

A man with short brown hair and a beard, wearing a black sleeveless athletic shirt with a small Nike logo on the chest. He is looking down at his left elbow, which is wrapped in a blue and white mesh Bauerfeind elbow brace. The brace has a white strap with a buckle and a small label. The background is a light-colored, textured wall.

PRODUCT CATALOG

SUPPORTS AND ORTHOSES

2018

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 special 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.



PRODUCTS AND HEALTH CARE CONCEPTS FOR BETTER QUALITY OF LIFE.

Bauerfeind AG is one of the leading manufacturers of medical products in the world, with products and health care concepts that contribute a great deal to maintaining and restoring health and increasing well-being – for better quality of life.

Bauerfeind combines decades of expertise in technology and manufacturing with innovation, the tradition of a medium-sized, family-run business with a global mindset. Bauerfeind's specialists have worked very closely with physicians, scientists, and developers right from the start. The result: patented, award-winning products and services – quality "Made in Germany".

SUPPORTS AND ORTHOSES

We have made it our mission to help people stay active and mobile into old age with cutting-edge therapeutic supports and orthoses. Physicians and physical therapists utilize our products to prevent and treat problems, and to support the healing process after injuries.

MEDICAL COMPRESSION STOCKINGS

The right compression stocking for every vein problem: VenoTrain medical compression stockings and pantyhose can be used for everything from 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 combine therapeutic benefits and maximum wearing comfort in equal measure.

FOOT ORTHOSES

In the orthopedic foot orthoses segment, we set the standard throughout Europe with traditional products and innovative foot orthosis concepts, such as TRlactive and ErgoPad. Therapeutic shoes, pressure relief orthoses, and a preventive foot health system for patients with foot problems round off our range of products for orthopedic foot care.

MEASUREMENT TECHNOLOGY

With the pioneering Bodytronic measurement system, Bauerfeind offers the possibility of individually adapting supports, medical compression stockings, foot orthoses, and shoes. This ensures a perfect fit, excellent wearing comfort, and maximum medical effectiveness – providing a high-quality treatment.



Products displaying this symbol can be measured using Bodytronic 600.

Note:

Medical aids from Bauerfeind can be sold irrespective of age, as long as the dimensions of the relevant body part fit the product's specific sizing system.

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 Gütezeitengemeinschaft Medizinische Kompressionsstrümpfe e.V. (quality label association for medical compression stockings, www.gzg-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 aids.

This is the result of, among other things, the company's consistent efforts to innovate, maintain a consistently high standard of product quality, and employ the best possible 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 supports and orthoses have been setting new standards for medical aids for many years now. 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 DIN EN ISO 13485 certification guarantee quality you can trust.

The functional and dynamic designs of Bauerfeind products have received many awards.



reddot design award
winner 2011



reddot design award
winner 2010



reddot design award
winner 2009



product
design award

2014



product
design
award

2011



product
design
award

2010



product
design
award

2009



product
design
award

2007



material
award

2007

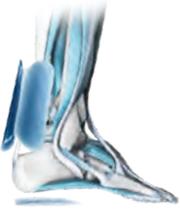


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AchilloTrain®

ACTIVE SUPPORT FOR RELIEVING THE ACHILLES TENDON



Pad running along the Achilles tendon



Indications

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

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 viscoelastic 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.
- Donning aid included

Mode of action

- The profile insert pad 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.



Size	1	2	3	4	5	6	Order no.
Ankle circumference in cm	17-19	19-21	21-23	23-25	25-27	27-29	110 1101 30*0+0°
	*1 = nature	*7 = black	*8 = titan	+6 = right, +7 = left, °= size			



AchilloTrain® Pro

ACTIVE SUPPORT FOR THE TREATMENT OF ACHILLES TENDON PROBLEMS



High-reaching friction pad running along the Achilles tendon

Indications

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

Features

- The viscoelastic pad 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 bone.
- The active support is anatomically knit to provide an excellent fit and is very comfortable to wear.
- The same version for right and left.
- Donning aid included

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.



Size	1	2	3	4	5	6	Order no.
Ankle circumference in cm	17-19	19-21	21-23	23-25	25-27	27-29	110 1105 10*000°
*1 = nature	*7 = black	*8 = titan	°= size				



MalleoTrain®

ACTIVE SUPPORT FOR RELIEF AND STABILIZATION OF THE ANKLE JOINT



Pads individually contoured to the inner and outer malleolus

Indications

- Chronic, post-operative and post-traumatic irritation (e.g. after sprains)
- Osteoarthritis and arthritis, joint effusions and swelling
- Tendomyopathies
- Ligament insufficiency
- Early functional / conservative treatment
- Relapse prevention

Features

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

Mode of action

- Graduated compression promotes the reabsorption of edema, effusions and hematomas.
- The pad 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.



