Product catalog
Supports and Orthoses

Motion is Life.

Motion is Life: www.bauerfeind.com
Bauerfeind AG is one of the leading manufacturers of medical devices in the world, and with its products and care concepts makes an important contribution to maintaining and restoring health and increasing well-being – for better quality of life. We combine expertise in technology and production, gained over the decades, with the strength of innovation, the tradition of a company led by a middle-class family with global vision. Right from the start, our specialists have worked closely with doctors, scientists and developers. The result is patented, award-winning products and services, with “Made in Germany” quality.

Supports and orthoses
With our modern therapeutic supports and orthoses, we have made it our task to contribute to helping people stay active and mobile into their golden years. Doctors and physiotherapists use our products for prevention, for therapy and to assist the healing process after injury.

Compression stockings
The right compression stocking for every vein problem: VenoTrain compression stockings and tights provide care for mild to the most severe venous disorders. Tested according to the current RAL standard¹, the entire VenoTrain product range guarantees medical effectiveness that targets specific indications and stands out thanks to its breathable materials, wide range of colors and optimal fit. In their standard and custom-made forms, these products equally combine therapeutic benefits and maximum wearing comfort.

Insoles and shoes
We are setting standards across Europe in the field of orthopedic inserts, with traditional products and innovative insert concepts like TRIactive and ErgoPad work. Therapeutic shoes, pressure relief orthoses and the foot care system for patients with foot problems complete the products offered for the orthopedic care of the feet.

Measurement technology
With the pioneering Bodytronic measurement system, Bauerfeind offers the possibility of individually adapting supports, medical compression stockings, foot orthoses and shoes. A guaranteed perfect fit, excellent wearing comfort and maximum medical effectiveness – for high-quality treatment.

¹ RAL-GZ 387, the applicable RAL standard for medical compression stockings, guarantees the medical benefits of these products and indicates their eligibility for reimbursement. The seal of approval is administered by Gütezeichengemeinschaft Medizinische Kompressionsstrümpfe e.V. (Quality label association for medical compression stockings, www.gag-kompressionstruempfe.de).
Supports and Orthoses
Quality down to the last detail

Bauerfeind AG is one of the most innovative companies in the area of orthopedic devices. This is the result of the company’s consistent efforts to innovate, maintain a consistently high standard of product quality and employ the best-qualified staff.

Bauerfeind has taken on the mission of using modern orthopedic technology to make leading an active and pain free life a reality, even well into old age. Bauerfeind’s therapeutic orthopedic supports and orthoses set the standard for medical aids right from the start. They offer support during recovery from injuries, degenerative changes and surgery, as well as provide new levels of mobility. Bauerfeind’s high quality standards guarantee excellent product functionality.

All supports and orthoses conform to the requirements of the German Medical Devices Act and the EU Medical Devices Directive 93/42/EC. CE-certification and the TÜV-seal guarantee quality you can trust. The functional and dynamic designs of Bauerfeind products have received many awards. Additionally, all materials and textiles are tested to prove that they are non-toxic before being implemented.

The Bauerfeind service concept
That you can rely on

It is our aim also to ensure the quality of patient care, for the future as well. This can only be achieved by working with specially suppliers who want to provide their customers with the best possible care as quickly as possible. Our service concept has been approved precisely with the following in mind: efficient transactions, the best advice and tailor-made solutions for providing care. Our sales staff can competently answer product-specific and business questions and are our contacts for joint marketing concepts. To make a rapid search or for convenient online ordering all the necessary information can be found at www.bauerfeind.com.

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Supports and Orthoses

Innovative concepts for greater mobility

...Train  Active Supports

Whenever joint problems stop movement, Train active supports help restore mobility. Bauerfeind’s Train product group offers anatomically knitted compression supports with viscoelastic inserts. Activity is not restricted – on the contrary, Train active supports work with the body to exert a therapeutic effect. The intermittent massage combined with the compression exerted by the specially knitted fabric helps stimulate circulation, enhance metabolism and thus accelerate recovery. We have all the main joints covered with our Train active supports. The breathable materials and quality workmanship are additional features that ensure maximum wearer comfort.

...Loc  Stabilizing Orthoses

The Loc product group includes both splints and orthoses. The focus of the products in this category is stability. This concept characterizes the main features of the Loc group, leading to the following intended benefits: relief, stabilization and support. The Loc products work in a fundamentally different way from the Train active supports, which primarily employ the principle of compression therapy. All Loc products incorporate supporting elements such as metal or plastic bars and are made from modern, breathable materials. As with the Train active supports, Loc stabilizing orthoses are available for the medical management of all of the principal joints.

SecuTec... Functional Orthoses

The primary objective of functional orthoses is to restore and maintain mobility of the locomotor apparatus. They represent an important component in the therapeutic arsenal, thanks to their function-securing, mobilizing and corrective properties. SecuTec can be used directly after trauma or surgery, or conservatively to restore, secure and protect joint function in connection with degenerative conditions. The exclusive use of high-quality materials in the production of SecuTec ensures maximum comfort and patient compliance. These functional orthoses help ensure optimal medical management of the knee and spine.

SofTec/Spinova... Multifunctional Orthoses

Multifunctional orthoses are Bauerfeind’s technically most advanced products. This group includes versatile orthoses that can be adjusted to suit individual patient requirements. Multifunctional orthoses have been designed to meet the demands of modern medical care. At the same time they also satisfy a wide variety of demands due to their innovative structure, construction and design. For example, SofTec Genu can be used in cruciate ligament ruptures and is characterized by a combination of well thought-out details such as the vector-oriented knitted fabric, the technically intelligent joint mechanism and the viscoelastic profile insert. As a result, multifunctional orthoses works dynamically, as well as providing the necessary degree of stability in each case, thus creating the ideal conditions for rapid therapeutic success.

Visco... Viscoelastic Heel Cushions

This superior viscoelastic shock-absorbent product is used exclusively for the foot, relieving pain and redistributing pressure. Visco products can be used to manage a wide variety of foot-related indications, with materials of differing thicknesses, densities and shapes to match the respective function.
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<th>Stabilizing Orthoses</th>
<th>Functional Orthoses</th>
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<tr>
<th>Indication guide</th>
<th>Instructions for custom-made supports</th>
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AchilloTrain®
Active support for relief of the Achilles tendon.

Features
- Highly elastic knit made from breathable material ensures effective compression and excellent wearing comfort.
- The active knitted support is anatomically contoured for maximum comfort.
- The integrated tendon pad is visco-elastic and anatomically contoured.
- A removable heel wedge is integrated into the support.
- A separate heel cushion is also provided for the unaffected leg to offset the length difference.

Mode of action
- The profile insert runs alongside the Achilles tendon to produce uniform application of pressure and a local massage effect during movement. This mode of action improves metabolism locally and reduces edema.
- The integrated viscoelastic heel wedge raises the heel (approx. 6 mm) to relieve the Achilles tendon.
- Coordinated muscle control is assisted via the effect on proprioception.

Indications
- Achillodynia (Tendinosis, paratendinitis, bursitis subachillea, (Haglund's deformity))
- Chronic, post-traumatic or post-operative irritation (e.g. in the case of Achilles tendon ruptures)

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*1 = natural, *7 = black, *8 = titanium, +6 = right, +7 = left, *= size

Pad running along the Achilles tendon
AchilloTrain® Pro
Active support with high-reaching friction insert.

Indications
- Achillodynia (Tendinosis, paratendinitis, bursitis subachillea, [Haglund’s deformity])
- Chronic, post-traumatic or postoperative irritation
- Inflammatory processes in the Achilles tendon

Features
- The new viscoelastic insert is provided with soft, proprioceptive stimulating nubs on the inside as well as longitudinal grooves. The upper third tendon and the muscle-tendon transition with the related operating “nerve endings” (place receptors) are stimulated by two wing-like inserts.

- The knit with integrated stretch zone in the ventral tibia area makes it easier for the patient to apply and remove the support.

- If needed, a heel lift with a shock absorbing heel cushion is recommended.

- The short knit section in the foot area prevents pressure points on the fifth metatarsal bones.

- The active support is anatomically knit to provide an excellent fit and is very comfortable to wear.

- The same design for right and left.

Mode of action
- The continuous transition between compression and decompression (similar to a friction massage) through the integrated nubs accelerates the healing process and through the longitudinal grooves reduces edema.

- The simultaneous proprioceptive stimulation of the nerve endings in the muscle transitions improves muscular control. The sensorimotor quality is positively influenced and the neuromyonal system supported. This leads to synchronization of muscle activities.

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*1 = natural, *7 = black, *8 = titanium, * = size
MalleoTrain®
Active support for muscular stabilization of the ankle.

**Indications**
- Chronic, post-operative and post-traumatic irritation (e.g. after sprains)
- Joint effusions and swellings resulting from osteoarthritis and arthritis
- Tendomyopathies
- Ligamental weaknesses

**Features**
- Highly elastic knit made from breathable material ensures effective compression and excellent wearing comfort.
- Two viscoelastic profile inserts, anatomically shaped and aligned.
- Compression-reduced edges divert pressure at the ends of the support.
- Secure fit through the anatomical knit and lined inserts.

**Mode of action**
- Graduated compression promotes the reabsorption of edema, effusions and hematomas.
- The insert redistributes compression away from the prominent malleoli to the surrounding soft tissues.
- Intermittent compression is exerted during movement to promote circulation via the joint capsule and tendon insertions.
- Effects on sensomotory function support active stabilization of the ankle.

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Made-to-measure: Please find the exact measuring points for MalleoTrain made-to-measure on the detailed measuring block. Made-to-measure in natural and titanium.

Pads contoured around the inner and outer medial and lateral malleoli.
MalleoTrain® S
Active support for increased ankle stability and security during movement.

### Indications
- Ligament insufficiency
- Post-operative rehabilitation
- Slight sprains
- Supination prophylaxis, including during sports activities

### Features
- Active support with the qualities of a functional tape bandage for the ankle.
- Stabilization of the ankle joint in all planes of movement thanks to a 3-level strap system (elastic, inelastic, semi-elastic).
- A strap binds the midfoot with the distal lower leg in the form of a vertical figure of eight.
- The knit is particularly stretchy, breathable and moisture-dissipating for effective compression and excellent wearing comfort.

### Mode of action
- The MalleoTrain S uses the same mechanism as a functional tape bandage and is kind to skin.
- The strengthening of the tactile skin stimulus improves unconscious movement control in the ankle joint during each movement.
- The strength of the strap can be adjusted continuously by means of a Velcro fastening without restricting the normal planes of movement.
- The “figure of eight” stabilizes and protects the ankle joint.

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Standard sizes fit approx. age 10 and up.
MalleoTrain® S open heel

Active support with heel cut-out for increased ankle stability and security during movement.

**Indications**
- Ligament insufficiency
- Post-operative rehabilitation
- Slight sprains
- Supination prophylaxis, including during sports activities
- Prevention

**Features**
- Open heel area for an improved feeling of contact with the ground; specially developed for dancing, gymnastics and martial arts.
- Active support with the qualities of a functional tape bandage for the ankle.
- Stabilization of the ankle joint in all planes of movement thanks to a 3-level strap system (elastic, inelastic, semi-elastic).
- A strap binds the midfoot with the distal lower leg in the form of a vertical figure of eight.
- The knit is particularly stretchy, breathable and moisture-dissipating for effective compression and excellent wearing comfort.

**Mode of action**
- The MalleoTrain S open heel uses the same mechanism as a functional tape bandage and is kind to skin.
- The strengthening of the tactile skin stimulus improves unconscious movement control in the ankle joint during each movement.
- The strength of the strap can be adjusted continuously by means of a Velcro fastening without restricting the normal planes of movement.
- The “figure of eight” stabilizes and protects the ankle joint.

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_standard sizes fit approx. age 10 and up_
MalleoTrain® Plus

Active support for increased ankle stability and security.

Indications

- Chronic, post-traumatic or post-operative irritation of soft tissue in the ankle area
- Early functional treatment of capsular ligament strain in the upper/lower ankle
- Ligament insufficiency
- Supination prophylaxis, particularly during sports activities
- Post-operative rehabilitation

Features

- Active support with the qualities of a functional tape dressing for the ankle.
- Stabilization of the ankle joint in all planes of movement thanks to a 3-level strap system (elastic, inelastic, semi-elastic).
- A strap binds the midfoot with the distal lower leg in the form of a vertical figure of eight.

Mode of action

- The MalleoTrain Plus uses the same mechanism as a functional tape dressing.
- The intensification of the tactile skin stimulus improves the unconscious movement control in the ankle joint during each movement.
- The strength of the strap can be adjusted continuously by means of a Velcro fastening without restricting the normal planes of movement.
- Pads embedded in the medial and lateral sides are wrapped up tightly in a figure of eight pattern and provide extra stability.
- The qualities of the MalleoTrain Plus are effective for preventing injury and in the rehabilitation of previously injured joints.

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<td>11011120080+0°</td>
</tr>
</tbody>
</table>

+6 = right, +7 = left, ° = size

Standard sizes fit approx. age 10 and up
AirLoc®

Stabilizing orthosis for stabilization of the ankle.

**Indications**

- Acute capsular ligament injuries of the ankle
- Chronic ligament instability
- Post-operative rehabilitation
- Relapse prevention
- Stabilization of the ankle joint with restricted pronation and/or supination
- Conservative treatment of ankle joint sprains
- Ankle fractures (Weber A)

**Features**

- AirLoc is a stabilizing orthosis incorporating an innovative flexible shell. This facilitates optimal adaptation to the individual foot width and the degree of swelling.
- The plastic shells are anatomically contoured and therefore fit the ankle comfortably.
- Patient-friendly fitting with four individually adjustable Velcro straps.
- Individually inflatable air cushions facilitate very close fitting for the respective degree of swelling.
- The AirLoc system provides a high degree of stabilization for the ankle.
- The streamlined shell design offers advantages when the shell is worn inside a shoe.
- AirLoc is available in one universal size for the right and left foot.

