position to provide the commitment and understanding to learn the necessary measures and become an active participant in their treatment.

Your medi team

Lymphedema

Lymphedema is a protein-rich local edema resulting from a mechanical weakness in the lymph vessel*. The arms and legs are most frequently affected but lymphedema can also manifest in the head, trunk, organs or genitals.

Depending on its origin, a distinction is made between primary and secondary lymphedema. Primary lymphedema is congenital and onset is usually before 35 years of age.

Secondary lymphedema is acquired during the course of a person’s life as the result of destruction of the lymphatic system by external influences, such as trauma or lymph node removal in cancer surgery.

Lymphedema does not develop overnight; its onset is gradual. Once the process has started, it continues to progress if left untreated.

Basic treatment – Complex decongestive therapy (CDT)

Lymphedema requires long-term therapy with the aim of reversing the edema to a milder stage. The earlier treatment is started, the greater the prospects for success.

In the first phase (decongestion), the focus is on reducing the circumference of the affected limbs. Depending on the degree of severity, this phase lasts for three weeks or longer. Measures include manual whole-body lymphatic drainage, subsequent application of short-stretch bandages or inelastic wraps, and movement.

Once the circumference cannot be further reduced, an attempt is made in phase two to maintain this status, usually for life. If treatment is interrupted, the edema will increase again.

Long-term maintenance treatment consists of manual lymph drainage, exercise and movement, skin care and the wearing of a flat-knitted compression garment or inelastic wrap.

Stages of Lymphedema

Stage 0 – Interval / Latent stage
There is damage to the lymph vessels, but lymph drainage is normal. Edema is not yet present.

Stage 1 – Reversible stage
The swelling forms after physical exertion or at the end of the day. It is soft and it is easy to perform an indentation that persists for some time. The edema disappears if the legs are raised and during the night, either completely or partially.

Stage 2 – Spontaneously irreversible stage
The edema has hardened and no longer dissolves, even after a long period of bed rest. It is very difficult or impossible to cause indentation of the skin. Initial skin changes can occur.

Stage 3 – Lymphostatic elephantiasis
The swelling reaches extreme proportions and is very misshapen. The skin has hardened and wart-like growths, small blisters or fistulas develop, from which lymph leaks. There is an increased risk of erysipelas and deep, poorly healing wounds.

Positive Stemmer’s sign

When making this diagnosis, it is not possible to lift up a skin fold at the base of the toes or fingers.

The Lymphatic System

Relieving edema with the help of complex decongestive therapy (CDT)

In conjunction with a healthy diet (and perhaps weight loss) and the patient’s self-motivation, optimal therapy can be achieved with 4 easy steps:

Hygiene and skin care
Therapy begins with thorough skin care, during which any cracks in the skin or similar symptoms are treated. Meticulous skin care and skin hygiene are important, in order to avoid further injuries and infections.

Manual lymph drainage
Using various massage techniques, over the course of several treatments, the therapist can increase lymph formation and improve the transport capacity of the lymphatic system. This allows the lymph system to aid in the decongestion process and reverse signs and symptoms of lymphedema.

Compression treatment
Initial treatment is with a compression device to reduce the excess limb volume, promote lymph drainage on movement and prevent the backflow of lymph fluid. Once the optimal degree of decongestion has been achieved, this is replaced by a flat-knit compression stocking which is made to measure according to individual requirements.

Exercise and movement
Mobility exercises are very important while wearing compression garments, as their effect can only fully develop with movement. You should avoid overexertion. The movements should be performed deliberately and in a controlled manner.

* Lipedema is not included here. This is a hereditary, chronic lipodistrophy disorder of the thighs and lower legs, associated with edema and pain.

Source of images: Lympho-Opt Clinic, Hohenstadt

medusa.com medi. I feel better.
Why Compression?

Compression has been prescribed for the treatment of Lymphedema for many years. The application of compression is recognized as a critical part of decongestion as well as long-term maintenance when controlling symptoms for a lymphedema patient. Current research finds that compression garments are a critical part of the Complete Decongestive Therapy approach.¹ Compression with inelastic garments has also been found to be effective and in many cases, more effective than bandaging during the decongestion stage of lymphedema treatment.² Inelastic, adjustable wraps have achieved a more dramatic result than multilayered bandaging and were a step towards enabling patient self-management of their lymphedema.