Size	1	2	3	4	5	6	Order no.
Ankle circumference in cm	17-19	19-21	21-23	23-25	25-27	27-29	110 1110 20*0 +0°

■ *1 = nature ■ *7 = black ■ *8 = titan +6 = right, +7 = left, °= size

Custom-made solution: Please find the exact measuring points on our detailed measuring block. Custom-made solutions in nature and titan.



MalleoTrain® S

ACTIVE SUPPORT FOR RELIEF AND STABILIZATION OF THE ANKLE JOINT



Semi-elastic strap system wound in a figure of eight

Indications

- Ligament insufficiency
- Supination prophyllaxis
- Post-operative recovery
- Slight sprains

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.
- The knit is particularly stretchy, breathable and moisture-wicking for effective compression and excellent wearing comfort.
- Donning aid included

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.



Size	1	2	3	4	5	6	Order no.
Ankle circumference in cm	17-19	19-21	21-23	23-25	25-27	27-29	110 1111 20*0+0°
 *7 = black *8 = titan, +6 = right, +7 = left, °= size							



MalleoTrain® S open heel

ACTIVE SUPPORT FOR RELIEF AND STABILIZATION OF THE ANKLE JOINT WITH IMPROVED FLOOR CONTACT



Semi-elastic strap system wound in a figure of eight

Indications

- Ligament insufficiency
- Supination prophyllaxis
- Post-operative recovery
- Slight sprains

Features

- Open heel area for an improved feeling of contact with the ground.
- 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.
- 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.



Size	1	2	3	4	5	Order no.
Ankle circumference in cm	17-19	19-21	21-23	23-25	25-27	110 1115 00*0+0°
	 *1 = nature *8 = titan +6 = right, +7 = left, °= size					



MalleoTrain® Plus

ACTIVE SUPPORT FOR INCREASED ANKLE STABILITY AND SECURITY



Semi-elastic strap system wound in a figure of eight



Pads individually contoured to the inner and outer malleolus

Indications

- Chronic, post-traumatic or post-operative irritation in the ankle area
- Post-operative recovery
- Early functional treatment of capsular ligament injuries in the upper / lower ankle
- Ligament insufficiency / instability
- Supination prophylaxis, particularly during increased activity

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.
- Donning aid included

Mode of action

- The MalleoTrain Plus uses the same mechanism as a functional tape dressing.
- 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.
- 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.



Size	1	2	3	4	5	6	Order no.
Ankle circumference in cm	17–19	19–21	21–23	23–25	25–27	27–29	110 1112 0080 +0°

+6 = right, +7 = left, ° = size

AirLoc®

AIR-CUSHIONED ORTHOSIS FOR THE STABILIZATION OF THE UPPER ANKLE



Elastic flexible shell connection



Slim plastic shell



Indications

- Treatment of (acute) capsular ligament injuries of the ankle
- Early functional / non-surgical treatment of ankle injuries (e.g. after sprained ankle and ligament rupture)
- Post-operative recovery / protection (e.g. after ligament suture / repair / reconstruction)
- Chronic ligament insufficiency / instability
- Relapse prevention

Features

- AirLoc is an ankle orthosis incorporating an elastic shell connection. 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 and is particularly suitable for acute care.
- 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 upper ankle, particularly when used in combination with a shoe.

Available in one universal size

+6 = right, +7 = left

Order no.

120 1303 1080 +00

MalleoLoc® L

ORTHOSIS FOR LATERAL STABILIZATION OF THE ANKLE



Stabilizing L shell



Fits into everyday or business shoes



Improved sensorimotor function through a plantar pad that can be positioned as required



Indications

- Conservative treatment of ankle sprains and ruptured ligaments
- Acute and chronic capsular ligament instabilities
- Prevention of chronic ligament instability
- Inflammatory and degenerative functional impairments

Features

- Security thanks to shell element for lateral stabilization.
- Individual stabilization due to strap fastening system.
- Excellent wearing comfort because of soft microfiber cushioning.
- Thin shell on one side that fits easily into the shoe.
- Activation of the foot dorsiflexor muscles thanks to a plantar pad that can be individually positioned.

Mode of action

- The orthosis stabilizes the foot and provides lateral protection against twisting without restricting the foot's normal heel-to-toe movement.
- The optional plantar pad, which can be individually positioned, helps to create neuromuscular effects meaning that the ankle joint is actively stabilized by the muscles.

Available in one universal size

+6 = right, +7 = left

Order no.