**Mode of action**

- The orthosis supports sensorimotor function to counteract ankle twisting.
- The orthosis stabilizes the lateral capsular ligaments of the ankle, particularly when used in combination with a shoe.

**Order number**

Available in one universal size

+6 = right, +7 = left

12013031080+00
MalleoLoc®

Stabilizing orthosis for stabilization of the ankle.

**Indications**
- Early functional treatment for injuries of the lateral malleolar ligaments (and the bifurcate ligaments)
- Post-operative protection after ligamental suturing/reconstruction
- Chronic ligament insufficiency
- Conservative treatment of severe ankle joint sprains and ligament ruptures
- Capsular ligament strains
- Prevention of sprains (e.g. during intensive sporting activity)

**Features**
- Optimum treatment quality in emergency treatment, without any need for reshaping. Individual fitting is possible on request.
- The anatomical shape conforms to the outside edge of the foot to counteract supination, even without a shoe, and is also functionally effective.
- Special, anti-fatigue cushion ensures excellent wearing comfort.
- The neuromuscular effect of the plantar guide helps to elevate the foot and thus counteracts supination.
- The Velcro strap system, wound in a figure of eight pattern, ensures that it is quick and easy to put on and guarantees extra comfort.

**Mode of action**
- The orthosis stabilizes the foot by preventing lateral twisting movements of the ankle without appreciably hindering the normal heel-toe stride.
- MalleoLoc is positioned anterolaterally on the joint and counteracts the talar shift, without restricting freedom of movement in the plantar flexion.
- The degree of immobilization can be continuously adjusted without restricting the plantar flexion or dorsal extension.
- The plantar guide helps create neuromuscular effects and thus actively stabilizes the ankle joint through the muscles.

**Size 1=normal 2=wide Order number**

<table>
<thead>
<tr>
<th>Heel width</th>
<th>1=normal</th>
<th>2=wide</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 6 cm</td>
<td>&gt; 6 cm</td>
<td></td>
<td>12013013080+0°</td>
</tr>
</tbody>
</table>

+6 = right, +7 = left, ° = size
CaligaLoc®
Stabilizing orthosis for partial immobilization of the ankle.

Indications
- Conservative treatment of torn ankle ligaments
- Postoperative protection after ligamental suturing/reconstruction
- Temporary stabilization for post-traumatic tarsal sinus syndrome and decompensated instability of the subtalar joint
- Permanent stabilization for chronic instability of the upper and/or lower ankle where surgery is contraindicated

Features
- CaligaLoc is the logical outcome of the development of the proven MHH ankle splint.
- The stability element is anatomically contoured and can be reshaped if necessary.
- CaligaLoc can be worn round the clock, as a support splint in normal shoes during the day and as a postural splint, without shoes, at night.

Mode of action
- CaligaLoc stabilizes the ankle by counteracting supination.
- CaligaLoc prevents abnormal load situations in the upper and, to a certain extent, lower ankle.
- The integrated pronating raised heel section takes the strain off the lateral malleolar ligaments.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoe size&lt;br&gt; 34-38</td>
<td>39-43</td>
<td>44-48</td>
<td>12013004080+0°</td>
<td></td>
</tr>
</tbody>
</table>

+6 = right, +7 = left, ° = size
ValguLoc®
Stabilizing orthosis for the correction of the big toe.

**Indication**
- Hallux valgus – conservative and postoperative treatment

**Features**
- ValguLoc is a postural splint for the correction of hallux valgus.
- ValguLoc is anatomically contoured and its simple construction ensures its ease of use by patients.
- Velcro fastening allows infinitely variable adjustment of the correction pressure.
- ValguLoc is worn without shoes and is not suitable for walking.

**Mode of action**
- The big toe is brought into correct axial alignment by the application of small forces.
- ValguLoc corrects hallux valgus according to the 3-point principle and stretches shortened parts of the capsule and soft tissues.
- Postoperative loss of correction (e.g. due to scar formation), can be avoided, and the splinting helps protect the big toe from mechanical forces.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoe sizes</td>
<td>34-36</td>
<td>37-40</td>
<td>41-46</td>
<td>12013102080+0°</td>
</tr>
</tbody>
</table>

+6 = right, +7 = left, °= size
ValguLoc® II
Stabilizing orthosis for the correction of the big toe.

<table>
<thead>
<tr>
<th>Indications</th>
<th>Features</th>
<th>Mode of action</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Post-operatively after hallux valgus surgery</td>
<td>• Multidimensional hinge</td>
<td>• Post-operative splinting immobilizes the metatarsophalangeal joint.</td>
</tr>
<tr>
<td>• Conservative and functional therapy for hallux valgus malpositioning</td>
<td>– The hallux valgus angle can be adjusted to match the post-op position and adapted to the individual shape of the foot.</td>
<td>• Maintains the post-op position (hallux valgus angle) during mobilization.</td>
</tr>
<tr>
<td></td>
<td>– The setting of the hallux valgus angle does not change during flexion and extension.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>– Flexion and extension can be locked in a range of positions for post-op splinting or immobilization.</td>
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</tr>
<tr>
<td></td>
<td>– The flat construction and the hinge’s shell-shaped anatomical contours unload the metatarsophalangeal joint.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Can be worn in any wide urban footwear thanks to the slim, close-fitting design.</td>
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<tr>
<td></td>
<td>• The anti-fatigue padding and anatomically shaped splint and hinge translate into long-term wearing comfort.</td>
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<tr>
<td></td>
<td>• Easy to put on and take off thanks to the flat Velcro fasteners.</td>
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<tr>
<td></td>
<td>• Thermoformable splint material prevents pressure points from forming.</td>
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</tbody>
</table>

Order number
Available in one universal size
12013160050000
**ViscoHeel®**

Viscoelastic heel cushions for relief of tendons, ligaments and joints.

**Indications**

**ViscoHeel N**
- Osteoarthritis in the leg joints or endoprostheses (shock-absorbing effect)
- Achillodynia – tendomyopathy
- Haglund’s deformity – partial relief
- Leg length differences up to approx. 1 cm (evening out)
- Tarsal bone pain

**ViscoHeel K**
- Varus or valgus alignment of the heel

**Features**

- ViscoHeel heel cushions are made from viscoelastic material that is gentle on the skin.
- The wedge-shaped ViscoHeel heel cushions are anatomically contoured.
- In the ViscoHeel K version the surface of the pad slopes downward on one side.

**Mode of action**

- ViscoHeel reduces impact loads on the ankle, knee, hip and spine.
- The heel pads provide effective relief for calf muscles and tendons.
- The soft cushioning reduces pressure discomfort under the heel.
- ViscoHeel K can be used for pronation (lateral raising) or supination (medial raising).

**Size**

<table>
<thead>
<tr>
<th>Size</th>
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<td>1301700200000*</td>
<td>1301710200000*</td>
</tr>
</tbody>
</table>

*= size
ViscoSpot®
Viscoelastic heel cushions for the treatment of heel spurs.

**Indications**
- Calcaneal spur (Insertion tendopathy of the plantar aponeurosis)
- Osteoarthritis in the leg joints or endoprostheses (shock-absorbing effect)
- Achillodynia – tendomyopathy
- Haglund’s deformity – partial relief
- Leg length differences up to approx. 1 cm (evening out)
- Tarsal bone pain

**Features**
- ViscoSpot is a viscoelastic heel pad with anatomically contoured soft cushioning.
- The wave-like contours between the zones ensure a smooth transition from the firmer to the softer material. This reduces pressure at the edges and makes the orthosis more comfortable to wear.
- ViscoSpot is available for use on either foot (with a compensating pad for the other foot) or both feet.

**Mode of action**
- ViscoSpot produces its effect via three pressure relief zones, with the material becoming less firm from the outside inwards. The softest material (white spot) incorporated in the “calcaneal spur” area provides targeted relief at this point.
- A specially shaped zone (blue spot), which offers an intermediate level of cushioning between that of the white and gray materials, also provides relief for the attachment point for the plantar fascia and a recess along the length of the fascia.
- ViscoSpot reduces impact loads on the ankle, knee, hip and spine.

<table>
<thead>
<tr>
<th>Size</th>
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<th>Order number R+L</th>
<th>Order number R</th>
<th>Order number L</th>
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<td>1301720200060°</td>
<td>1301720200070°</td>
</tr>
</tbody>
</table>

°= size
ViscoBalance®
Viscoelastic heel cushion for leg-length differences.

Indications
• Leg-length differences
• Achilles tendon symptoms (achillodynia)

Features
• ViscoBalance is a leg-length equalizer made from a viscoelastic, skin-friendly material.
• The leg-length equalizer is available in four sizes and three different heights, 3 mm, 5 mm and 10 mm.
• ViscoBalance non-slip heel cushions can be worn in walking, sports and work shoes and can be changed from one shoe to the other without difficulty.

Mode of action
• Posture-related spinal, knee and hip symptoms can be improved as a result of the corrected length discrepancy.
• ViscoBalance reduces the shock load on ankles, knees, hips and spine.

<table>
<thead>
<tr>
<th>Size</th>
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<tr>
<td>Height 10 mm</td>
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<td>36-39</td>
<td>40-43</td>
<td>44-47</td>
<td>1301743005000*</td>
</tr>
</tbody>
</table>

*= size
ViscoPed®
Viscoelastic insoles for the reduction of shock loads.

**Indications**
- Plantar pain
- Forefoot and toe deformities
- Pressure redistribution
- Arthralgia

**Features**
- ViscoPed is a sole-length viscoelastic insert.
- ViscoPed incorporates a metatarsal pad and a slightly contoured arch support.
- ViscoPed inserts are non-slip and can be worn in walking, sports and work shoes.

**Mode of action**
- The viscoelastic inserts reduce shock loads, particularly in the forefoot and heel areas.
- Special soft pads in the metatarsal head (MTH) and heel areas reduce load peaks and alleviate, or eliminate, painful irritation.
- ViscoPed reduces impact loads on the ankle, knee, hip and spine.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Order number</th>
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<tbody>
<tr>
<td>Shoe sizes</td>
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<td>39-40</td>
<td>41-42</td>
<td>43-44</td>
<td>45-46</td>
<td>1301730000000*</td>
</tr>
</tbody>
</table>

* = size
GenuTrain®

Active support for relief and stabilization of the knee.

Indications
• Irritation (Tendomyopathy, ligament insertion degeneration, meniscopathy, osteoarthritis, arthritis, and chronic, post-traumatic or post-operative treatment)
• Tendency toward instability
• Relapsing joint effusion

Features
• New Omega pad
  Integrated, ring-shaped viscoelastic pad surrounds the patella with two pressure points on the distal section of the pad and two lateral wings at the level of the menisci.
• New knitted fabric concept: highly elastic, breathable and moisture-wicking for excellent wearing comfort.
• New especially soft knit fabric for the popliteal area.
• Anatomically knit for an optimum fit and highly secure positioning.
• Compression-reduced edges divert pressure at the ends of the support.
• New integrated donning aid makes the support easier to put on.
• Lateral and medial zinc-coated steel wire stays
• The same design for right and left.

Mode of action
• The Omega pad redistributes compression away from the patella to the surrounding soft tissues.
• Knee joint movement massages the parapatellar soft tissue structures through the formed padded ring.
• The compression and massage effects accelerate the reabsorption of edema and effusions and help relieve pain.
• The pressure points of the Omega pad exert pressure on the infrapatellar fat pad. They reduce pressure and alleviate pain in the retropatellar area.
• The lateral wings of the Omega pad reach the front parts of the meniscus and reduce pain by exerting intermittent compression.
• Complex stimulation of the proprioceptors by the support has a positive effect on the sensorimotor system and thus on muscle control.

Size 0 1 2 3 4 5 6 7 Order number
1 Circumference below in cm 25-28 28-31 31-34 34-37 37-40 40-43 43-46 46-49 110412050
2 Circumference above in cm 35-38 38-41 41-44 44-47 47-50 50-53 53-56 56-59

Made-to-measure: Please find the exact measuring points for GenuTrain made-to-measure on the detailed measuring block.
Made-to-measure in natural and titanium.
GenuTrain® P3

The active knee support that improves patellar tracking.

Indications

- Patellofemoral pain syndrome (chondropathy, chondromalacia)
- Lateralization of the patella (dislocation tendency)
- Post-operative, e.g. lateral release surgery
- Patellar tendonitis
- Feeling of instability
- Anterior knee pain
- High-riding patella
- Runners Knee / Jumpers Knee

Features

- The new anatomically formed pad makes for a lightweight brace. It helps secure its position and makes it more comfortable to wear.
- The adjustment strap is located at the lateral patellar margin.
- There are two friction points on the distal section of the pad.
- The proximal section of the pad extends to the muscle-tendon junction of the vastus medialis muscle.
- A crescent-shaped medial patella cover is integrated into the patella recess in the pad.
- The muscle-relaxing pad (the world’s first) is located lateral to the upper edge of the brace.
- Lateral and medial zinc-coated steel wire stays

Mode of action

- External compression accelerates the absorption of edema and effusion. Proprioception is enhanced helping joint stability.
- The soft knit fabric used for the popliteal area provides both excellent wearing comfort and medically effective compression.
- Together with the adjustment strap the pad centers the patella. It stops the patella from drifting laterally.
- After surgery, the corrective guide ensures positive surgical outcomes.
- The friction points reduce pressure and alleviate pain in the retropatellar area.
- The alternating compression of the three-dimensional anatomically formed knit fabric, in combination with the new pad shape that sits on the vastus medialis muscle, reduces pain and stimulates metabolism. Proprioception is improved and helps joint stability.
- The medial patella cover counteracts the medial tilting of the patella during activity. This helps physiological movement of the patella.
- Utilizing sensory-motor feedback, the muscle-relaxing pad slightly relaxes the iliobibial tract on the lateral patellar retinaculum, minimizing the lateral pull on the patella. This takes the strain off the patella and pain is reduced.