Why medi compression?

You have prescribed medical compression garments because they are the “gold standard” for treating lymphatic disorders. Graduated compression garments can dramatically improve your overall health. They will help to “pump” the lymph fluid through the impaired lymph system while controlling swelling.

The most important part of lymphatic disorders is controlling swelling. The greatest swelling is usually at the ankles or wrists/hands. This is where the pressure is the greatest. It is graduated down from there as you get closer to the body’s core. From there the body processes lymph fluid.

Compression garments must be properly fitted by someone knowledgeable about compression garments and lymphatic disorders. With the proper fit and level of compression the garments will feel good and do their job. The most important part is for the patient to do his or her part and be compliant with the treatment plan prescribed. This plan is ideally designed to help the patient to manage his or her condition as independently as possible.

medi compression for the lymphedema patient is comprehensive in its offering to address many situations:

- Upper extremity edema
- Lower extremity edema
- Donning challenges
- Physical limitations (arthritis, mobility, etc.)
- Skin care challenges
- Color and style options
- Customized sizing

medi recognizes that every lymphedema patient is unique and is ready to assist you in meeting the patient’s specific needs to improve their quality of life. “I feel better” is more than a slogan, it is our mission!

Elastic Compression Therapy

This category envelops our entire line of mediven circular and flat knit compression stockings for both venous and lymphedema conditions. These products use elastic fibers that enable the stocking to provide compression and allow stretch for easy application.

The elastic nature of the garment provides a consistent or STATIC compression to the limb. Thus, when a patient moves or ambulates, the compression fluctuates very little and maintains a fairly consistent level.

Key Benefits of Static Compression:
- Precise and accurate compression
- Maximum wearing comfort to enhance compliance
- Fits every lifestyle need

Inelastic Compression Therapy

This category is comprised of our circaid product line for venous, lymphedema and wound care applications. These products use inelastic materials that have limited stretch when the circumference of the limb changes with movement of the body.

The resistance of the garment will make compression levels rise and fall, thus creating a DYNAMIC compression system.

Key Benefits of Dynamic Compression:
- Ability to adjust compression levels
- Maximum containment
- Improved venous hemodynamics
Overview of Elastic & Inelastic Products

The garment model and the strength of pressure required, i.e., the compression class, depend on the diagnosis, the treatment site, the clinical findings, and the patient’s susceptibility to edema. Please also consider the patient’s individual requirements and circumstances (comorbidities, mobility, BMI, state of their skin and tissues, etc.).

### Lower Limb Lymphedema

<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>Cardinal symptom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stage 1</td>
<td>Spontaneously reversible, soft and doughy swelling, pitting on pressure, no skin changes</td>
</tr>
<tr>
<td>Stage 2</td>
<td>Spontaneously irreversible, early fibrosis, pitting difficult sometimes skin changes</td>
</tr>
<tr>
<td>Stage 3</td>
<td>Pronounced form, elephantiasis, fibrosis, typical chronic skin changes</td>
</tr>
</tbody>
</table>

#### Elastic

<table>
<thead>
<tr>
<th>Strength</th>
<th>mediven 550 leg</th>
<th>mediven mond</th>
<th>mediven sens</th>
<th>mediven forte</th>
<th>mediven compression class</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD</td>
<td>CCL 2</td>
<td>CCL 2</td>
<td>CCL 2</td>
<td>30-40 mmHg</td>
<td>20-30 mmHg</td>
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<tr>
<td>AG</td>
<td>CCL 3</td>
<td>CCL 3</td>
<td>20-30 mmHg</td>
<td>20-30 mmHg</td>
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<td>AT</td>
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#### Inelastic & Adjustable

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<thead>
<tr>
<th>Strength</th>
<th>mediven 550 leg</th>
<th>mediven mond</th>
<th>mediven sens</th>
<th>mediven forte</th>
<th>mediven compression class</th>
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<tr>
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</tbody>
</table>

### Upper Limb Lymphedema

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Stage 1</td>
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</tr>
</tbody>
</table>