120 1326 1080 +00

MalleoLoc® L3

ORTHOSIS WITH REMOVABLE ELEMENTS FOR LATERAL STABILIZATION OF THE ANKLE



Treatment solution for three stability requirements



Zipper for easy donning

Indications

- Conservative treatment of ankle sprains and ruptured ligaments
- Acute and chronic capsular ligament instabilities
- Prevention of chronic ligament instability
- Inflammatory and degenerative functional impairments

Features

- Security thanks to shell element for lateral stabilization.
- Compression support for active stabilization, improved proprioception and swelling reduction.
- Zipper enables easy donning of the support.
- Individual stabilization due to strap fastening system.
- Excellent wearing comfort because of high-quality knitted fabric.
- Thin shell on one side that fits easily into the shoe.

Mode of action

- The orthosis stabilizes the foot and protects against lateral twisting without significantly restricting the normal heel-to-toe movement.
- The L shell sits in front of the talus and prevents talar shift.
- The compression support helps to reduce swelling, increases proprioception and active stabilization.
- The removable elements of the orthosis provide the patient with the ideal support during treatment and offers the right degree of stabilization in every healing stage.



Size	1	2	3	4	5	6	Order no.
Ankle circumference in cm	17–19	19–21	21–23	23–25	25–27	27–29	120 1327 1080 +0°

+6 = right, +7 = left, ° = size

MalleoLoc®

ORTHOSIS FOR STABILIZATION OF THE ANKLE



Plantar guide

Indications

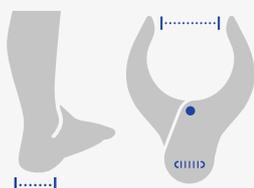
- Early functional / non-surgical treatment for capsular ligament injuries in the ankle and bifurcate ligament injuries (e.g. after sprained ankle and ligament rupture)
- Post-operative protection after ligamental suturing / reconstruction
- Chronic ligament insufficiency
- Relapse prevention

Features

- High degree of stabilization provided by a medial and lateral plastic shell.
- 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 promotes the activation of the tibialis anterior muscles 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 and protects against lateral twisting without significantly obstructing normal heel-to-toe movement.
- MalleoLoc is positioned antero-laterally and medially on the joint to counteract talar shift without restricting freedom of movement in the plantar flexion.
- The strap system allows the degree of immobilization to be continuously adjusted.
- The plantar guide helps to create neuromuscular effects and thus actively stabilizes the ankle joint through the muscles.



Size	1 = normal	2 = wide	Order no.
Heel width	< 6 cm	> 6 cm	120 1301 3080 +0°

+6 = right, +7 = left, ° = size

CaligaLoc®

ORTHOSIS FOR STABILIZATION OF THE UPPER AND LOWER ANKLE



Support and postural splint

Indications

- Non-surgical treatment of severe ankle injuries
- Post-operative protection after ligamental suturing / reconstruction
- Chronic instability of the upper and / or lower ankle where surgery is contraindicated
- Post-traumatic sinus tarsi syndrome and decompensated instability of the subtalar joint, also as temporary stabilization aid

Features

- The anatomically contoured plastic shell can be reshaped thermoplastically as required. The inside of the orthosis' lateral shell is covered with a soft anti-fatigue cushion for enhanced wearing comfort.
- The anatomically contoured Velcro straps ensure that it is quick and easy to put on and guarantee extra comfort.
- The orthosis 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 prevents abnormal load situations in the upper and, to a certain extent, lower ankle.
- The integrated pronation wedge takes the strain off the lateral malleolar ligaments and has a stabilizing effect that counteracts supination.

Size	1	2	3	Order no.
Shoe sizes as a guide	34-38	39-43	44-48	120 1300 4080 +0°

+6 = right, +7 = left, °= size

ValguLoc®

ORTHOSIS FOR CORRECTION OF THE BIG TOE AT REST



Postural splint

Indications

- Hallux valgus (conservative and post-operative)

Features

- ValguLoc is a postural splint for the correction of hallux valgus.
- ValguLoc is anatomically contoured and its simple design 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.
- Post-operative loss of correction (e.g. due to scar formation), can be avoided, and the splinting helps protect the big toe from mechanical forces.

Size	1	2	3	Order no.
Shoe sizes as a guide	34-36	37-40	41-46	120 1310 2080 +0°
+6 = right, +7 = left, °= size				

ValguLoc® II

ORTHOSIS FOR CORRECTION
OF THE BIG TOE AT REST
AND DURING MOVEMENT



Flexion and extension
can be gradually
restricted

Indications

- Post-operative protection / rehabilitation following hallux valgus surgery
- Non-surgical functional treatment of big toe misalignments with mobilization

Features

- Multidimensional hinge
 - The hallux valgus angle can be adjusted to match the post-operative position and adapted to the individual shape of the foot
 - The setting of the hallux valgus angle does not change during flexion and extension
 - Flexion / extension can be locked in a range of positions for post-operative splinting / immobilization.
 - The flat construction and the hinge's shell-shaped anatomical contours relieve pressure on the metatarsophalangeal joint.
- Can be worn in any wide urban footwear thanks to the slim, close-fitting design.
- The anti-fatigue padding and anatomically shaped splint and hinge translate into long-term wearing comfort.
- Easy to put on and take off thanks to the flat Velcro® fasteners.
- Thermoformable splint material prevents pressure points from forming.
- The same version for right and left.