Size

<table>
<thead>
<tr>
<th>Size</th>
<th>Circumference below in cm</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
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<tbody>
<tr>
<td>1</td>
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<td>28-31</td>
<td>31-34</td>
<td>34-37</td>
<td>37-40</td>
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<td>45-48</td>
<td>48-51</td>
<td>51-54</td>
<td>54-57</td>
</tr>
</tbody>
</table>

Order number: 110414030°Δ+0°

+0° = without siliconization, +Δ = with siliconization

*1 = natural, *7 = black, *8 = titanium, +6 = right, +7 = left, * = size

Made-to-measure: Please find the exact measuring points for GenuTrain P3 made-to-measure on the detailed measuring block.

Made-to-measure in natural.
GenuTrain® A3
The active support for complex treatment of knee pain.

Indications
• Irritation of soft tissue in the knee joint, especially osteoarthritis of the knee (chronic, post-traumatic and post-operative, ligament insertion degeneration and tendomyopathy)
• Knee pain with functional instability due to general muscular imbalance
• Patellar lateralisation
• Varus osteoarthritis
• Relapsing joint effusion

Features
• New knitting concept: particularly stretchy, breathable and moisture wicking for effective compression and excellent wearing comfort.
• The newly developed insert form encompasses typical pain areas and important receptor zones of the knee joint.
• In addition, the viscoelastic insert has friction zones that are covered with nubs.
• The patella corrective guide is imbedded in the insert zone.
• The breathable, anatomical knit is very comfortable to wear.
• Two spiral stays located on the sides retain the shape of the knit.
• A special, non-irritative weave is incorporated in the critical area behind the knee.
• A stretch zone in the lower leg area facilitates application and removal.
• Lateral and medial zinc-coated steel wire stays

Mode of action
• The compression/decompression effect resulting from movement similar to a friction massage promotes the reduction of edema and resorption of swelling. This accelerates the healing process and leads to pain reduction in the medial subcapsular ligament area.
• The stimulation of skin receptors and nerve endings in the muscle-tendon transition supports the neuro-myonal system. This leads to a synchronization and activation of musculature. The vastus medialis is stimulated in particular. The rectus tendon is left free.
• The integrated corrective guide counteracts patellar drifting.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Circumference below in cm</td>
<td>28-31</td>
<td>31-34</td>
<td>34-37</td>
<td>37-40</td>
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<td>44-47</td>
<td>47-50</td>
<td>50-53</td>
<td>53-56</td>
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</tr>
</tbody>
</table>

*1 = natural, *8 = titanium, +6 = right, +7 = left, ° = size
GenuTrain® S
Active support with sidebars.

Indications
- Mild to moderate instability
- Osteoarthritis of the knee
- Arthritis (e.g. rheumatoid arthritis)

Features
- The anatomically shaped bars can be heated and reshaped and are inserted in lateral guide channels.
- The sidebars are additionally secured with circular, inelastic straps.
- New knitting concept: particularly stretchy, breathable and moisture wicking for excellent wearing comfort especially in the popliteal area.
- Special knitting techniques make the support extremely comfortable to wear, including behind the knee.
- A circular viscoelastic insert surrounds the patella and facilitates correct positioning of the support.

Mode of action
- The combination of joint bars and a strap system provides added passive support to the knee.
- The positive effect on the sensorimotor system provides added active support to the knee.
- Knee activity moves the padded ring, thereby massaging the parapatellar soft tissue structures.
- The compression and massage effects accelerate the reabsorption of edema and effusions.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
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<th>4</th>
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<th>Order number</th>
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<tr>
<td>1 Circumference below in cm</td>
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<td>31-34</td>
<td>34-37</td>
<td>37-40</td>
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<td>47-50</td>
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<td>53-56</td>
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</tbody>
</table>

*1 = natural, *7 = black, *8 = titanium, +6 = right, +7 = left, * = size
GenuTrain® S Pro

Active support with adjustable joints for lateral stabilization.

**Indications**
- Mild and moderate instability
- Osteoarthritis of the knee
- Arthritis (e.g. rheumatoid arthritis)
- Meniscus injuries

**Features**
- The anatomically shaped hinges can be adapted for better overall fit.
- The hinges can be restricted to 30°, 60° or 90° flexion and 20° extension.
- Biomechanically advantageous strapping system provides proper anatomical fit and enhanced knee stability.
- Three dimensional Train knit provides appropriate compression for enhanced pain relieve.
- Soft knit behind knee decreases instances of skin irritation, improving compliance.
- Anatomically designed patellar ring protects the patella and facilitates the correct positioning of the support.

**Mode of action**
- Adjustable ROM allows for proper treatment during therapy.
- The combination of joints and innovative strapping system enhances knee stability and confidence.
- Improved proprioceptive stimulation through compression provides improved awareness and stability.
- The design of patellar ring allows for intermittent compression during movement, enhancing the pain relieving effects of the support.
- The improved compression of the Train Knit helps to reduce swelling and improve healing.

**Size**

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
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<td>53-56</td>
</tr>
</tbody>
</table>

*1 = natural, *7 = black, *8 = titanium, +6 = right, +7 = left, ° = size

**Order number**

110413500°0+0°
MyoTrain®
Support for the treatment of muscle injuries to the thigh.

Indications

• Muscle injuries to the thigh (especially cramps, pulls, ruptures, tears)

• Prevention, especially of repetitive injuries

• Muscle bruising on the thigh

• Additional support for follow-up treatment

Features

• The anatomical knit, siliconized and pressure-reducing edges ensure an optimal fit and excellent comfort.

• Both pads (acute and functional pads) can be added and removed; MyoTrain can also be worn without pads.

• The Velcro straps make it easy to put on and remove and provide individualized compression.

• The anatomical knit also provides a proprioceptive effect, even when used without the straps.

• The same design for right and left.

Mode of action

• MyoTrain works according to the principles of so-called muscle suspension bands (taping) using compression.

• Immediately following injury, an additional, smaller acute pad can add targeted compression to stop hemorrhaging and the spread of hematoma.

• The larger functional pad adds compression to the area around the injury to minimize the edematous swelling that typically arises.

• The lengthwise ribbing along the surface of the function pad improves lymphatic circulation.

• MyoTrain regulates muscle tone and prevent reoccurring injuries.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
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<td>47-50</td>
<td>50-53</td>
<td>1103250008000*</td>
</tr>
<tr>
<td>2 Circumference in cm</td>
<td>44-48</td>
<td>48-52</td>
<td>52-56</td>
<td>56-60</td>
<td>60-64</td>
<td>64-68</td>
<td>68-72</td>
<td>* = size</td>
</tr>
</tbody>
</table>

Optional:

functional pad and small acute pad
SofTec® Genu
Multifunctional orthosis for stabilization of the knee.

**Indications**
- Rupture of the anterior and/or posterior cruciate ligament
  - Conservative treatment
  - Pre-operative and delayed post-operative treatment
  - Long-term rehabilitation – sports therapy
  - Chronic insufficiency
- Severe and/or complex instability (traumatic, degenerative; e.g. “unhappy triad”)
- Functional instability (e.g. lack of neuromuscular control)
- Conservative functional treatment of collateral ligament injuries
- Treatment of “unstable knee joint”
  - Severe osteoarthritids of the knee
  - Rheumatoid arthritis – progressive chronic polyarthritis
  - Endoprosthesis – secondary rehabilitation
  - Traumatology – post-traumatic
- To restrict the range of movement of the knee (e.g. after meniscal suturing or meniscal implantation)

**Features**
- The contoured knit is breathable and provides large surface area contact with the leg.
- Because the anatomically shaped fabric provides large surface area contact with the leg, it prevents local pressure points from forming and it supports muscle activity.
- The anatomically knitted material consists of sections that are inelastic in one direction and other sections with particularly high-tension stability.
- Four inelastic Velcro straps produce a stable, circular frictional connection.
- The lateral aluminum sidebars are anatomically contoured.
- Special orthosis hinges adapt themselves, independently of each other, to the compromise pivot points and thus take into account the position of the individual compromise axis of rotation of the knee in three-dimensional space.
- The hinges permit restriction of extension and flexion in 10° intervals.
- The pad ensures simple and correct positioning of the orthosis against the leg.

**Mode of action**
- The tension-stable inelastic knitted section in combination with the sidebars and Velcro straps stabilize the knee in a 4-point system.
- Because the fabric is flexible, the orthosis allows muscle movements to occur simultaneously.
- The three-dimensional adjustment of the orthosis hinges to the individual compromise axis of rotation avoids harmful constraining forces on the knee.
- The pad supports the correct positional control of the patella and counteracts anterior knee pain.
- The compression knit and pad massage accelerate the reabsorption of effusions and edematous swellings.
- Stimulation of the proprioceptors by the special knit has a positive effect on the sensorimotor system and thus on muscle control.

<table>
<thead>
<tr>
<th>Size</th>
<th>C1</th>
<th>C2</th>
<th>C3</th>
<th>C4</th>
<th>C5</th>
<th>C6</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>32-35</td>
<td>35-38</td>
<td>38-41</td>
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<tr>
<td>2</td>
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<td>36-40</td>
<td>39-43</td>
<td>42-46</td>
<td>12946011070000</td>
</tr>
</tbody>
</table>

*7 = black, *8 = titanium, +6 = right, +7 = left, * = size
**SofTec® OA**

Multifunctional orthosis for relief of the medial knee compartment.

**Indication**

- Medially affected osteoarthritis of the knee

**Features**

- The breathable, anatomically contoured knit, in addition to the large surface area in contact with the leg and excellent fit, makes the brace a pleasure to wear.
- The SofTec knit provides a high degree of tension stability and the greatest possible muscle play.
- Two pads over the proximal and distal edges of the patella indicate the correct fit of the orthosis.
- Two zippers allow for easy fitting.
- Four non-elastic straps on both the upper and lower legs permit fine adjustment and secure the orthosis against any rotational forces that occur during movement.
- The anatomically contoured carbon-fiber sidebars can be heated and reshaped.
- The shells are connected by an extremely efficient, flat, duo-centric hinge that ensures effective load transfer of the whole system to the leg.
- The patient can adjust the valgus pressure at any time as required by filling and emptying the air bladder.
- Silicone pads are positioned between the air bladder system and the surface of the leg.
- Prior to any modifications or washing, the functional element can easily be removed from the fabric pocket of the knitted section by undoing the Velcro fastenings.

**Mode of action**

- The functional element with the tensionstable knit and strap system relieves the medial knee compartment according to the 3-point principle.
- The valgus force can be varied individually by the patient according to the symptoms.
- The knitted section helps activate the muscles, and thus stabilize the joint, via sensomotory mechanisms.
- Its support effect accelerates the decline of soft tissue irritation, edematous swellings and joint effusions.

<table>
<thead>
<tr>
<th>Sizes</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Circumference in cm above</td>
<td>41-45</td>
<td>44-49</td>
<td>48-53</td>
<td>51-57</td>
<td>54-60</td>
<td>57-63</td>
<td>60-66</td>
<td>122468000*0=0°</td>
</tr>
<tr>
<td>1 Circumference in cm middle</td>
<td>32-35</td>
<td>35-38</td>
<td>38-41</td>
<td>41-44</td>
<td>44-47</td>
<td>47-50</td>
<td>50-53</td>
<td>*7 = black, *8 = titanium, +6 = right, +7 = left, °= size</td>
</tr>
</tbody>
</table>
SecuTec® Genu
Functional orthosis for stabilization of the knee.

Indications
- Instability after rupturing the anterior and/or posterior cruciate ligament (ACL/PCL)
- After ligament surgery/syndesmoplasty
- Severe and/or complex instability (traumatic, degenerative)
- To restrict the range of movement of the knee (e.g. after collateral ligament injuries, meniscal suturing or meniscal implantation)
- Conservative and post-operative therapy after patella fractures

Features
- SecuTec Genu is extremely light.
- The thin aluminum frame is anatomically contoured, flat and fits closely to the body.
- The special frame construction provides a simple and effortless leg-geometric fit with respect to the joint plane.
- The specially processed aluminum alloy makes the frame extremely light, stable and formable.
- The orthosis can be applied from the front of the leg.
- The physiological hinges can be easily adjusted for various therapeutic needs while on the leg. With 4-point security, the bi-axial hinge is highly stable.
- The orthosis can be applied from the front of the leg.
- The specially processed aluminum alloy makes the frame extremely light, stable and formable.
- The physiologically hinges can be easily adjusted for various therapeutic needs while on the leg. With 4-point security, the bi-axial hinge is highly stable.
- The lower, distal strap near the joint is highly adjustable to fit the calf shape.
- To treat the PCL, the proximal strap near the joint can be shifted ventrally.
- To treat a complex instability, an additional strap can be used.
- Flexion and extension can be limited independently from each other. (Flexion: 0°, 10°, 20°, 30°, 45°, 60°, 75°, 90°, 120°) (Extension: 10°, 20°, 30°, 45°)
- The knee orthosis is based on the proven 4-Point-Principle.
- The torsionally stiff frame construction counteracts the anterior/posterior drawer effect and stabilizes the knee against varus/valgus forces.
- Possible constraining forces exerted by the orthosis on the knee are minimized through adaptation of the anatomically contoured frame to the duo-centric hinges.