#### Elastic

<table>
<thead>
<tr>
<th>Strength</th>
<th>mediven 550 arm</th>
<th>mediven mond-sens</th>
<th>mediven harmony</th>
<th>mediven compression class</th>
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<tbody>
<tr>
<td>AD</td>
<td>CCL 2</td>
<td>CCL 1</td>
<td>CCL 1</td>
<td>20-30 mmHg</td>
</tr>
<tr>
<td>AG</td>
<td>CCL 3</td>
<td>30-40 mmHg</td>
<td>10-20 mmHg</td>
<td></td>
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#### Inelastic & Adjustable

<table>
<thead>
<tr>
<th>Strength</th>
<th>mediven 550 arm</th>
<th>mediven mond-sens</th>
<th>mediven harmony</th>
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<td>CCL 1</td>
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<tr>
<td>AG</td>
<td>CCL 3</td>
<td>30-40 mmHg</td>
<td>10-20 mmHg</td>
<td></td>
</tr>
</tbody>
</table>

### Elastic Compression Therapy: Lower Extremity mediven 550 custom lower extremity

**Highest stability and unlimited variety.**

#### Indications:
- Moderate to severe lymphedema.
- Moderate to severe lipedema.
- Severe venous disease with obesity.

#### Features:
- Most robust mediven material for maximum containment.
- Ideal for fibrotic tissue, lobes, challenging shapes & sizes.
- Textured finish for micro-massaging effect.
- Customizable for most shapes and sizes.
- Comfortable, patented Clima-Comfort releases moisture for temperature control.
- ClimaFresh provides odor protection and prevents bacteria propagation within the fabric.
- Combination of both elastic & inelastic properties for serious edema containment.
- Low elasticity for dynamic compression.

#### Seamless toe cap
- Helps optimize lymphatic drainage.
- Very comfortable to wear, without circular seams.
- Outstanding non-slip grip.
- Available in variants AD and AG.
### mediven mondi
#### custom lower extremity

**Comfortable and effective for edema up to stage 2.**

**Indications:**
- Moderate to severe lymphedema.
- Moderate to severe lipedema.
- Severe venous disease with obesity.

**Features:**
- Robust mediven material for strong containment.
- Ideal for skin issues (such as infections), wound care, soft sensitive tissue.
- Powerful thread for large-surface pressure.
- Strong material for maximum all-day support.
- Soft finish, yet micro-massing.
- Customizable for many shapes and sizes.
- Comfortable, patented Clima-Comfort releases moisture for temperature control.
- ClimaFresh provides odor protection and prevents bacteria propagation within the fabric.
- Combination of both elastic & inelastic properties for serious edema containment.
- Strong, soft elastic material.
- Low elasticity for dynamic compression.
- Silver option for anti-microbial properties for all-day freshness.

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### mediven sensoo
#### custom lower extremity

**Soft and comfortable for stage 1 edema.**

**Indications:**
- Moderate lymphedema.
- Moderate lipedema.
- Venous disease with obesity.

**Features:**
- Strong for all-day support.
- Soft, comfortable finish.
- Comfortable, patented Clima-Comfort releases moisture for temperature control.
- ClimaFresh provides odor protection and prevents bacteria propagation within the fabric.
- Combination of both elastic & inelastic properties for serious edema containment.
- Most elastic of the flat-knit materials.

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### mediven sensoo
#### maternity panty

**Seamless toe cap option**
- Helps optimize lymphatic drainage.
- Very comfortable to wear, without circular seams.
- Outstanding non-slip grip.
- Available in variants AD and AG.

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### mediven mondi
#### below knee stocking with open toe

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### mediven mondi
#### thigh-length stocking with open toe

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### mediven mondi
#### maternity panty
Indications:
- Moderate to severe varicose veins.
- Heavy, achy legs.
- Moderate to severe edema.
- Healed ulcers.
- Early stage lymphedema.
- Helps prevent deep vein thrombosis (DVT).