Mode of action

- Post-operative splinting immobilizes the metatarsophalangeal joint.
- Maintains the post-operative position (hallux valgus angle) during mobilization.
- Correction of the metatarsophalangeal joint.

Available in one universal size

Order no.

120 1316 0050 000

GenuPoint®

SUPPORT FOR TARGETED RELIEF OF THE PATELLAR TENDON



Viscoelastic pad

Indications

- Irritation in the patellar tendon area (patellofemoral pain syndrome, patellar chondropathy, patellar tip syndrome / jumper's knee)

Features

- The tension-resistant SofTec knit exerts targeted, medically effective compression on the patellar tendon.
- The individually adjustable strap enables the pressure to be adapted dynamically and regulates the compression as required.
- The viscoelastic pad is anatomically contoured and particularly wide. It has four pressure points and frictional nubs.
- The support's breathable materials and anatomical slim fit offer superior wearing comfort.
- The same version for right and left.

Mode of action

- The special pad enables targeted compression of the patellar ligament.
- The pad guides and relieves strain on the patellar tendon. It massages typically painful areas during movement, thereby relieving symptoms.



Size	1	2	3	Order no.
Circumference in cm	28–30	30–35	35–44	120 424 000*000°
 *7 = black *8 = titan ° = size				



GenuTrain®

ACTIVE SUPPORT FOR RELIEF AND STABILIZATION OF THE KNEE JOINT



Omega pad



Indications

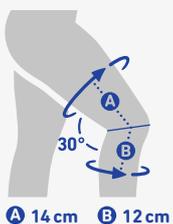
- Irritation (tendomyopathy, ligament insertion degeneration, meniscopathy, chronic, post-traumatic or post-operative treatment)
- Recurrent joint effusion
- Gonarthrosis / arthritis (joint wear / joint inflammation)
- Prevention / relapse prevention
- Feeling of instability

Features

- Omega pad: integrated, ring-shaped viscoelastic pad surrounding the patella with two pressure points on the distal section of the pad and two lateral wings at the level of the menisci.
- Train knit design: particularly stretchy, breathable and moisture-wicking for excellent wearing comfort.
- Especially soft knit fabric for the hollow of the knee.
- Anatomically knit for an optimum fit and highly secure positioning.
- Compression-reduced edges divert pressure at the ends of the support and thus offer superior wearing comfort.
- Integrated donning aid makes the support easier to put on.
- The same version for right and left.
- We recommend the siliconized version for comfort sizes.

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 has a positive effect on the sensorimotor system and thus on muscle control.



A 14 cm B 12 cm

Size		0	1	2	3	4	5	6	7	Order no.
Standard	Circumf. top in cm	35-38	38-41	41-44	44-47	47-50	50-53	53-56	56-59	110412050*Δ00°
	Circumf. bottom in cm	25-28	28-31	31-34	34-37	37-40	40-43	43-46	46-49	
Comfort	Circumf. top in cm				47-50	50-53	53-56	56-59	59-62	110412050*Δ08°
	Circumf. bottom in cm				34-37	37-40	40-43	43-46	46-49	

■ *1 = nature ■ *7 = black ■ *8 = titan

Δ 0 = without silicone border, Δ 9 = with silicone border (only in titan and black, comfort sizes also in nature), ° = size

Custom-made solution: Please find the exact measuring points on our detailed measuring block. Custom-made solutions in nature and titan.



GenuTrain® A3

ACTIVE SUPPORT FOR THE TREATMENT OF COMPLEX KNEE COMPLAINTS



Patella pad with friction zones



Indications

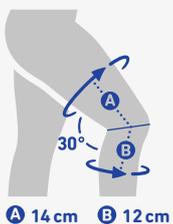
- Knee irritation, particularly in the case of osteoarthritis of the knee and arthritis (chronic, post-traumatic, and post-operative, ligament insertion degeneration and tendomyopathy)
- Knee pain with functional instability due to general muscular imbalance
- Recurrent joint effusion
- Prevention / relapse prevention
- Patellar lateralization

Features

- Train knit design: particularly stretchy, breathable and moisture-wicking for excellent wearing comfort especially behind the knee.
- The special pad shape covers typical pain areas and important receptor zones of the knee joint.
- In addition, the viscoelastic pad features friction zones that are covered with nubs.
- The patellar corrective strap is embedded in the pad zone.
- A special fabric weave that is gentle on the skin covers the critical popliteal area.
- An expansion zone in the lower leg section makes it easier to put the support on and to take it off.