Size 1 2 3 4 5 6 Order number
1 Circumference below in cm 28-32 31-35 34-38 36-41 39-44 42-46 12146140050+0°
2 Circumference above in cm 38-42 41-45 44-49 48-53 51-57 57-60
+6 = right, +7 = left, °= size

Joints can be restricted
Non-slip cushion on the inside of the strap
**MOS-Genu®**  
Functional orthosis for stabilization of the knee.

### Indications
- **Conservative treatment**  
  - Functional therapy of injuries to the cruciate and collateral ligaments  
  - Severe and/or complex instability  
  - Relief of the affected compartment in cases of varus/valgus osteoarthritis
- **Post-operative treatment, MOS-Genu short**  
  - After ligament surgery/syndesmoplasty  
  - Meniscal suturing and meniscal implantation
- **Post-operative treatment, MOS Genu long**  
  - After tibial osteotomy  
  - After complex ligament reconstructions  
  - In individual cases it is also indicated for fractures located close to joints, implant surgery and protection
- **MOS-Genu short/long (with cross-strap)**  
  - Genu recurvatum

### Features
- The aluminum frame is anatomically contoured and can subsequently be reshaped as required.
- The frame design is available as a long version that can readily be converted to the standard length by removal of the extension shells.
- The shell pads with a breathable, nonslip, skin-friendly coating ensure a secure fit with Velcro fastenings.
- The monocentric joints are aligned with Nietert’s compromise pivot axis and permit restriction of extension and flexion in 10° intervals.
- Condylar pads of differing thicknesses can be used to compensate for knee swelling of varying severity.
- An optional popliteal strap is used to stabilize the knee in the event of posterior instability or genu recurvatum.

### Mode of action
- The knee orthosis is based on the known 4-Point-Principle and thus counteracts the anterior drawer phenomenon.
- The varus/valgus adjustment permits adaptation to the patient’s individual leg axis and targeted relief of the knee compartment and lateral ligament.
- The frame design stabilizes the knee against varus/valgus forces; the long version has a longer lever arm.
- The popliteal strap takes the strain off the orthosis hinges by preventing hyperextension.
- The dorsal pressure exerted by the popliteal strap counteracts the posterior drawer phenomenon.
- Possible constraining forces exerted by the orthosis on the knee are minimized through adaptation of the frame to the monocentric hinges.

### Size and Measuring

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Order number/Short</th>
<th>Order number/Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. knee width in mm</td>
<td>85-95</td>
<td>95-105</td>
<td>105-115</td>
<td>115-125</td>
<td>125-135</td>
<td>12146604051+0°</td>
<td>12146604052+0°</td>
</tr>
</tbody>
</table>

+6 = right, +7 = left, °= size  
**Measuring:** To determine the size of the MOS-Genu knee orthosis, the patient’s knee should be flexed at 30° and the angle of flexion should be checked using the MOS Goniometer. Maximum knee width is measured at the femoral condyle using the MOS-Genu Orthometer (without applying pressure). The orthosis size is read off from the inspection window. If the measurement is on the border between two sizes, the degree of swelling or atrophy and the width of the other knee should be taken into consideration.
GenuLoc®

Stabilizing orthosis for immobilization of the knee.

**Indications**

- Pre-operative, post-operative or post-traumatic treatment, for temporary immobilization of the knee
- Conservative treatment of patella fractures

**Features**

- The supporting material is breathable and washable.
- Velcro straps facilitate easy fitting of GenuLoc to the recently injured or postop knee.
- Two integrated, anatomically contoured dorsal aluminum bars permit individual adaptation of the desired knee flexion angle.
- The aluminum bars are contoured to ensure a knee flexion angle of 20°.
- Lateral Velcro strips allow for individual adaptation to the respective leg circumference.
- Lateral plastic bars stretch the supporting material and adapt themselves to the angle of the aluminum bars.
- The same design for right and left.

**Mode of action**

- The bar immobilizes the leg at a preset knee flexion angle.
- The pad behind the knee provides added support and enhances the secure positioning of the immobilization bar against the leg.

Order number

Available in one universal size

12043200070000
SofTec® Coxa
Multifunctional orthosis for stabilization of the hip joint.

Indications
- Conditions following hip joint dislocation
- Total hip replacement surgery
- Total hip revision surgery
- Femoral head resection (Girdlestone arthroplasty)
- Hip spacer for two-stage revision procedures
- Moderate to severe osteoarthritis of the hip
- Instability of the hip joint

Features
- Very comfortable to wear due to the use of breathable materials that are gentle on the skin.
- Comfortable and easy for the patient to put on due to Velcro fasteners with well-placed finger holds.
- The anatomically shaped pelvic harness that is integrated into the fabric guarantees that the orthosis can be positioned easily and correctly.
- The three-part pelvic harness can be adjusted to fit different girths using a simple insertion principle.
- The fabric portion and the tension straps on the pelvic and thigh harnesses can be trimmed to fit.
- The monocentric orthotic joint ensures an anatomically correct fit and makes it possible to optimally manage the care of the hip joint.
- The off-center joint geometry makes it possible to set abduction/adduction and flexion/extension in separate steps.
- The extension and flexion of the joint can be limited in 10° increments from -10° to +90°. Adduction and abduction can be adjusted continuously between -6° and +6°.
- The joint is available in offset and straight versions and can be used for either the right or left hip.
- The orthosis can be adjusted at the bedside and on a supine patient.
- The same design for right and left.

Mode of action
- The orthosis holds the head of the joint securely into the socket by a combination of:
  - secure positioning of the pelvic harness on the iliac crests
  - individual adjustment of the lateral thigh harness and
  - adapting the orthosis hinge to suit the indication.
- This limitation of movement ensures positive surgical outcomes.
- Movements that could otherwise lead to recurrent dislocation are avoided.
- The combination of a soft fabric and a flexible pelvic shell creates uniform contact pressure, which securely immobilizes the joint head in the socket.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Order number/joint offset*</th>
<th>Order number/joint straight**</th>
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<tr>
<td>Body circumference in cm</td>
<td>75-95</td>
<td>95-115</td>
<td>115-135</td>
<td>1222524008000*</td>
<td>1222525008000*</td>
</tr>
</tbody>
</table>

* = size
* = women, ** = men
DorsoTrain®

Active support with stabilizing functional elements.

**Indications**
- Degeneration/muscular insufficiency of the spine
- Osteoporosis
- Stable, osteoporotic vertebral fractures

**Features**
- DorsoTrain is an orthosis for straightening and supporting the spine.
- DorsoTrain incorporates 35 cm long fiberglass reinforced plastic stays (reclinator) that run alongside the vertebrae.
- The reclinator is anatomically contoured and can be adapted to the individual as required.
- Maximum freedom of movement.
- Breathable, skin-friendly textile fibers make DorsoTrain extremely comfortable to wear.
- The supple body material ensures an ideal fit and is one of the reasons for the particularly good patient compliance.
- The combination of a long zipper and a front-facing gusset fastener guarantee easy fitting and removal of DorsoTrain.

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**Mode of action**
- The spinal column is straightened and supported by a semi-flexible reclinator combined with non-elastic functional zones on the body section.
- The waist belt permits individual adjustment of the compression exerted on the abdominal cavity.

### Size Chart

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Order number/Short</th>
<th>Order number/Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>32-34/S</td>
<td>36-38/M</td>
<td>40-42/L</td>
<td>44-46/XL</td>
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</tbody>
</table>

= size

Long = height > 170 cm
Short = height ≤ 170 cm
LumboTrain®
LumboTrain® Lady

Active support for muscular stabilization of the lumbar spine.

Indications
- Acute and chronic low back pain
- Degenerative diseases of the lumbar spine (e.g. Osteochondrosis, Spondylarthrosis, lumbar deformities, spondylolysis without vertebral displacement)
- Post-operative/post-traumatic treatment
- Conservative treatment following prolapse

Features
- Anatomically contoured, individually adjustable, knitted active support for maximum comfort.
- Practical hand straps mean that the support can be fitted easily without the need to expend considerable effort.
- The perforated closure gives increased air permeability.

Mode of action
- The combination of active support and viscoelastic massage pad relieves pain, helps ease tension and activates muscle control via enhanced proprioception.

LumboTrain®

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body circumference in cm</td>
<td>70-80</td>
<td>80-90</td>
<td>90-100</td>
<td>100-110</td>
<td>110-120</td>
<td>120-130</td>
<td>130-145</td>
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</table>

*LumboTrain® Lady

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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<td>Body circumference in cm</td>
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<td>100-110</td>
<td>110-120</td>
<td>120-130</td>
<td>130-145</td>
<td>1108411408000°</td>
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</tbody>
</table>

*LumboTrain® Lady Back pad
Perforated fastening with air pores

*LumboTrain® Lady

Perforated fastening with air pores
LordoLoc®

Stabilizing orthosis for relief of the lumbar spine.

Indications

- Pain in the lumbar spine area
- Degeneration/muscular insufficiency of the spine (moderate)

Features

- LordoLoc is a lightweight stabilizing orthosis for the lumbar spine and lumbosacral transition with muscle-activating and relieving properties.
- The elastic, breathable product adapts itself to the anatomy, and boasts a compact design for maximum comfort.

Mode of action

- The flexible stays integrated at the back can be adapted individually to provide anatomically correct support for the affected area.
- The additional elastic tension straps permit individually adjustable compression and thus variable adjustment of the stabilizing effect.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body circumference in cm</td>
<td>70-80</td>
<td>80-90</td>
<td>90-100</td>
<td>100-110</td>
<td>110-120</td>
<td>120-130</td>
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</table>

*= size
SacroLoc®

Stabilizing orthosis for relief of the pelvis and the sacroiliac joints.

Indications
- Diseases of the sacroiliac joint (SI joint syndrome, SI joint arthrosis, SI joint instability)
- Sacroiliac joint blockage (acute and prophylactic)
- Myalgia and tendinopathy in the pelvic region
- Pelvic girdle instability (e.g. symphysis rupture and relaxation)
- Structural disturbances following spondylodeseses in the transition from L5 to S1
- Conservative treatment following pelvic fractures

Features
- Two-part friction pad for targeted effect.
- Combination of elastic and inelastic fabric and functional straps so degree of stabilization can be individually adjusted.
- Anatomical shape for high wearing comfort and secure fit.
- This orthosis can be put on comfortably with little effort thanks to its practical hand straps.
- High patient compliance because this orthosis can be worn undetected under clothing.

Mode of action
- The two-part pad promotes blood flow to the ligaments and muscles through micromassage.
- The proprioceptive input improves muscle tone.
- The orthosis stabilizes and relieves the sacroiliac joint and pelvis with its combination of elastic and non-elastic knitted fabric.
- The intensity of stabilization can be individually adjusted with the functional straps.

Size 1 2 3 4 5 Order number
Pelvic circumference in cm 70-85 85-100 100-115 115-130 130-145 1208416108000°
°= size
LumboLoc
Stabilizing orthosis for relief of the lumbar spine.

**Indications**
- Pain in the lumbar spine area
- Degeneration/muscular insufficiency of the spine (moderate)

**Features**
- The anatomically-contoured knit ensures individual adaptation to the patient’s shape for maximum comfort.
- Practical hand straps mean that the support can be fitted easily without the need to expend considerable effort.

**Mode of action**
- The stabilizing orthosis relieves the back by individually-adjustable compression of the abdominal cavity.
- Anatomically contoured corset stays incorporated at the back facilitate an anatomically correct posture in the area of the lumbar spine, while permitting problem-free individual adaptation to the patient’s shape.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body circumference in cm</td>
<td>70-80</td>
<td>80-90</td>
<td>90-100</td>
<td>100-110</td>
<td>110-120</td>
<td>120-130</td>
<td>1218400308000*</td>
</tr>
</tbody>
</table>

*= size
LumboLoc® Forte

Stabilizing orthosis for optimal spinal posture and relief of the lumbar spine.

**Indications**

- Moderate lumbosciatica with slight deficiencies in the case of intervertebral disk protrusions/prolapse
- Moderate radicular/pseudoradicular lumbar syndrome
- Spondylolisthesis, grade I
- Moderate lumbar deformities
- Conditions following intervertebral disk surgery

**Features**

- Anatomically-contoured, knitted stabilizing orthosis ensures individual adaptation to the patient’s shape for maximum comfort.
- Practical finger pockets and LPT strap system (Low Power Tension) mean that the orthosis can be fitted easily without the need to expend considerable effort.

**Mode of action**

- Anatomically-contoured corset stays incorporated at the back facilitate an anatomically correct posture in the area of the lumbar spine, while permitting problem-free individual adaptation to the patient’s shape.
- The lumbar spine is relieved by the individually adjustable compression of the abdominal cavity.
- The adjustable function strap permits individual adjustment of the force exerted, with respect to location and intensity, and supports the effect of the pad.
- A back pad that can be adapted to the correct anatomical position exerts continuous, extensive massage of the back muscles (lumbar or sacral pad). Stabilizing orthosis and pad form one functional unit.