Features:
- Opaque coverage to conceal blemishes and varicose veins.
- Stout material for maximum all-day support.
- Patented Clima-Comfort releases moisture for temperature control.
- ClimaFresh technology inhibits bacteria growth and unpleasant odors.
- Combination of both elastic & inelastic properties for serious edema containment.
- Open toe only.

individualized solutions for 550, mondi and sensoo lower extremity

<table>
<thead>
<tr>
<th>Description</th>
<th>550</th>
<th>mondi</th>
<th>sensso</th>
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<tbody>
<tr>
<td>Open Toe</td>
<td>Oblique or Straight</td>
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<td>•</td>
</tr>
<tr>
<td>Closed Toe</td>
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</tr>
<tr>
<td>Silicone Top Band</td>
<td>Calf or Thigh</td>
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<tr>
<td>Profile honeycomb pattern (5 cm)</td>
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<tr>
<td>Peony embroidery of flower on exterior w/silicone band (5 cm)</td>
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<tr>
<td>Standard Beaded Topband (2.5 or 5 cm)</td>
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<tr>
<td>Zipper</td>
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<tr>
<td>Eyelets and Hooks (in addition to zipper charge)</td>
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<tr>
<td>Elastic Edging at Seams</td>
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<tr>
<td>3-D Panty (knitting marks at abdomen, buttocks, and waist)</td>
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<tr>
<td>Knitting Marks at “E” (line)</td>
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<tr>
<td>Knitting Marks at “I” (instep)</td>
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<tr>
<td>Oblique Ending (8% of circumference)</td>
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<tr>
<td>Deep Oblique Ending (10% of circumference)</td>
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<tr>
<td>Added Length Front of Thigh, LK1, LK2</td>
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<tr>
<td>Different Compression in Leg or Panty</td>
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<tr>
<td>U-shaped Panty (non-compressive panty)</td>
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<tr>
<td>Knitted Waistband in Panty</td>
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<tr>
<td>Hook and loop Closure Panty Waistband</td>
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<tr>
<td>Adjustable Panty Waistband</td>
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<tr>
<td>Beaded Silicone Panty Waistband (5 cm)</td>
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<tr>
<td>Fly Opening for Men</td>
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<tr>
<td>Transverse Silt (for ostomy bag)</td>
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<tr>
<td>Men’s Gusset/Suspensory (also available as gusset pantyhose)</td>
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<tr>
<td>Netting (zero compression)</td>
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<tr>
<td>Tricot (50% compression)</td>
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<tr>
<td>Knit (100% compression)</td>
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<tr>
<td>Open Gusset/Pubic</td>
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</tr>
<tr>
<td>Silicone Top Band Pieces (various placements)</td>
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<tr>
<td>Lymphpad in Pocket (removable or permanent)</td>
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</tr>
<tr>
<td>Levamed Pad in Malleolus Pocket (permanent)</td>
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<tr>
<td>Silk Lining</td>
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<tr>
<td>Design Elements</td>
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</tr>
<tr>
<td>Stars</td>
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</tr>
<tr>
<td>Ribs</td>
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<tr>
<td>Pyramids</td>
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<td>Gluteal shaper</td>
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<tr>
<td>Hallux ease</td>
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Inelastic Compression Therapy: Lower Extremity circaid reduction kit

An innovative system for acute phase lymphedema compression.

Indications:
- Early phase decongestion treatment of lymphedema.

Features:
- Inelastic compression.
- Breathable fabric that improves comfort and compliance.
- Juxtaposed band system for a perfect fit.
- Easily customized on a per-patient basis.
- Easy handling when donning and doffing.
- Built-In-Tension System supports a repeatable level of tension.
- Adjustable to your specific patient’s needs.

System Includes:
- Upper leg system includes: 1 reduction upper leg component, 1 reduction shelf strap, 6 hook and loop stays, 1 Built-In-Tension system guide card, 1 paper measuring tape, and 1 direction for use.
- Knee system includes: 1 reduction knee component, 2 hook and loop knee spines, 1 paper measuring tape, 1 direction for use, and 1 reduction shelf strap.
- Lower leg system includes: 1 reduction lower leg component, 1 reduction kit undersleeve leg, 1 reduction shelf strap, 6 hook and loop stays, 1 Built-In-Tension system guide card, 1 paper measuring tape, and 1 direction for use.
- Foot options are not included with circaid reduction kits and must be ordered separately.

Use of circaid reduction kit for decongestive lymphatic therapy

Introduction:
Forty-nine case studies were conducted to determine the suitability of the circaid reduction kit line of products as compression devices for the intensive treatment phase of upper and lower extremity lymphedema. The study examined the devices’ therapeutic efficacy, as well as clinician and patient satisfaction.