Mode of action

- The compression / decompression effect resulting from movement similar to a friction massage promotes the reduction of edema and reabsorption of effusions. This accelerates the healing process and leads to pain reduction in the medial capsular ligament area.
- The stimulation of skin receptors and nerve endings in the muscle-tendon junction supports the neuro-myonal control system. This leads to a synchronization and activation of the muscles. The teardrop muscle is stimulated in particular. The tendon of the quadriceps femoris muscles is left free.
- The integrated corrective strap counteracts patellar drifting.



Size	1	2	3	4	5	6	Order no.
Circumference top in cm	38-41	41-44	44-47	47-50	50-53	53-56	110.4125.10*0+0°
Circumference bottom in cm	28-31	31-34	34-37	37-40	40-43	43-46	

■ *1 = nature ■ *8 = titan +6 = right, +7 = left, ° = size



GenuTrain® P3

ACTIVE SUPPORT FOR KNEECAP RELIEF



Patella pad with adjustable corrective strap

Muscle-relaxing pad

Indications

- Knee irritation (patellofemoral pain syndrome, patellar chondropathy, chondromalacia, patellar tip syndrome / jumper's knee, runner's knee)
- Patellar lateralization
- High-riding patella (patella alta)
- After lateral release surgery
- Feeling of instability

Features

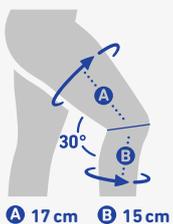
- Train knit design: particularly stretchy, breathable and moisture-wicking for excellent wearing comfort especially behind the knee.
- A special fabric weave that is gentle on the skin covers the critical popliteal area.
- The corrective strap is positioned along the lateral patellar margin and can be individually adjusted.
- The anatomically shaped pad surrounds and protects the patella and makes it easier to position the support correctly.

- 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 teardrop muscle.
- A crescent-shaped medial patella cover is integrated into the patella recess in the pad.
- The muscle-relaxing pad (the only one of its kind in the world) is located at the lateral upper edge of the support.

Mode of action

- External compression accelerates the absorption of edemas and effusions. Proprioception is improved, which helps joint stability.
- The soft knit fabric used for the popliteal area provides both excellent wearing comfort and medically effective compression.
- Together with the adjustable corrective strap, the pad centers the patella. It stops the patella from drifting laterally.
- After surgery, the adjustable corrective strap safeguards positive surgical outcomes.

- The friction points reduce pressure and alleviate pain in the retropatellar area.
- Together with the intermittent compression, the proximal pad section of the support stimulates the teardrop muscle, reduces pain and stimulates metabolism.
- The medial patella cover counteracts medial tilting of the patella during activity. This helps physiological movement of the patella.
- The sensorimotor feedback triggered by the muscle-relaxing pad causes the iliotibial tract on the lateral patellar retinaculum to relax slightly, thereby minimizing the lateral pull on the patella. This takes the strain off the patella and pain is reduced.



Size	1	2	3	4	5	6	Order no.
Circumference top in cm	39-42	42-45	45-48	48-51	51-54	54-57	1104140 30°Δ +0°
Circumference bottom in cm	28-31	31-34	34-37	37-40	40-43	43-46	

*1 = nature *7 = black *8 = titan

Δ 0 = without silicone border, Δ 9 = with silicone border (only in titan), +6 = right, +7 = left, ° = size

Custom-made solution: Please find the exact measuring points on our detailed measuring block. Custom-made solution in nature.



GenuTrain® S

ACTIVE SUPPORT FOR INCREASED STABILIZATION OF THE KNEE JOINT



Lateral joint splints



Indications

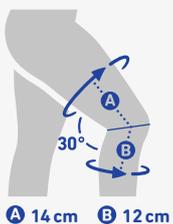
- Joint instability (mild to moderate)
- Gonarthrosis
- Arthritis (e.g. rheumatoid arthritis)

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.
- Train knit design: particularly stretchy, breathable and moisture-wicking for excellent wearing comfort especially behind the knee.
- A circular viscoelastic pad surrounds the patella and makes it easier to position the support correctly.

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 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.



A 14 cm B 12 cm

Size	1	2	3	4	5	6	7	Order no.
Circumference top in cm	38-41	41-44	44-47	47-50	50-53	53-56	56-59	110 4130 40*0+0°
Circumference bottom in cm	28-31	31-34	34-37	37-40	40-43	43-46	46-49	

*1 = nature
 *7 = black
 *8 = titan
 +6 = right, +7 = left, °= size

Custom-made solution: Please find the exact measuring points on our detailed measuring block. Custom-made solution in titan.