**LumboLoc® Forte**

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body circumference in cm</td>
<td>70-80</td>
<td>80-90</td>
<td>90-100</td>
<td>100-110</td>
<td>110-120</td>
<td>120-130</td>
<td>1218403008000*</td>
</tr>
</tbody>
</table>

*° = size

**LumboLoc® Forte pads**

<table>
<thead>
<tr>
<th>Available in one universal size</th>
<th>Order number Lumbar pad</th>
<th>Order number Sacral pad</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12184050050001</td>
<td>12184040050001</td>
</tr>
</tbody>
</table>
SecuTec® Dorso

Functional orthosis for the graduated support of the lumbar and lower thoracic spine.

**Indications**
- Spondyloysis/spondylolisthesis
- Surgical after discectomy
- Conservative treatment after prolapse
- Osteoporosis
- Degeneration/muscular insufficiency of the spine

**Features**
- The anatomically-contoured knit ensures an optimal fit.
- The LPT strap system (Low Power Tension) permits the application of considerable force against the body without much effort on the patient’s part.
- Practical finger pockets mean that the support can be fitted easily without the need to expend considerable effort.
- Maximum comfort thanks to the skin-friendly, breathable, lightweight materials.
- The corset stays can be individually shaped for an anatomically correct fit.

**Mode of action**
- The eight-ten corset stays arranged in a circle around the back are structurally linked in the grid system. The compression exerted on the abdominal cavity by the base material of the orthosis relieves the lumbar spine and provides added support up to the lower thoracic spine.

**Integrated grid system**

**Anatomically contoured corset stays**

**Size**

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body circumference in cm</td>
<td>75-85</td>
<td>85-95</td>
<td>95-105</td>
<td>105-115</td>
<td>115-125</td>
<td>125-135</td>
<td>1218470008000*</td>
</tr>
</tbody>
</table>

* = size
**SofTec® Dorso by Prof. Harms**

**Multifunctional orthosis for straightening and stabilizing the spine.**

### Indications
- Stable vertebral fractures (up to TH 8)
- Conservative treatment of tumors (metastases) and spondylitis
- Osteoporosis
- Spondylodesis
- Post-operative stabilization
- Scheuermann’s disease

### Features
- SofTec Dorso is a hyperextension orthosis for stabilization of the lumbo-sacral transition (L2–T8) and for straightening the spinal column.
- The CFR rods (carbon-fiber reinforced plastic) are arranged parallel to the spine, which means that, during postoperative use, no direct pressure is exerted on the wound area.
- The straightening shoulder strap and the tension straps permit adjustment of the intensity of the force exerted against the body without much effort on the patient’s part. The finger pockets mean that frail and elderly patients in particular can apply the support with ease and without the need to expend considerable effort.
- SofTec Dorso is extremely comfortable to wear, thereby ensuring a high degree of patient acceptance.

### Mode of action
- The tension-stable special knit, together with the CFR frame and the additional fitting of a stabilizing carbon cross, act together to secure the pelvis.
- SofTec Dorso is designed to counteract kyphosis.
- The degree of flexibility of the CFR frame is infinitely adjustable.
- The straightening shoulder strap permits continuously adjustable load transfer according to the needs of the individual patient.

### Specifications

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>Order number/Short</th>
<th>Order number/Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body circumference in cm</td>
<td>75-90</td>
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<td>105-120</td>
<td>120-135</td>
<td>1228490008100°</td>
<td>1228490008200°</td>
</tr>
</tbody>
</table>

*° = size
Versions: Long > 170 cm height
Short < 170 cm height
**NEW**

**Spinova® Immo**

Multifunctional orthosis for stabilization of the lumbar spine and the lumbosacral area.

**Indications**

- Immobilization of the spine (pre-operative, post-operative, post-traumatic, inflammatory diseases)
- Conservative treatment of simple and stable fractures

**Features**

- A new type of closure system on the adjustable tension-strap system makes it easy to adjust the individual circumference and the therapeutic compression level that is required.
- Adjustment of the force that is suitable for the indication directly at the spine, thanks to height-adjustable tension-straps.
- The product is supplied with anatomically shaped plastic half-shells which can be easily adapted to suit the individual shape of the pelvis.
- Integrated aluminum stays allow the Spinova back setting device to be shaped to suit the patient and the indication.
- The double Velcro of the abdominal closure system allows for easy adaptation to the anatomical shape of the pelvis.
- The orthosis opens and closes easily, thanks to the large finger pockets on the abdominal closure system.
- Spinova abdominal fastening with flexible edges for a high level of comfort, even when sitting down.
- Convenient for the patient to put on with minimal effort required, thanks to the Spinova adjustable tension-strap system (including the pulley system).

**Mode of action**

- The combination of the Spinova tension-strap system and the plastic shell system stabilizes and relieves pressure on the spine. Spinova also helps to restrict movements that could be harmful for the spine.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdominal circumference in cm</td>
<td>70-80</td>
<td>80-90</td>
<td>90-105</td>
<td>105-115</td>
<td>115-140</td>
<td>1228540100000°</td>
</tr>
</tbody>
</table>

° = size
NEW
Spinova® Immo Plus
Multifunctional orthosis with a mobilizing function for stabilization of the lumbar spine and the lumbosacral transition.

Indications
- Spondylolysis/spondylolisthesis grades II and III
- Facet syndrome with hypermobility/spondylitis
- Spondylarthrosis
- Very severe (pseudo) radicular lumbar syndrome/very severe lumboischialgia
- Lumbar spinal canal stenosis with paresis (conservative, post-operative)
- Foraminal stenosis, lateral
- Fractures (lumbar spine) to a considerable degree, relieving the front and/or rear edges of vertebrae
- Tumors (metastases)
- Severe degeneration/severe muscular insufficiency of the spine
- Following a prolapse (conservative, post-operative)
- Discectomy
- Post-operative, for one day/several days (e.g. spondylodesis/kyphoplasty)
- Osteochondrosis

Features
- A new type of closure system on the tension-strap system makes it easy to adjust the individual circumference and the therapeutic compression level that is required.
- Adjustment of the force that is suitable for the indication directly at the spine, thanks to height-adjustable tension-straPs.
- The product is supplied with anatomically shaped plastic half-shells which can be easily adapted to suit the individual shape of the pelvis.
- Integrated aluminum stays allow the Spinova back setting device to be shaped to suit the patient and the indication.
- The Spinova elastic mesh material guarantees both a perfect fit and outstanding wearing comfort.
- The double Velcro of the abdominal closure system allows for easy adaptation to the anatomical shape of the pelvis.
- The orthosis opens and closes easily, thanks to the large finger pockets on the abdominal closure system.
- Spinova abdominal fastening with flexible edges for a high level of comfort, even when sitting down.
- Convenient for the patient to put on with minimal effort required, thanks to the Spinova adjustable tension-strap system (including the pulley system).

Mode of action
- The combination of the Spinova tension-strap system and the plastic shell system stabilizes and relieves pressure on the spine. Spinova also helps to restrict movements that could be harmful for the spine.

Size | Abdominal circumference in cm | 1 | 2 | 3 | 4 | 5 | 6 | Order number
--- | --- | --- | --- | --- | --- | --- | --- | ---
| | 70-80 | 80-90 | 90-105 | 105-115 | 115-125 | 125-140 | 1228541100000°

° = size
Multifunctionality

• The modular design of the Spinova Immo Plus permits controlled treatment according to an individually adaptable 3-stage regimen.

• **Stage 1: (Stabilization phase)**
  For effective post-operative or initially conservative stabilization of the segments, the orthosis is used together with the shell.

• **Stage 2: (Mobilization phase)**
  The shell is removed for mobilization as rehabilitation progresses. The corset stays in the orthosis and the aluminum stays in the Spinova back setting device offer the next level of mobility combined with the stabilization which is suitable for the indication.

• **Stage 3: (Activity phase)**
  As mobility increases, the aluminum stays are removed from the back setting device. The corset stays which remain in the orthosis provide an external supportive effect.

• The Spinova Immo Plus can be upgraded again at any time as required by the indication.
NEW
Spinova® Support Plus
Multifunctional orthosis with a mobilization function for providing relief and support for the lumbar and lower thoracic spine in measurable degrees.

Indications
- Spondylolysis/spondylolisthesis, grade II
- Facet syndrome
- Moderate (pseudo) radicular lumbar syndrome/moderate lumboischialgia
- Lumbar spinal canal stenosis (conservative, post-operative)
- Fractures (lumbar spine), relieving the front edges of vertebrae
- Degeneration/muscular insufficiency of the spine
- Following a prolapse (conservative, post-operative)
- Discectomy
- Post-operative, for one day/several days (e.g. spondylodosis)
- Osteoporosis

Features
- A new type closure system on the adjustable tension-strap system makes it easy to adjust the individual circumference and the therapeutic compression level that is required.
- Adjustment of the force that is suitable for the indication directly at the spine, thanks to height-adjustable tension-straps.
- Integrated aluminum stays allow the Spinova back setting device to be shaped to suit the patient and the indication.
- The Spinova elastic mesh material guarantees both a perfect fit and outstanding wearing comfort.
- The anatomically contoured corset stays adapt to the patient's individual body shape.
- The bridging pad adapts to the individual shape of the back. The cushioning on the inside makes it extremely comfortable to wear.
- The double Velcro of the abdominal closure system allows for easy adaptation to the anatomical shape of the pelvis.
- Spinova abdominal fastening with flexible edges for a high level of comfort, even when sitting down.
- Convenient for the patient to put on with minimal effort required, thanks to the Spinova adjustable tension-strap system (including the pulley system).

Mode of action
- The combination of the Spinova mesh material, the tension-strap system and the bridging pad stabilizes and relieves pressure on the spine. Spinova also helps to restrict movements that could be harmful for the spine.
- The adjustable abdominal fastener combined with the Spinova tension-strap system allows the level of compression exerted on the abdominal cavity to be adjusted to suit the individual.
- The use of an extra abdominal pad increases the abdominal pressure on the lumbar spine.

Size 1 2 3 4 5 6 Order number
Abdominal circumference in cm 70-80 80-90 90-105 105-115 115-125 125-140 1228542100000°

*= size
Multifunctionality

- The modular design of the Spinova Support Plus permits controlled treatment according to an individually adaptable 2-stage regimen.

- **Stage 1: (Stabilization phase)**
  For effective post-operative or initially conservative correction of the segments, the orthosis is used together with the bridging pad.

- **Stage 2: (Mobilization phase)**
  As mobility increases and rehabilitation progresses, the bridging pad is removed and the aluminum stays are taken out of the Spinova back setting device. The corset stays which remain in the orthosis provide an external supportive effect.

- The Spinova Support Plus can be upgraded again at any time as required by the indication.
NEW
Spinova® Unload Plus

Multifunctional orthosis for reducing lumbar lordosis.

Indications

• Spondylolysis/spondylolisthesis, grades I and II
• Facet syndrome with hypermobility
• Very severe (pseudo) radicular lumbar syndrome/very severe lumboischialgia
• Lumbar spinal canal stenosis with paresis (conservative, post-operative)
• Foraminal stenosis, lateral
• Fractures (lumbar spine), relieving the rear edges of vertebrae
• Post-operative, for one day/several days (e.g. spondylodesis)

Features

• A new type of closure system on the adjustable tension-strap system makes it easy to adjust the individual circumference and the compression level that is required.
• Adjustment of the force that is suitable for the indication directly at the spine, thanks to height-adjustable tension-straops.
• Integrated aluminum stays allow the Spinova back setting device to be shaped to suit the patient and the indication.
• The Spinova elastic mesh material guarantees both a perfect fit and outstanding wearing comfort.
• The bridging frame adapts to the individual body shape. The aluminum stays of the frame can be shaped without using tools.
• The use of an extra abdominal pad increases the abdominal pressure on the lumbar spine and enhances the bridging and delordosing effect of the flexion orthosis (bending forward of the body, backward tilt of the pelvis).
• The double Velcro of the abdominal closure system allows for easy adaptation to the anatomical shape of the pelvis.
• The orthosis opens and closes easily, thanks to the large finger pockets on the abdominal closure system.
• Spinova abdominal fastening with flexible edges for a high level of comfort, even when sitting down.
• Convenient for the patient to put on with minimal effort required, thanks to the Spinova adjustable tension-strap system (including the pulley system).
• The anatomically contoured corset stays adapt to the patient’s individual body shape.

Mode of action

• Thanks to the design of the new Spinova Unload Plus, lumbar lordosis can be reduced and rotational movements can be restricted.
• The bridging frame can produce an optimal effect thanks to the Spinova tension-strap system with its targeted application of force.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number/Short</th>
<th>Order number/Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdom. circumference in cm</td>
<td>70-80</td>
<td>80-90</td>
<td>90-105</td>
<td>105-115</td>
<td>115-125</td>
<td>125-140</td>
<td>1228543100100°</td>
<td>1228543100200°</td>
</tr>
</tbody>
</table>

*= size; Versions: Long > 170 cm in body height, Short < 170 cm in body height
NEW Spinova® Stabi Classic
Orthosis for adjustable support of the lumbar and lower thoracic spine.

Indications
- (Pseudo)radicular lumbar syndrome/ lumbosciatica
- Following prolapse
- Grade I spondylodesis

Features
- The classic strap system ensures that the correct therapeutic force is applied and makes the orthosis easy for patients to put on.
- The elastic Spinova mesh material guarantees both a perfect fit and outstanding wearing comfort.
- The anatomically contoured corset stays adapt to the patient’s individual body shape.
- The double Velcro fixing of the abdominal fastening allows it to be easily adapted to the anatomical shape of the pelvis.
- The Spinova abdominal fastening with flexible edges ensures a high level of comfort, even when sitting down.

Mode of action
- The combination of the corset stays linked into the system as part of the design and the classic strap system ensures that the correct therapeutic force is applied and thereby provides relief for the lumbar spine.
- The supportive effect extends as far as the lower thoracic spine.