Background:
Lymphedema is swelling that occurs when excessive protein-rich lymph fluid accumulates in the interstitial tissue. Lymphedema is one of the most poorly understood, relatively underestimated, and least researched complications of common diseases like cancer, and thus the prevalence of lymphedema within the general population is largely unknown. Nevertheless, for those who are diagnosed with lymphedema, the standard of care consists of meticulous skin care, manual lymphatic drainage, exercise therapy, inelastic compression bandaging, and eventually, compression garments for maintenance.

The frequency and duration of care is dependent on individual patient’s therapeutic need and may range from two to three visits per week for 6 or more weeks depending on the severity of lymphedema and any other associated impairment.

The use of compression bandaging, although proven to be effective in reducing edema, has its drawbacks. The application of inelastic compression bandages is time consuming and requires a skilled clinician. Furthermore, because patients are not able to effectively bandage themselves, this treatment strategy does not promote self care, does not provide sustained therapeutic levels of compression and also forces the patient to frequently return for follow up visits. Lastly, wearing bandages negatively impacts the patient’s quality of life with regard to comfort and hygiene, ultimately contributing to low compliance rates.

What is the circaid reduction kit?
The reduction kit product line consists of easy-to-use, inelastic, instantly adjustable compression components that are fitted to the patient’s limb size and shape on site. They are made of a patented, breathable material that has just enough elasticity to follow the contour of the limb, maximizing comfort and reducing slippage. Each component consists of a series of offset bands that are wrapped around the limb and fastened with hook and loop closures, which allows for quick and easy application, as well as removal and adjustment of the product. Once first applied by the clinician, the patient can apply them just as easily and quickly. This increases compliance and hygiene, which greatly improves results with far fewer follow up sessions. The products also features a Built-In-Tension system which ensures the patient can sustain the same compression as applied by the clinician.

The Study
Patients used the reduction kit components as assessed and directed by the therapist in place of comparable bandage systems.

The study was conducted by 11 clinicians/therapists in 8 facilities in the US and abroad. The reduction kit was applied on 49 patients who suffered from lymphedema in the upper or lower extremities. The study subjects consisted of 15 male and 34 female patients that ranged in age from 38 to 87 years. Standard protocols of regular check-up appointments, routine skin care, and Manual Lymph Drainage were followed throughout the treatment period.

The assessment considered the following:
- Ease of use
- Reduction of edema
- Application time
- Patient hygiene
- Fit
- Comfort
- Overall quality
Results

71% patients used the reduction kit on their legs, 33% lower leg and 39% whole leg, while 29% used them on their arms. 78% of patients wore the reduction kit day and night.

The initial mean volumes (and standard deviations) for the entire affected limbs were 19900cm³ +/- 16500 for the lower leg group, 159000cm³ +/- 12500 for the whole leg group, and 4340cm³ +/- 1340 for the arm group. The final mean volumes (and standard deviations) were 17700cm³ +/- 14900 for the lower leg group, 17500cm³ +/- 10900 for the whole leg group, and 3950cm³ +/- 1190 for the arm group. The average total volume reductions for were 2150cm³ +/- 3940 for the lower leg group, 1810cm³ +/- 1870 for the whole leg group, and 414cm³ +/- 406 for the arm group. The average total volume reduction for all cases in the trial was 10.8.

When lower leg volumes are isolated, their affect on the upper leg is discernable. The initial mean volume (and standard deviation) of only the lower leg was 8660cm³ +/- 5330, the final mean volume was 7900cm³ +/- 5230 and the average overall volume reduction was 786cm³ +/- 1363. Therefore, the average percentage volume reduction was 9.69%.

79% of patients stated they would continue to use the product to maintain their condition with 70% describing the reduction kit as “Excellent”. By the end of the trial, clinicians view of the reduction kit improved from the initial evaluation and reported that the overall quality of the reduction kit was “Excellent” in over 85% of the case studies. For all evaluations by patients and clinicians, the mode rating of the overall product quality was the highest possible of 1, 83% of patients and clinicians reported “Excellent” hygiene while using the reduction kit compression system. By the end of the study, 80% of clinicians found the reduction kit components to still be in “Excellent” condition.