GenuTrain® S Pro

ACTIVE SUPPORT FOR INCREASED STABILIZATION OF THE KNEE JOINT, LIMITING MOBILITY



Restrictable hinge



Indications

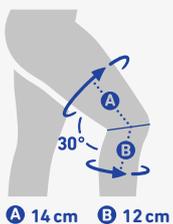
- Joint instability (mild to moderate)
- Gonarthrosis
- Arthritis (e.g. rheumatoid arthritis)
- Meniscus injuries

Features

- The anatomically shaped joint splints can be heated and reshaped and are inserted in lateral guide channels.
- The joint splints can be limited to a flexion angle of 30°, 60° or 90° and an extension angle of 20°.
- Circularly inelastic straps around the thigh and the lower leg also help to secure the joint splints in place and stabilize the knee joint.
- The highly elastic knit made from breathable materials guarantees a perfect fit and excellent wearing comfort.
- A particularly soft and fine knit protects the sensitive area behind the knee.
- A circular viscoelastic pad surrounds and protects the patella and makes it easier to position the support correctly.

Mode of action

- By restricting the hinges, it is possible to limit the range of motion of the knee in line with therapy.
- The combination of joint splints and straps offers additional passive support for the knee and guides it securely during movement.
- The positive effect on the sensorimotor system provides increased active support for the knee as well as lasting stabilization.
- Knee movements reshape the padded ring, producing a pain-relieving intermittent compression massage on the parapatellar soft tissue structures.
- The compression and massage effects of the support accelerate the absorption of edemas and effusions.



Size	1	2	3	4	5	6	7	Order no.
Circumference top in cm	38-41	41-44	44-47	47-50	50-53	53-56	56-59	110.4135.00*0+0°
Circumference bottom in cm	28-31	31-34	34-37	37-40	40-43	43-46	46-49	

*1 = nature
 *7 = black
 *8 = titan
 +6 = right, +7 = left, ° = size

Custom-made solution: Please find the exact measuring points on our detailed measuring block. Custom-made solution in titan.

MyoTrain®

ACTIVE SUPPORT FOR THE TREATMENT OF MUSCLE INJURIES TO THE THIGH



Optional:
Functional pad and
small acute pad

Indications

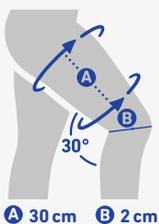
- For compression in the case of muscle injuries (muscle hardening, muscle strains, torn muscle fibers, torn muscles)
- Relapse prevention

Features

- The anatomical knit, siliconized and pressure-reduced edges ensure an optimal and secure fit and excellent wearing comfort.
- Both pads (acute and functional pad) 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 version for right and left.

Mode of action

- MyoTrain works according to the principles of 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 impedes reoccurring injuries.



Size	1	2	3	4	5	6	7	Order no.
Circumference top in cm	44-48	48-52	52-56	56-60	60-64	64-68	68-72	110 3250 0080 00°
Circumference bottom in cm	32-35	35-38	38-41	41-44	44-47	47-50	50-53	

°= size

A 30 cm B 2 cm



SofTec® Genu

ORTHOSIS FOR PASSIVE AND ACTIVE STABILIZATION OF THE KNEE JOINT



Lateral joint splints with restrictable joints



Indications

- Rupture of the anterior and / or posterior cruciate ligament (ACL / PCL)
- Conservative treatment, pre-operative and delayed post-operative management
- Long-term recovery, chronic insufficiency
- Severe and / or complex instability (traumatic, degenerative; e.g. "unhappy triad")
- Collateral ligament injury
- Functional instability, e.g. lack of neuromuscular control, non-copper
- To restrict the range of movement of the knee (e.g. after meniscal suturing or meniscal implantation)

Features

- The extensive surface area contact between the knitted fabric and the leg prevents localized pressure points and boosts muscle activity.
- The anatomically shaped 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.
- At the same time, the flexibility of the knitted fabric allows the muscles to move in the orthosis.
- 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, counteracts anterior knee pain, and marks the correct fit of the orthosis.
- 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.

Size	1	2	3	4	5	6	Order no.
Circumference top in cm	38-42	41-45	44-49	48-53	51-57	54-60	122 4600 10*0 +0°
Circumference middle in cm	29-32	32-35	35-38	38-41	41-44	44-47	
Circumference bottom in cm	28-32	31-35	34-38	36-40	39-43	42-46	
Hinge protection cover available as an accessory							129 4601 1070 000

A 17 cm
 B 15 cm
 *7 = black
 *8 = titan
 +6 = right, +7 = left, °= size



SecuTec® Genu

ORTHOSIS FOR STABILIZATION OF THE KNEE JOINT



Hinge fastening



Calf strap adjustment



Indications

- Rupture of the anterior and / or posterior cruciate ligament (ACL / PCL)
- After ligament surgery / ligament reconstruction
- Severe and / or complex instability (traumatic, degenerative; e.g. "unhappy triad")
- Collateral ligament injuries
- To restrict the range of movement of the knee (e.g. after meniscal suturing or meniscal implantation)
- Patellar fracture (conservative and post-operative)

Features

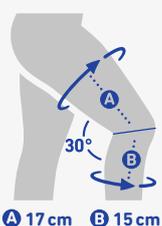
- Hard-frame orthosis that stabilizes the knee joint in both the sagittal and frontal plane.
- The orthosis can be adjusted without tools.
- Based on its alloy finish and shape, the aluminum frame offers maximum stability, whilst being lightweight and flat, especially to the medial side.