Size | 1 | 2 | 3 | 4 | 5 | 6 | Order number
--- | --- | --- | --- | --- | --- | --- | ---
Abdominal circumference in cm | 70-80 | 80-90 | 90-105 | 105-115 | 115-125 | 125-140 | 1228561100000°

°= size
NEW
Spinova® Immo Plus Classic
Orthosis with a mobilizing function for stabilization of the lumbar spine and the lumbosacral junction.

**Indications**

- Spondylolysis/spondylolisthesis
- Facet syndrome with hypermobility/spondylitis
- Osteoarthritis of the spine
- (Pseudo) radicular lumbar syndrome/lumbosciatica
- Lumbar spinal canal stenosis with paresis (conservative, post-operative)
- Foraminal stenosis, lateral
- Stable fractures (up to T10), relieving the front and/or rear edges of vertebrae
- Tumors/metastases
- Post-operative, one or more levels of the spine (e.g. spondylodesis/kyphoplasty) (moderately severe)

**Features**

- The anatomically contoured plastic half-shells supplied with the product can be easily adapted to suit the individual shape of the pelvis.
- The classic strap system ensures that the correct therapeutic force is applied and makes the orthosis easy for patients to put on.
- The anatomically contoured corset stays adapt to the patient’s individual body shape.
- The elastic Spinova mesh material guarantees both a perfect fit and outstanding wearing comfort.
- The double Velcro fixing of the abdominal fastening allows it to be easily adapted to the anatomical shape of the pelvis.
- The orthosis is easy to open and close, thanks to the large finger pockets on the abdominal fastening.
- The Spinova abdominal fastening with flexible edges ensures a high level of comfort, even when sitting down.

**Mode of action**

- The functional unit consisting of the classic strap system and shell around the torso with a circular pelvic harness provides stability and relief for the lumbar spine.
- Movements that are damaging to the spine are moderately restricted.

**Abdominal Pad**

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdominal circumference in cm</td>
<td>70-80</td>
<td>80-90</td>
<td>90-105</td>
<td>105-115</td>
<td>115-125</td>
<td>125-140</td>
<td>1228564100000</td>
</tr>
</tbody>
</table>

* = size

NEW
Multifunctionality

• The modular design of the Spinova Immo Plus Classic permits controlled treatment according to an individually adaptable two-stage regimen.

• **Stage 1: (Stabilization phase)**
  For effective post-operative or initially conservative stabilization of the segments, the orthosis is used together with the shell.

• **Stage 2: (Mobilization phase)**
  The shell is removed for mobilization as rehabilitation progresses. The corset stays in the orthosis provide the next highest level of mobility, while delivering the right amount of stability for the indication.

• These elements can be added to the Spinova Immo Plus Classic again at any time as required by the indication.
Spinova® Support Plus Classic
Orthosis with a mobilization function for providing adjustable relief and support for the lumbar and lower thoracic spine.

**Indications**

- Grade II spondylolysis/spondylolisthesis
- Facet syndrome (moderately severe)
- Moderately severe (pseudo)radicular lumbar syndrome/moderately severe lumbosciatica
- Lumbar spinal canal stenoses (conservative, post-operative) (moderately severe)
- Moderately severe degeneration/muscular insufficiency of the spine
- Following prolapse (conservative, post-operative) (moderately severe)
- Discectomy (moderately severe)
- Post-operative, e.g. spondylodesis, one or more levels of the spine

**Features**

- The classic strap system ensures that the correct therapeutic force is applied and makes the orthosis easy for patients to put on.
- The elastic Spinova mesh material guarantees both a perfect fit and outstanding wearing comfort.
- The anatomically contoured corset stays adapt to the patient’s individual body shape.
- The bridging pad adapts to the individual shape of the back. The cushioning on the inside provides a high degree of wearing comfort.
- The double Velcro fixing of the abdominal fastening allows it to be easily adapted to the anatomical shape of the pelvis.
- The Spinova abdominal fastening with flexible edges ensures a high level of comfort, even when sitting down.
- Mobilization is enabled if the pad and/or aluminum stays are removed.

**Mode of action**

- The combination of the Spinova mesh material, the classic strap system, and the lumbar pad stabilizes and relieves pressure on the spine.
- The integrated spring steel stays provide extra stability and straightening equivalent to a Lindemann corset or one containing stays in a grid-like arrangement.
- An additional abdominal pad increases the abdominal pressure on the lumbar spine.

**Size and Abdominal Circumference**

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>70-80</td>
<td>80-90</td>
<td>90-105</td>
<td>105-115</td>
<td>115-125</td>
<td>125-140</td>
<td>1228563100000*</td>
</tr>
</tbody>
</table>

* = size
Multifunctionality

- The modular design of the Spinova Support Plus Classic permits controlled treatment according to an individually adaptable two-stage regimen.

- **Stage 1: (Stabilization phase)**
  For effective post-operative or initially conservative correction of the segments, the orthosis is used together with the lumbar pad.

- **Stage 2: (Mobilization phase)**
  The lumbar pad is removed for mobilization as rehabilitation progresses. The corset stays in the orthosis provide the next highest level of mobility, while delivering the right amount of stability for the indication.

- These elements can be added to the Spinova Support Plus Classic again at any time as required by the indication.
NEW
Spinova® Unload Classic
Orthosis for reducing lumbar lordosis.

Indications
- Spondylolysis/spondylolisthesis
- Radicular lumbar syndrome/lumbosciatica
- Lumbar spinal canal stenoses with paresis
- Foraminal stenosis, lateral
- Moderately severe fractures (lumbar spine), relieving the rear edges of vertebrae
- Discectomy

Features
- The classic strap system ensures that the correct therapeutic force is applied and makes the orthosis easy for patients to put on.
- The movable bridging frame adapts to the patient’s individual body shape. The aluminum stays of the frame can be shaped without using tools.
- The elastic Spinova mesh material guarantees both a perfect fit and outstanding wearing comfort.
- The double Velcro fixing of the abdominal fastening allows it to be easily adapted to the anatomical shape of the pelvis.
- The orthosis is easy to open and close, thanks to the large finger pockets on the abdominal fastening.
- The Spinova abdominal fastening with flexible edges ensures a high level of comfort, even when sitting down.
- The anatomically contoured corset stays adapt to the patient’s individual body shape.

Mode of action
- The bridging frame can help reduce lumbar lordosis and restrict rotational movements.
- The combination of the corset stays (8-10) linked into the system as part of the design and the classic strap system ensures that force is applied in a targeted manner and that the bridging frame therefore produces the greatest possible effect.
- The lumbar spine is relieved by the compression of the abdominal cavity.
- The supportive effect extends as far as the lower thoracic spine.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number/Short</th>
<th>Order number/Long</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdom. circumference in cm</td>
<td>70-80</td>
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<td>105-115</td>
<td>115-125</td>
<td>125-140</td>
<td>1228562100100*</td>
<td>1228562100200*</td>
</tr>
</tbody>
</table>

* = size; Versions: Long > 170 cm in body height, Short < 170 cm in body height
**Multifunctionality**

- The modular design of the Spinova Unload Classic permits controlled treatment according to an individually adaptable two-stage regimen.

- **Stage 1: (Stabilization phase)**
  For effective post-operative or initially conservative stabilization of the segments, the orthosis is used together with the bridging frame.

- **Stage 2: (Mobilization phase)**
  The bridging frame is removed for mobilization as rehabilitation progresses. The corset stays in the orthosis provide the next highest level of mobility, while delivering the right amount of stability for the indication.
NEW
CerviLoc
CerviLoc S
Stabilizing orthosis for targeted relief of the cervical spine.

Indications

CerviLoc
• Pain in the cervical spine area (cervical syndrome)
• Whiplash

CerviLoc S
• Severe pain in the cervical spine area (severe cervical syndrome)
• Moderate whiplash
• Blockage

Features

• CerviLoc/CerviLoc S provides targeted relief and stability for the cervical spine following injury (post-traumatic), where there are signs of wear (degenerative changes), of for those experiencing pain in the cervical spine area.

• CerviLoc/CerviLoc S is anatomically contoured, so it is very comfortable to wear. There are recesses for the chin and larynx. The materials used are light, pleasantly soft, and breathable. They ensure the best possible experience for the wearer.

• CerviLoc/CerviLoc S is easy to put on and take off and also easy to clean.

CerviLoc S

• CerviLoc S provides considerable support for the cervical spine thanks to its integrated and flexible plastic reinforcement.

Mode of action

• CerviLoc/CerviLoc S inhibits movements that can trigger pain and provides relief for the cervical spine.
• CerviLoc/CerviLoc S has a warming effect, which helps relax the muscles.

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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<td>Height in cm</td>
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<td>8,5</td>
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<td>6,5</td>
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</tr>
<tr>
<td>Neck circumference in cm</td>
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<td>36-44</td>
<td>36-44</td>
<td>38-48</td>
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</tbody>
</table>

° = size

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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<td>Height in cm</td>
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<td>Neck circumference in cm</td>
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<td>34-40</td>
<td>36-44</td>
<td>36-44</td>
<td>38-48</td>
<td></td>
</tr>
</tbody>
</table>

° = size
ManuTrain®

Active support for the wrist.

Indications
- Post-operative treatment
- Post-traumatic, e.g. sprains
- Osteoarthritis
- Tenosynovitis
- Chronic, post-traumatic or post-operative irritation

Features
- The seamless knit between the thumb and index finger enables you to grip objects without irritation.
- New knitting concept: particularly stretchy, breathable and moisture wicking for effective compression and excellent wearing comfort.
- ManuTrain is an active support to stabilize the wrist.
- Anatomically-contoured, double-stretch knitted support.
- Shapeable stay on the inner hand allows functional adjustment of the hand for varying indications.
- An additional Velcro strap supports the stabilizing effect of the inner hand stay.

Mode of action
- Stabilizes the wrist.
- Support pads relieve the pressure on nerves and blood vessels.
- The circular compression accelerates the healing of soft tissue irritation.

Size | 1 | 2 | 3 | 4 | 5 | 6 | Order number
--- | --- | --- | --- | --- | --- | --- | ---
Circumference of the wrist | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | 19-20 | 110515030*0+0°

*1 = natural, *7 = black, *8 = titanium, +6 = right, +7 = left, *= size

Standard sizes fit approx. age 10 and up
ManuLoc®

Stabilizing orthosis for immobilization of the wrist.

**Indications**
- Pre-operative and post-operative irritation
- Post-traumatic treatment
- Mild forms of carpal tunnel syndrome
- Tenosynovitis

**Features**
- ManuLoc is a stabilizing support for immobilization of the wrist.
- Anatomically shaped metacarpal bar stabilizes the wrist in the desired position.
- The construction of the metacarpal bar provides a functional gripping movement; Preserves mobility.
- Breathable, and moisture wicking materials and quality workmanship (no seams) ensure maximum comfort.
- Large Velcro fastenings facilitate fitting and removal of the stabilizing support.
- The same design for right and left.

**Mode of action**
- The integrated aluminum stays are anatomically formed and secure the wrist.
- The orthosis prevents incorrect positioning of the distal and proximal parts of the wrist.
- Sidebars limit radial and ulnar movement.

<table>
<thead>
<tr>
<th>Size</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
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<td>14-19</td>
<td>18-23</td>
<td>1205340208000*</td>
</tr>
</tbody>
</table>

* = size

For intermediate sizes, use the hand breadth to select the right size.

Standard sizes fit approx. age 12 and up.
RhizoLoc®

Stabilizing orthosis for stabilization of the thumb saddle and first metacarpophalangeal joints.

**Indications**

- Post-operative treatment
- Post-traumatic treatment
- Arthrosis of the first carpometacarpal joint
- Collateral ligament injuries of the thumb basal joint, e.g. skier’s thumb
- Degenerative irritation

**Features**

- RhizoLoc is a stabilizing support.
- Individually shapeable aluminum strap ensures maximum stability.
- Velcro thumb tab allows optional adjustment of movement restriction at the base of the thumb.
- Freedom of movement retained in the wrist thanks to the slim strap and small diversion ring.
- Easy-to-open Velcro fastenings make it easy to put on and take off the stabilizing orthosis with one hand.

**Mode of action**

- Stabilization of the thumb saddle and first metacarpophalangeal joints.
- Restrictable release of movement at the base of the thumb (dynamization).

**Size**

<table>
<thead>
<tr>
<th>Size</th>
<th>1 Circumference wrist in cm</th>
<th>2 Circumference thumb in cm</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12.5–16</td>
<td>16–20</td>
<td>12053301080+0°*</td>
</tr>
<tr>
<td></td>
<td>5–7</td>
<td>6.5–9</td>
<td></td>
</tr>
</tbody>
</table>

+6 = right, +7 = left, °= size

Standard sizes fit approx. age 10 and up
**Indications**

- Pre-operative
- Irritation in the wrist or in the thumb basal joint and thumb carpometacarpal joint (post-traumatic and post-operative)
- Severe carpometacarpal joint arthrosis
- Combination injury in the wrist and thumb carpometacarpal joint
- Mild forms of carpal tunnel syndrome

**Features**

- ManuRhizoLoc is a stabilizing orthosis for immobilization of the wrist with thumb immobilization in the functional position.
- Anatomically shaped metacarpal bar stabilizes the wrist in the desired position.
- High stability of the removable thumb immobilizer, which has an adjustable length, thanks to an individually shaped and cold-formed aluminum frame.
- Adjustable movement restriction in the thumb basal joint using a Velcro thumb tab (dynamization).
- The construction of the orthosis enables functional gripping movements, thus maintaining mobility.
- Breathable, moisture-wicking materials and quality workmanship (no seams) ensure maximum wearing comfort.
- Large Velcro fastenings that are easy to open make the stabilizing orthosis easier to put on and take off.