Finally 67% of clinicians gave the reduction kit an “Excellent” rating for its ability to control edema and the improvement of the patient’s skin and edema.

Case Study Highlights:

Here we will highlight two case reports of specific patients that participated in this evaluation.

Case Study Example One:

This 74 year-old man was treated for bilateral below knee swelling using the lower leg circad reduction kit. He had been in treatment for over 2 months and had been wearing compression stockings to control his edema. The therapist who fitted the reduction kit to this patient reported that she found the leggings very easy and quick to cut to size and apply, that they conformed well to the patient’s leg, and rated the overall quality of the product as “Excellent” (Fig. A). The patient was fitted with the reduction kit lower leg component, as well as the circad compression anklets in combination with the X-Large pac band foot wraps (Fig. A).

This patient intermittently wore the system day and night. At a follow up appointment, he reported that he was satisfied with the fit of the reduction kit system, that it was comfortable and easy to apply and remove, and that it controlled his swelling quite well. He was also very satisfied with being able to maintain his hygiene, due to the quick and easy removal and reaplication of the system.

When this patient’s evaluation concluded, his skin condition rating went from 5 “Poor” to 2 “Excellent.” This patient’s change in edema rating was also “Excellent.”

After only 22 days of wearing the reduction kit system he experienced 21.9% localized volume reduction (Fig. B&C). Overall, the patient was very satisfied with the reduction kit lower leg component as they were much easier to apply than the compression stockings he had been wearing. The patient was able to be compliant with the reduction kit.

Case Study Example Two:

This next patient, an 83 year-old woman, also had a positive experience with the reduction kit. She was treated for below knee swelling in her left leg and whole leg swelling in her right. She was fitted with the appropriate reduction kit components including the circad compression anklets for her feet on 11/13. (Fig. D) In an attempt not to overwhelm the patient, she was fitted with only the below knee component 28 days prior.

The therapist once again had a positive experience in regards to the ease and speed of cutting and fitting the reduction kit to this patient.

At one of her follow up appointments, the patient reported that she was able to apply, adjust, and remove the reduction kit easily, that they fit well, and that they controlled her swelling. She also commented that she prefers the reduction kit system to her previous form of compression because of the increased comfort level and the decreased level of emotional strain it puts on her.

When the evaluation concluded, the patient’s skin condition rating went from 4 “Good” to 2 “Excellent.” The therapist was delighted to see that she had been compliant with wearing the system day and night, resulting in a 11.5% right and 8.8% left leg reduction for an average total volume reduction of 7.3% within the 42-day treatment period (Fig. E&F). Once again, the therapist rated the change in this patient’s edema as “Excellent” and this patient continues to wear the reduction kit.
circaid
juxtafit premium

Inelastic compression for the entire leg.

Indications:
- Mild to severe lymphedema.
- Mild to severe lipedema.
- Moderate to severe venous disease.

Features:
- Inelastic compression.
- Multiple compression levels (20-30, 30-40, 40-50, 50+ mmHg).
- juxtalock band system allows for easy and instant adjustability of product without removal.
- circaid Built-In-Pressure system (BPS) guide card provides targeted compression ranges for improved results.
- Active & sedentary use.
- Simple measuring & sizing, with custom options, 8 standard sizes & 2 lengths.
- Works great with elastic stockings as part of a complete compression system.
- 3-year warranty.
- SILVERtec added to prevent static, odor & propagation of bacteria in the garment.
- Available in beige.

System includes:
- 1 legging, 1 pair of silver undersleeves (footless), 1 pair of compression anklets, 1 power added compression band (pac band), 1 black cover up, and 1 Built-In-Pressure system (BPS) guide card.
- All custom thigh configurations are provided with nonslip padding, shelf straps are included if the provided measurements indicate the need.
- Cover up color options for custom products are black and beige.

circaid juxtafit essentials
lower extremity

Inelastic, ready-to-wear compression system for the entire leg.

Indications:
- Mild to severe lymphedema.
- Mild to severe lipedema.
- Moderate to severe venous disease.