- The frame can be adjusted to fit the patient's anatomy.
- The upper and lower leg frames can be combined in different sizes in the assembly kit.
- The orthosis can easily be positioned at the front and fastened by the patient.
- The duo-centric hinge is protected from dirt and wear by a cover and includes a 0° stop.
- To fit the individual knee width (e.g. swelling), there are condyle pads of varying thickness.
- Joint limitation is adjusted via the quarter screw fastening without the need for tools.
- The limiting wedges are positioned clearly in 2 frames each.
- Flexion and extension can be limited independently of one another (flexion: 0°, 10°, 20°, 30°, 45°, 60°, 75°, 90°) (extension: 0°, 10°, 20°, 30°, 45°).
- The joint can be immobilized in steps of 0°, 10°, 20°, 30°, 45°.

- The limiting angle can be seen on the outside of the hinge.
- Numbered quick-fit fasteners make it easier for the patient to put on the orthosis correctly for a secure fit.
- The height-adjustable calf strap can be adjusted to fit the patient's anatomy.
- Six integrated straps ensure the support is adjusted according to the individual indication.
- The pads can be easily attached and detached for cleaning.

Mode of action

- The knee orthosis is based on the 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	7	Order no.	
Circumf. top in cm	38-42	41-45	44-49	48-53	51-57	54-60	60-72	SecuTec Genu	12146140**0+0°
Circumf. bottom in cm	28-32	31-35	34-38	36-40	39-43	42-46	46-51	SecuTec Genu	12146190**0+0°
	■ **05 = blue ■ **23 = green +6 = right, +7 = left, ° = size							SecuTec Genu	12146470**0+^>
	^ = size of proximal frame, > = size of distal frame							construction kit	12146470**0+^>
Possible combinations									
Size (proximal frame)	1	2	3	4	5	6	7		
Size (distal frame)	1,2,3	1,2,3,4	1,2,3,4,5	2,3,4,5,6	3,4,5,6,7	4,5,6,7	5,6,7		



SofTec® OA

ORTHOSIS FOR RELIEF IN CASES
MEDIAL GONARTHROSIS



Duo-centric joint connects carbon fiber splints



Indications

- Medial gonarthrosis

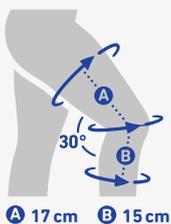
Features

- 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 pre-contoured carbon-fiber sidebars can be heated and reshaped.
- The shells are connected by an extremely stable, 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 shells and hinge can easily be removed from the fabric pocket of the knitted section by undoing the Velcro fastenings.

Mode of action

- The air cushion system with shells and hinge combined with the tension-stable 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.



Size	1	2	3	4	5	6	7	Order no.
Circumference top in cm	41-45	44-49	48-53	51-57	54-60	57-63	60-66	122 4680 00*0 +0°
Circumference middle in cm	32-35	35-38	38-41	41-44	44-47	47-50	50-53	
Circumference bottom in cm	31-35	34-38	36-40	39-43	42-46	45-49	48-52	

■ *7 = black ■ *8 = titan +6 = right, +7 = left, ° = size

A 17 cm B 15 cm



SecuTec® OA

NEW

ORTHOSIS FOR RELIEF AND STABILIZATION OF THE KNEE JOINT



Anatomically contoured gel cushions with insertable wedges for precise adjustment



One orthosis for both directions of relief – no narrowing of the knee width



Adjustable calf shell for a perfect fit and pressure distribution



Different sizes can be combined to provide the perfect fit, e.g. upper leg in size 5 – lower leg in size 3



Indications

- Medial or lateral knee osteoarthritis
- Postoperative stabilization and relief

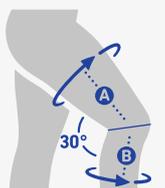
Features

- Easy handling and reduced storage requirements – one orthosis for both directions of relief (varus and valgus).
- Improved wearing comfort thanks to targeted corrective pressure – pressure distribution along the lower leg, no narrowing of the knee width.
- Optimum fit and pressure distribution – adaptive calf shell (self-regulating inclination angle: no fixation).
- Individual fitting – hinges on the distal frame for varus or valgus adjustment (25° each).
- Particularly comfortable – anatomically contoured gel cushions
 - Thickened ventral part of the condylar pad, optionally insertable wedges for precise adjustment of the condylar pads to fit the anatomy of the knee and to extend the contact surface
 - Cushions on the sides featuring a recess for the tibial head
 - Medial or lateral application options – depending on the setting.
- Optimized fitting – components can be combined
 - Proximal part of the frame identical to SecuTec Genu
 - Proximal and distal frames can be easily combined across two sizes.