**Mode of action**

- The integrated, anatomically contoured and individually adjustable aluminum stays secure the wrist.
- Stabilization of the thumb basal joint and thumb carpometacarpal joint through an individually shaped thumb immobilizer.
- The orthosis prevents incorrect positioning of the distal and proximal parts of the wrist, as well as in the thumb basal joint and thumb carpometacarpal joint.
- During the course of therapy, the freedom of movement in the thumb basal joint can be increased (dynamization) and the thumb immobilizer can be removed.

**Size**

<table>
<thead>
<tr>
<th>Size</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circumference of the wrist</td>
<td>12-15</td>
<td>14-19</td>
<td>18-23</td>
<td>12053450080+0°</td>
</tr>
</tbody>
</table>

+6 = right, +7 = left, ° = size
For intermediate sizes, use the hand breadth to select the right size.
EpiPoint®
Stabilizing orthosis for the treatment of tennis elbow.

Indications

• Humeral epicondylitis
• Chronic or relapsing epicondylopathy

Features

• EpiPoint is a stabilizing orthosis providing targeted and graduated compression to the lower arm.
• Elastic band allows dynamic pressure adjustment.
• The red warning section on the adjustable band indicates whether the support has been fitted too tightly.
• One universal size.
• Since the pad can be rotated, EpiPoint can be worn on the right or left forearm.
• It is indicated for muscle and tendon insertion irritations in the elbow region.
• The same design for right and left.

Mode of action

• The viscoelastic pad exerts highly targeted compression.

<table>
<thead>
<tr>
<th>Size</th>
<th>Universal</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circumference in cm</td>
<td>22.5-33</td>
<td>12063501080000</td>
</tr>
</tbody>
</table>
EpiTrain®
Active support for targeted compression of the elbow.

**Indications**
- Osteoarthritis
- Post-operative irritation
- Post-traumatic treatment
- Humeral epicondylitis
- Tendomyopathy
- Epicondylopathy

**Features**
- New knitting concept: particularly stretchy, breathable and moisture wicking for effective compression in the elbow area.
- Anatomically knit: for wearing comfort and secure positioning.
- Viscoelastic inserts with epicondyle cut-outs relieve pressure and facilitate secure positioning of the support.
- Reduced compression at the edges of the support reduces the risk of circulation problems.

**Mode of action**
- Regulated compression alleviates pain and helps resolve spasms.
- The insert redistributes compression away from the epicondyles to the surrounding soft tissues.
- The profile insert provides intermittent compression for improved metabolism in the radial and ulnar areas.

**Size**

<table>
<thead>
<tr>
<th>Size</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number</th>
</tr>
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<tbody>
<tr>
<td>Circumference in cm</td>
<td>17-19</td>
<td>19-21</td>
<td>21-23</td>
<td>23-25</td>
<td>25-27</td>
<td>27-29</td>
<td>29-31</td>
<td>110616030*000°</td>
</tr>
</tbody>
</table>

*1 = natural, *7 = black, *8 = titanium, ° = size

**Made-to-measure:** Please find the exact measuring points for EpiTrain made-to-measure on the detailed measuring block. Made-to-measure in natural and titanium.
OmoTrain®
Active support for early functional treatment of the shoulder joint.

Indications
- Osteoarthritis (osteoarthritis of the shoulder)
- Chronic, post-traumatic and post-operative irritation
- Irritation of the soft tissue in the shoulder area (chronic, due to injury/surgery)

Features
- OmoTrain is an active support for treatment of the shoulder joint.
- The three-dimensional Train active knit adapts perfectly to the wearer’s body shape, guaranteeing excellent wearing comfort.
- As an option, the new viscoelastic Delta pad with frictional nubs can be attached using a Velcro fastening and positioned as required.
- The special strap system leaves the chest area free.
- The knit and strap system are made from skin-friendly, breathable materials.

Mode of action
- The compressive knit and the pulling force of the strap system help center the glenohumeral joint.
- The overall joint function is improved. Abduction, anteversion and retroversion movements are stimulated.
- The Delta pad massages the soft tissue in the shoulder during movement. Joint perception is improved and pain alleviated.
- The support protects the joint from painful movements.

Size 0 1 2 3 4 5 6 Order number
Circumference in cm 20-22 22-24 24-26 26-29 29-32 32-36 36-40 1107170208000°

°= size

Shoulder pad for optional use
OmoTrain® S

Active support for muscular activation of the shoulder joint.

### Indications
- Osteoarthritis
- Postoperative irritant conditions
- Post-traumatic conditions

### Features
- OmoTrain S is an active support for treatment of the shoulder.
- The anatomically-contoured knit ensures optimal adaptation to the shape of the body for maximum comfort.
- As an option, the new viscoelastic Delta pad with frictional nubs can be attached using a Velcro fastening and positioned as required.
- The simple strap system makes the support quick and easy to put on.
- The knit and strap system are made from skin-friendly, breathable materials.

### Mode of action
- The compressive knit and the pulling force of the strap system improve the co-adaptation of the head of the humerus to the glenoid cavity.
- The Delta pad massages the soft tissue in the shoulder during movement. This relieves pain, improves joint perception and activates the joint-stabilizing muscles.

### Size Chart

<table>
<thead>
<tr>
<th>Size</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circumference in cm</td>
<td>20-22</td>
<td>22-24</td>
<td>24-26</td>
<td>26-29</td>
<td>29-32</td>
<td>32-36</td>
<td>36-40</td>
<td>11071710080+0°</td>
</tr>
</tbody>
</table>

+6 = right, +7 = left, ° = size
NEW
OmoLoc®
Stabilizing orthosis for immobilization of the shoulder joint.

**Indications**

- Immobilization of the shoulder joint, e.g. after shoulder surgery
- Shoulder dislocation

**Features**

- A wide fastening with tightening straps makes it easier for users to put on and take off the orthosis unaided.
- The tensioning straps can be used to adjust the pressure around the pelvis to suit the individual once the orthosis is in place.
- The arm support is supported by the pelvic frame; no shoulder strap is required.
- Wide arm loops provide extensive support for the arm.
- The arm loops can be positioned anywhere along the abdominal strap; this helps adjust the orthosis to suit the individual, makes it very comfortable to wear, and provides optimum stabilization.
- Additional upper arm loops secure the shoulder in the position required for medical/therapeutic purposes; the design makes it easier to maintain personal hygiene, particularly around wound areas.
- Soft material ensures the orthosis is pleasant and very comfortable to wear.

**Mode of action**

- Immobilization of the shoulder joint in the 0° abduction position, e.g. to safeguard the results achieved by surgery.
- The forearm is fixed at the required 90-100° angle.
- Pain reduction due to restriction of movement.

**Size**

<table>
<thead>
<tr>
<th>Abdominal circumference in cm</th>
<th>1</th>
<th>2</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 100</td>
<td>100-130</td>
<td></td>
<td>12073601120+0°</td>
</tr>
</tbody>
</table>

+6 = right, +7 = left, ° = size
NEW
SecuTec® Omo

Functional stabilizing orthosis for immobilization of the shoulder joint.

<table>
<thead>
<tr>
<th>Indications</th>
<th>Features</th>
<th>Mode of action</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Post-operative, e.g. rotator cuff</td>
<td>• SecuTec Omo is a stabilizing orthosis for immobilization of the shoulder</td>
<td>• Immobilization of the shoulder joint to relieve the ligaments and tendons,</td>
</tr>
<tr>
<td>tear, shoulder prosthesis implant,</td>
<td>joint in a functional position.</td>
<td>with freely adjustable abduction.</td>
</tr>
<tr>
<td>subcapital humerus fracture,</td>
<td>• The abduction angle can be individually adjusted by up to 60°; the</td>
<td>• Pain reduction due to restriction of movement.</td>
</tr>
<tr>
<td>SLAP lesion, AC rupture</td>
<td>various surgery options are taken into consideration and the user can</td>
<td></td>
</tr>
<tr>
<td></td>
<td>set the abduction angle as required.</td>
<td></td>
</tr>
<tr>
<td>• Post-traumatic, e.g. shoulder</td>
<td>• Inward rotation can be adjusted at any abduction angle at the touch</td>
<td></td>
</tr>
<tr>
<td>dislocation</td>
<td>of a button; a comfortable lying position can be achieved quite quickly.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The angle of inclination of the arm support can be adjusted to any</td>
<td></td>
</tr>
<tr>
<td></td>
<td>abduction angle.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The arm support is supported by the pelvic frame. No shoulder strap is</td>
<td></td>
</tr>
<tr>
<td></td>
<td>required.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The patient can easily ensure a good fit by simply shortening the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>abdominal strap; only one size is required.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Tensioning straps can be used to adjust the pressure around the</td>
<td></td>
</tr>
<tr>
<td></td>
<td>pelvis to suit the individual once the orthosis is in place.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Easy for patients to put on using just one hand.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>Universal</th>
<th>Order number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abdominal circumference in cm</td>
<td>70-140</td>
<td>12175050120+01</td>
</tr>
</tbody>
</table>

+6 = right, +7 = left
## Indication guide for foot therapy

<table>
<thead>
<tr>
<th>Products</th>
<th>Description</th>
<th>Indications</th>
</tr>
</thead>
<tbody>
<tr>
<td>MalleoTrain®</td>
<td>Active support for muscular stabilization of the ankle</td>
<td>Stabilizing during upper-ankle participation, Early functional treatment for injuries of the lateral malleolar ligaments, Postoperative protection following ligament repair/reconstruction, Supination prophylaxis, particularly during sports activities, Conservative therapy of ligament-capsule injuries, Chronic ligament instability, Complex instabilities, Arthrosis/arthritides, Irritation (post-traumatic/postoperative), So-called Achillodynia/postoperative, Ligament instability, Post-operative rehabilitation, Mild sprains, Prevention</td>
</tr>
<tr>
<td>MalleoTrain® S</td>
<td>Active support for increased ankle stability and security during movement</td>
<td>Stabilizing during upper-ankle participation, Early functional treatment for injuries of the lateral malleolar ligaments, Postoperative protection following ligament repair/reconstruction, Supination prophylaxis, particularly during sports activities, Conservative therapy of ligament-capsule injuries, Chronic ligament instability, Complex instabilities, Arthrosis/arthritides, Irritation (post-traumatic/postoperative), So-called Achillodynia/postoperative, Ligament instability, Post-operative rehabilitation, Mild sprains, Prevention</td>
</tr>
<tr>
<td>MalleoTrain® S open heel</td>
<td>Active support with heel cut-out for increased ankle stability and security during movement</td>
<td>Stabilizing during upper-ankle participation, Early functional treatment for injuries of the lateral malleolar ligaments, Postoperative protection following ligament repair/reconstruction, Supination prophylaxis, particularly during sports activities, Conservative therapy of ligament-capsule injuries, Chronic ligament instability, Complex instabilities, Arthrosis/arthritides, Irritation (post-traumatic/postoperative), So-called Achillodynia/postoperative, Ligament instability, Post-operative rehabilitation, Mild sprains, Prevention</td>
</tr>
<tr>
<td>MalleoTrain® Plus</td>
<td>Active support for increased ankle stability and security during movement</td>
<td>Stabilizing during upper-ankle participation, Early functional treatment for injuries of the lateral malleolar ligaments, Postoperative protection following ligament repair/reconstruction, Supination prophylaxis, particularly during sports activities, Conservative therapy of ligament-capsule injuries, Chronic ligament instability, Complex instabilities, Arthrosis/arthritides, Irritation (post-traumatic/postoperative), So-called Achillodynia/postoperative, Ligament instability, Post-operative rehabilitation, Mild sprains, Prevention</td>
</tr>
<tr>
<td>AirLoc®</td>
<td>Stabilizing orthosis for stabilization of the ankle</td>
<td>Stabilizing during upper-ankle participation, Early functional treatment for injuries of the lateral malleolar ligaments, Postoperative protection following ligament repair/reconstruction, Supination prophylaxis, particularly during sports activities, Conservative therapy of ligament-capsule injuries, Chronic ligament instability, Complex instabilities, Arthrosis/arthritides, Irritation (post-traumatic/postoperative), So-called Achillodynia/postoperative, Ligament instability, Post-operative rehabilitation, Mild sprains, Prevention</td>
</tr>
<tr>
<td>MalleoLoc®</td>
<td>Stabilizing orthosis for partial immobilization of the ankle</td>
<td>Stabilizing during upper-ankle participation, Early functional treatment for injuries of the lateral malleolar ligaments, Postoperative protection following ligament repair/reconstruction, Supination prophylaxis, particularly during sports activities, Conservative therapy of ligament-capsule injuries, Chronic ligament instability, Complex instabilities, Arthrosis/arthritides, Irritation (post-traumatic/postoperative), So-called Achillodynia/postoperative, Ligament instability, Post-operative rehabilitation, Mild sprains, Prevention</td>
</tr>
<tr>
<td>CaligaLoc®</td>
<td>Stabilizing orthosis for increased ankle stability and security during movement</td>
<td>Stabilizing during upper-ankle participation, Early functional treatment for injuries of the lateral malleolar ligaments, Postoperative protection following ligament repair/reconstruction, Supination prophylaxis, particularly during sports activities, Conservative therapy of ligament-capsule injuries, Chronic ligament instability, Complex instabilities, Arthrosis/arthritides, Irritation (post-traumatic/postoperative), So-called Achillodynia/postoperative, Ligament instability, Post-operative rehabilitation, Mild sprains, Prevention</td>
</tr>
<tr>
<td>AchilloTrain® Pro</td>
<td>Active support for relief of the Achilles tendon</td>
<td>Stabilizing during upper-ankle participation, Early functional treatment for injuries of the lateral malleolar ligaments, Postoperative protection following ligament repair/reconstruction, Supination prophylaxis, particularly during sports activities, Conservative therapy of ligament-capsule injuries, Chronic ligament instability, Complex instabilities, Arthrosis/arthritides, Irritation (post-traumatic/postoperative), So-called Achillodynia/postoperative, Ligament instability, Post-operative rehabilitation, Mild sprains, Prevention</td>
</tr>
</tbody>
</table>