Features:
- Inelastic compression.
- Multiple compression levels (20-30, 30-40, 40-50 and 50+ mmHg).
- juxtalock band system allows for easy and instant adjustability of product without removal.
- circaid Built-In-Pressure system (BPS) guide card provides targeted compression ranges for improved results.
- SILVERtec added to prevent static, odor & propagation of bacteria in the garment.
- Active & sedentary use.
- Simple measuring & resizing – Ready made in multiple sizes with 2 lengths of the lower leg and 3 lengths of the upper leg with knee.
- Works great with elastic stockings as part of a complete compression system.
- 6-month warranty.
- Available in beige.

System includes:
- 1 legging, 1 pair of knee high or thigh high undersleeves (footless), 1 black cover up and 1 Built-In-Pressure system (BPS) guide card.
- All custom thigh configurations are provided with nonslip padding, shelf straps are included if the provided measurements indicate the need.
- Cover up color options for custom products are black and beige.
circaid graduate leg

Inelastic padded compression system in custom options.

Indications:
- Moderate to severe lymphedema.
- Moderate to severe lipedema.
- Moderate to severe venous disease with obesity.

Features:
- Padded, inelastic compression.
- Ensures smooth, comfortable compression.
- “D-rings” design for tightening & loosening the inelastic bands for instant adjustability.
- circaid assured gradient system.
- Sedentary use.
- Works great with elastic stockings as part of a complete compression system.
- 2-year warranty.
- Available in whole leg, below knee and boot options.
- Custom only.

System includes:
- 2 legging, 1 pair of thigh-high socks, 1 black cover up and 2 gradient measuring cards.
- Cover up leg color options are black and beige.

individualized solutions for circaid custom lower extremity products

juxtafit premium leg

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lateral rise (oblique) on lower leg</td>
<td>Provides additional coverage on lateral aspect without added compression.</td>
</tr>
<tr>
<td></td>
<td>Available in 5cm or 10cm rise only.</td>
</tr>
<tr>
<td>Add pull tabs to band ends</td>
<td>Eases band application.</td>
</tr>
</tbody>
</table>

graduate leg

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lateral rise (oblique) on foam</td>
<td>Provides additional coverage on lateral aspect without added compression.</td>
</tr>
<tr>
<td></td>
<td>Available in 10cm rise on lateral side only. Available for whole leg products only.</td>
</tr>
<tr>
<td>Foam liner closures</td>
<td>Hook &amp; loop closures are sewn into the foam liner to allow the boot and leg foam to be fastened shut prior to bands being fastened.</td>
</tr>
<tr>
<td>Foam pad accessory</td>
<td>A separate foam piece can be provided for additional coverage of creases or folds. Must provide desired length and width dimensions up to 30cm x 23cm.</td>
</tr>
<tr>
<td>Hard sole boot</td>
<td>A more durable boot tread. Recommended for wheelchair use only.</td>
</tr>
<tr>
<td>Band locks</td>
<td>Additional D-rings can be sewn to all band ends to prevent the bands from opening fully so that bands will not slip out of the D-ring. Patient must slide garment on with this option.</td>
</tr>
<tr>
<td>Separate boot and legging</td>
<td>Allows for independent foot compression and donning.</td>
</tr>
</tbody>
</table>
Elastic Compression Therapy: Upper Extremity

**mediven 550 upper extremity**

*Specialized armsleeve for all forms of edema.*

**Indications:**
- Moderate to severe lymphedema.
- Moderate to severe lipedema.

**Features:**
- Most robust mediven material for maximum containment.
- Ideal for fibrotic tissue, lobes, challenging shapes.
- Textured finish for micro-massaging effect.
- Customizable for most shapes and sizes.
- Comfortable, patented Clima-Comfort releases moisture for temperature control.
- Combination of both elastic & inelastic properties for serious edema containment.
- Low elasticity for dynamic compression.
- Custom only.

![mediven 550 glove (seam outside)]()

mediven 550 with anatomical shoulder cap w/shoulder strap

![mediven 550 with top band](

mediven 550 armsleeve w/ non-slip top band and glove

![glove with lymph pad](

![mediven 550 armsleeve w/ non-slip top band and glove](

**mediven mondi esprit upper extremity**

*The gentle solution for arm edema.*

**Indications:**
- Moderate lymphedema.
- Moderate lipedema.

**Features:**
- Strong material for all-day support.
- Soft finish yet micro-massaging.
- Customizable for many shapes and sizes.
- Comfortable, patented Clima-Comfort releases moisture for temperature control.
- Ideal for skin issues (such as infections) and soft, sensitive skin.
- Combination of both elastic & inelastic properties for serious edema containment.
- Low elasticity for dynamic compression.

![mediven mondi esprit armsleeve with glove](

![mediven mondi esprit armsleeve with non-slip top band](

![mediven mondi esprit with non-slip top band and glove](

mediven mondi esprit with non-slip top band and glove with long fingers and thumb base

medi. I feel better.mediusa.com
**circaid reduction kit**

**Indications:**
- Early phase decongestion treatment of lymphedema.

**Features:**
- Inelastic compression.
- Breathable fabric that improves comfort and compliance.
- Juxtaposed band system for a perfect fit.
- Easily customized on a per-patient basis.
- Easy handling when donning and doffing.
- Built-In-Tension System supports a repeatable level of tension.
- Adjustable to your specific patient’s needs.

**System Includes:**
- Arm system includes: 1 reduction arm component, 1 pair undersleeve arm, 1 customizable hand wrap, 1 Built-In-Tension system guide card, and 1 direction for use.
circaid juxtafit essentials upper extremity

Inelastic compression garment for the arm in custom options.

Indications:
- Mild to severe lymphedema.
- Mild to severe lipedema.

Features:
- Inelastic compression, easily applied with one hand.
- Multiple compression levels (10-20, 20-30, 30-40, 40+ mmHg).
- juxtalock band system allows for easy and instant adjustability of product without removal.
- circaid built-in pressure system (BPS) guide card provides targeted compression ranges for improved results.
- SILVERtec added to prevent static, odor & propagation of bacteria in the garment.
- Designed to accommodate a 5% increase to a 10% decrease in arm size.
- Active & sedentary use.
- Works great with elastic armsleeves, gloves & gauntlets as part of a complete compression system.
- 6-month warranty.
- Custom only.

System Includes:
- 1 armsleeve, 1 black cover up and 1 built-in pressure system (BPS) guide card.
- Please note an undersleeve can be purchased separately if the patient has sensitivity in the elbow crease.
- Cover up arm color options are pink, black & beige.

individualized solutions for circaid custom upper extremity products

juxtafit essentials arm & hand

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partial sleeve (C-E)</td>
<td>Provides coverage only from wrist to elbow.</td>
</tr>
<tr>
<td>Partial sleeve (E-G)</td>
<td>Provides coverage only from elbow to axilla.</td>
</tr>
<tr>
<td>3/4 length sleeve (C-F)</td>
<td>Provides coverage only from wrist to midpoint of elbow and axilla.</td>
</tr>
<tr>
<td>Made of extra-firm material</td>
<td>Adds extra rigidity for large limb sizes but reduces elasticity and range of motion.</td>
</tr>
<tr>
<td>Fingerless glove</td>
<td>Allows for increased finger dexterity. Thumb hole left intact.</td>
</tr>
<tr>
<td>Extended wrist band on glove</td>
<td>Increases standard 4cm wrist length to 7cm or 10cm. Must provide additional measurement for C1.</td>
</tr>
</tbody>
</table>

graduate arm

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stop foam at C</td>
<td>Allows patient freedom of hand if desired.</td>
</tr>
<tr>
<td>Tack thumb hole</td>
<td>Creates a thumb hole in the foam.</td>
</tr>
<tr>
<td>Band locks</td>
<td>Additional D-rings can be sewn to all band ends to prevent the bands from slipping out of the D-ring. Patient must slide garment on with this option.</td>
</tr>
<tr>
<td>Foam lateral rise</td>
<td>Provides additional coverage on lateral aspect without added compression. Available in 2.5cm or 5cm rise only.</td>
</tr>
</tbody>
</table>

juxtafit essentials arm

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visit mediusa.com for additional information.

Clinical References


² “Prospective, Randomized Controlled Trial comparing Adjustable compression Velcro wraps versus inelastic multicomponent compression bandages in the initial treatment of leg lymphedema, Damstra and Partsch.”