### Increasing Stabilization

* Active support for increased ankle stability and security during movement
* Stabilizing orthosis for stabilization of the ankle
* Stabilizing orthosis for partial immobilization of the ankle

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65
## Indication guide for knee therapy

<table>
<thead>
<tr>
<th>Products</th>
<th>GenuTrain® A3</th>
<th>GenuTrain®</th>
<th>GenuTrain® P3</th>
<th>GenuTrain® S</th>
<th>GenuTrain® S Pro</th>
<th>SecuTec® Genu</th>
<th>MOS-Genu®</th>
<th>SofTec® Genu</th>
<th>GenuLoc®</th>
<th>SofTec® OA</th>
</tr>
</thead>
</table>
| **Description**   | The active support for complex treatment of knee pain | Active support for relief and stabilization of the knee | The active knee support that improves patellar tracking | Active support with adjustable joints for lateral stabilization | Functional orthosis for stabilization of the knee | Functional orthosis for stabilization of the knee | Multifunctional orthosis for stabilization of the knee | Stabilizing orthosis for immobilization of the knee | Multifunctional orthosis for relief of the medial knee compartment

### Indications

| Irritation (post-traumatic/postoperative) | • | • |
| Conversion osteotomies | • |
| Varus/valgus abnormalities | • |
| Genu recurvatum | • |
| Meniscus injuries | • | • | • | • |
| Collateral ligament injuries | • | • | • | • | • |
| Ruptured anterior cruciate ligament | • | • | • |
| Ruptured posterior cruciate ligament | • | • | • |
| Complex instabilities, e.g. “unhappy triad” | • | • | • |
| Functional instabilities | • |
| Instabilities (i.e. degenerative) of varying degree | • | • | • |
| Patellar lateralization and femoropatellar pain syndrome | • | • |
| Conservative and postoperative therapy after patella fracture | • |
| Gonarthrosis/arthritis | • | • | • | • | • |
| High-riding patella | • |

**Increasing Stabilization**
# Indication guide for arm therapy

## Products

<table>
<thead>
<tr>
<th>Products</th>
<th>ManuTrain®</th>
<th>EpiTrain®</th>
<th>OmoTrain®</th>
<th>OmoTrain® S</th>
<th>OmoLoc®</th>
<th>SecuTec®</th>
<th>EpiPoint®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Active support for targeted support of the wrist joint</td>
<td>Active support for targeted compression of the elbow</td>
<td>Active support for early functional treatment of the shoulder joint</td>
<td>Active support for muscular activation of the shoulder joint</td>
<td>Stabilizing orthosis for immobilization of the shoulder joint</td>
<td>Functional stabilizing orthosis for immobilization of the shoulder joint</td>
<td>Rigid orthosis for stabilizing the thumb basal joint and metacarpophalangeal joint</td>
</tr>
</tbody>
</table>

## Indications

<table>
<thead>
<tr>
<th>Osteoarthritis</th>
<th>Postoperative irritant conditions</th>
<th>Post-traumatic conditions</th>
<th>Humeral epicondyritis</th>
<th>Tendonitis</th>
<th>Mild carpal tunnel syndrome</th>
<th>Thumb basal joint arthritis</th>
<th>Skiier’s thumb</th>
<th>Pre-operative Combination injury in the wrist and thumb carpometacarpal joint</th>
<th>Immobilization of the shoulder joint</th>
<th>Shoulder dislocation</th>
<th>Rotator cuff tear</th>
<th>Subcapital humerus fracture</th>
<th>SLAP lesion</th>
<th>AC rupture</th>
<th>Implantation of a shoulder prosthesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
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<td>+</td>
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</tr>
</tbody>
</table>
## Indication guide for back therapy (1)

<table>
<thead>
<tr>
<th>Products</th>
<th>Muscle-activating</th>
<th>Unloading</th>
<th>Stabilizing</th>
<th>Stabilizing, lordotic/anti-lordotic</th>
<th>Stabilizing/erect</th>
<th>Stabilizing</th>
</tr>
</thead>
<tbody>
<tr>
<td>LumboTrain</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LumboTrain® Lady</td>
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<td></td>
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<tr>
<td>LordLoc®</td>
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<td>LumboLoc®</td>
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<td>LumboLoc® Forte</td>
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<tr>
<td>SacroLoc®</td>
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<tr>
<td>SecuTec® Dorso</td>
<td></td>
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<tr>
<td>DorsoTrain® SoffTec® Dorso</td>
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</tr>
<tr>
<td>CerviLoc® CerviLoc S</td>
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</tr>
</tbody>
</table>

### Description

- **Active support for muscular stabilization of the lumbar spine**
- **Rigid orthosis for unloading the lumbar spine**
- **Rigid orthosis for unloading the lumbar spine**
- **Stabilizing orthosis for optimal spinal posture and relief of the lumbar spine**
- **Stabilizing orthosis for relief of the sacroiliac joints**
- **Functional orthosis for adjustable support of the lumbar spine up to the lower thoracic spine**
- **Support garment with stabilizing functional elements**
- **Multifunctional orthosis for keeping the spine erect and unloading the thoracolumbar transition**
- **Stabilizing orthosis for targeted relief of the cervical spine**

### Indications

<table>
<thead>
<tr>
<th>Lumbar syndrome</th>
<th>• acute</th>
<th>• chronic</th>
<th>•</th>
</tr>
</thead>
<tbody>
<tr>
<td>Degeneration/muscular insufficiency of the spine</td>
<td>• mild</td>
<td>• moderate</td>
<td>• moderate</td>
</tr>
<tr>
<td>Facet syndrome</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Spondyloysis/spondylolisthesis</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Discectomy</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Conservative treatment after prolapse</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Sacroiliac joint syndrome, osteoarthritis, instability, dysfunction</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Myalgia and tendinopathy in the pelvic area</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Pelvic instability</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Prevention of recurrent SIJ dysfunction and myotendinopathy</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Symphysis diastasis and loosening</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Structural instability after spondylodesis of lumbar vertebrae</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Lumboschialgia with muscular deficiencies, with significant intervertebral disk protrusions/prolapese</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Radicular/pseudo-radicular lumbar syndrome</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Condition after intervertebral disk surgery</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Fractures</td>
<td>•</td>
<td>•</td>
<td>• simple, stable fracture</td>
</tr>
<tr>
<td>Lumbar spinal stenosis</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Osteoporosis</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Spondylodesis</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Tumors (metastases)</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Pain in the cervical spine area (cervical facet syndrome)</td>
<td>•</td>
<td>•</td>
<td>• severe</td>
</tr>
<tr>
<td>Whiplash</td>
<td>•</td>
<td>•</td>
<td>• moderate</td>
</tr>
<tr>
<td>Blockage</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

*primary indication*  *secondary indication*
### Indication guide for back therapy (2)

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Description</td>
<td>Lumbar support orthosis</td>
<td>Bridging orthosis</td>
<td>Flexion orthosis with a mobilizing function</td>
<td>Bridging orthosis with a mobilizing function</td>
<td>Bridging orthosis with a mobilizing function</td>
<td>Multifunctional orthosis with a mobilizing function</td>
<td>Multifunctional orthosis with a mobilizing function</td>
<td>Orthosis for immobilizing the lumbar spine</td>
</tr>
</tbody>
</table>

#### Indications

- **Immobilization of the spine**
- **Spondylolysis/spondylolisthesis**
- **Facet syndrome**
- **Osteoarthritis of the spine**
- **(Pseudo)radicular lumbar syndrome, lumbosciatica**
- **Lumbar spinal stenosis**
- **Foraminal stenosis**
- **Fractures**
- **Tumors**
- **Degeneration, muscular insufficiency**
- **Following prolapse**
- **Discectomy**
- **Spondylodesis**
- **Osteochondrosis**
- **Osteoporosis**
Instructions for ordering custom-made products

**EpiTrain®**

| f¹ | Upper arm  |
|    | (at least 10 cm above e) |
| f  | Upper arm sleeve |
| e  | Crease of the elbow |
| d  | Middle of the forearm muscle |
| c  | Muscle attachment  |
|    | (at least 12 cm below e) |

Caution!
Length measurements are measured on the inside of the arm from the starting point e (elbow crease) with the elbow slightly flexed (30°).

**GenuTrain®**

| f¹ | Thigh  |
|    | Measure the circumference at least 14 cm above the middle of the knee (e). If the circumference at point f¹ is more than 47 cm, then the circumference must be measured at 3/4 of the length up from the middle of the knee (e). |
| f  | Thigh sleeve |
| e  | Middle of the knee |
| d  | Thinnest point below the knee |
| c  | Largest calf circumference  |
|    | (at least 12 cm below the middle of the knee) |

The distance between e and f¹ should not be less than the distance between e and c.

Custom-made solution available in natural and titanium.

**GenuTrain® P3**

| f¹ | Thigh  |
|    | (at least 17 cm above the middle of the knee) |
| f  | Thigh sleeve |
| e  | Middle of the knee |
| d  | Thinnest point below the knee |
| c  | Calf sleeve  |
|    | (at least 15 cm below the middle of the knee) |

**MalleoTrain®**

| b¹ | Calf sleeve  |
|    | (at least 16 cm above point A) |
| b  | Smallest circumference above the ankle |
| h  | Instep (circular measurement of the instep over the heel) |
| a  | Circumference behind the metatarsophalangeal joint |
| A  | Heel |

1  | Distance from the inside to the outside of the ankle (measured horizontally across the Achilles tendon) |
2  | Distance from the inside to the outside of the ankle (measured across the sole of the foot) |

Custom-made solutions available in natural and titanium (with the exception of GenuTrain® P3).
The purchaser is responsible for ensuring that all size information is correct.
Custom-made solutions cannot be returned.
Ordering custom-made products

All measurements must be entered to ensure the right product is created.

Patient name: ____________________________  □ female  □ male
(please print)

□ muscular  □ obese

Age: ______  Height: ____________________________  □ natural  □ titanium (except P3)

### EpiTrain®

<table>
<thead>
<tr>
<th>Circumference</th>
<th>Length</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>f&lt;sub&gt;1&lt;/sub&gt;</td>
<td>e-f&lt;sup&gt;1&lt;/sup&gt;</td>
<td>□ right □ left</td>
</tr>
<tr>
<td>f</td>
<td>e-f</td>
<td>□ top band*</td>
</tr>
<tr>
<td>e</td>
<td>□ Velcro fastening*</td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>e-d</td>
<td>□ bottom</td>
</tr>
<tr>
<td>c</td>
<td>e-c</td>
<td>* subject to additional charge</td>
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</tbody>
</table>

### GenuTrain®

<table>
<thead>
<tr>
<th>Circumference</th>
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<tbody>
<tr>
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<td>□ right □ left</td>
</tr>
<tr>
<td>f</td>
<td>e-f</td>
<td>□ top band*</td>
</tr>
<tr>
<td>e</td>
<td>□ Velcro fastening*</td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>e-d</td>
<td>□ bottom</td>
</tr>
<tr>
<td>c</td>
<td>e-c</td>
<td>* subject to additional charge</td>
</tr>
</tbody>
</table>

### GenuTrain® P3

<table>
<thead>
<tr>
<th>Circumference</th>
<th>Length</th>
<th>Other</th>
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</thead>
<tbody>
<tr>
<td>f&lt;sub&gt;1&lt;/sub&gt;</td>
<td>e-f&lt;sup&gt;1&lt;/sup&gt;</td>
<td>Height of the patella ______ mm</td>
</tr>
<tr>
<td>f</td>
<td>e-f</td>
<td>Width of the patella ______ mm</td>
</tr>
<tr>
<td>e</td>
<td>□ (with the knee bent at a slight angle)</td>
<td></td>
</tr>
<tr>
<td>d</td>
<td>e-d</td>
<td>Support</td>
</tr>
<tr>
<td>c</td>
<td>e-c</td>
<td>□ right leg □ left leg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Position of the corrective guide</td>
</tr>
<tr>
<td></td>
<td></td>
<td>□ right □ left</td>
</tr>
</tbody>
</table>

### MalleoTrain®

<table>
<thead>
<tr>
<th>Circumference</th>
<th>Length</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>b&lt;sub&gt;1&lt;/sub&gt;</td>
<td>A-b&lt;sup&gt;1&lt;/sup&gt;</td>
<td>□ right □ left</td>
</tr>
<tr>
<td>b</td>
<td>A-b</td>
<td>Measuring points for pads</td>
</tr>
<tr>
<td>h</td>
<td>A-a</td>
<td>□ 1 □ 2*</td>
</tr>
<tr>
<td></td>
<td></td>
<td>□ Velcro fastening**</td>
</tr>
</tbody>
</table>

* Special position of the pads
(The size and position of the ankle and its position differ substantially from the standard measurements)

Customer No. ______ ______ ______ ______ ______ Date ____________________________ Stamp/signature ____________________________

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