- Easy adjustment – hinges can be limited without tools (optional – not included in delivery)
 - Extension: 0°, 10°, 20°, 30°, 45°
 - Flexion: 0°, 10°, 20°, 30°, 45°, 60°, 75°, 90°
 - Immobilization: 0°, 10°, 20°, 30°, 45°.
- Gentle on the knee – damped hinge stop in a nature (slight) hyperextension (default hinge setting).
- Slim design – low profile, especially on the medial side.
- Hygienic – all pads can be attached and detached for cleaning.
- Can be put on safely by the patient – numbered quick fasteners.

Mode of action

- Correction and relief according to the 3-point principle (varus and valgus setting).
- Stabilization according to the 4-point principle.
- Hinge limitation elements for restricting mobility or immobilization (optional).



A 17 cm B 15 cm

Size	1	2	3	4	5	6	7	Order no.
Circumf. top in cm	38–42	41–45	44–49	48–53	51–57	54–60	60–72	SecuTec OA 12146910050+0°
Circumf. bottom in cm	28–32	31–35	34–38	36–40	39–43	42–46	46–51	SecuTec OA construction kit 12146920050+^>

+6 = right, +7 = left, ° = size

^ = size of proximal frame, > = size of distal frame

MOS-Genu

ORTHOSIS FOR THE CORRECTION AND STABILIZATION OF THE KNEE JOINT



Long version with removable extension shells



Indications

- Support for the affected compartment in cases of varus / valgus osteoarthritis of the knee
- Rupture of the anterior and / or posterior cruciate ligament (ACL / PCL)
- Severe and / or complex instability (traumatic, degenerative; e.g. "unhappy triad")
- Collateral ligament injury
- To restrict the range of movement of the knee (e.g. after meniscal suturing or meniscal implantation)
- Genu recurvatum (with cross-strap)

MOS-Genu long:

- Corrective osteotomies
- Complex ligament reconstructions
- Fractures located close to joints, implant surgery and protection
- Patellar fracture (conservative and post-operative)

Features

- The aluminum frame is anatomically contoured and can subsequently be reshaped as required.
- The long version can readily be converted to the standard length by removing the extension shells.
- The shell pads are equipped with a breathable, nonslip, skin-friendly coating.
- 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 thickness 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 Varus / valgus adjustment relieves the relevant knee compartment and / or the collateral ligament according to the 3-point principle.
- The knee orthosis is based on the known 4-point-Principle and thus counteracts the anterior drawer phenomenon.
- The frame construction stabilizes the knee joint 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	1	2	3	4	5	Order no. short	Order no. long
Max. Knee width in mm	85–95	95–105	105–115	115–125	125–135	121 4660 4051 +0°	121 4660 4052 +0°

+6 = right, +7 = left, °= size

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 Genu 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®

ORTHOSIS FOR IMMOBILIZATION OF THE KNEE JOINT



Contoured aluminum bars



Indications

- Immobilization of the knee joint (pre-operative, post-operative, post-traumatic)
- 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 post-operative 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 straps allow for individual adaptation to the respective leg circumference.
- Lateral plastic bars stretch the supporting material and adapt themselves to the angle of the aluminium bars.
- The same version 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.

Available in one universal size

Order no.
120 4320 0070 000

SofTec® Coxa

ORTHOSIS FOR THE STABILIZATION AND GUIDANCE OF THE HIP JOINT



Three-part plastic pelvic harness



Monocentric hinge for abduction / adduction and flexion / extension



Indications

- Hip joint dislocation
- Total replacement surgery
- Total replacement revision surgery
- Femoral head resection (Girdlestone arthroplasty)
- Hip spacer for two-stage revision procedures
- Osteoarthritis of the hip (moderate to severe)
- Instability of the hip joint

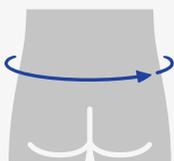
Features

- 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 adduction / abduction 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 version 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
 - Adapting the orthosis hinge to suit the indication
- The multi-dimensional, monocentric hinge allows for treatment in the adduction or abduction position required in each case and limits extension and flexion.
- This limitation of movement ensures positive surgical outcomes.
- Movements that could otherwise lead to recurrent dislocation are avoided.



Size

	1	2	3
Abdominal circumference in cm	75–95	95–115	115–135

°= size

* for ladies, ** for men

Order no.
Offset hinge*

122 2524 0080 00°

Order no.
Straight hinge**

122 2525 0080 00°

LumboTrain® / Lady

ACTIVE SUPPORT FOR RELIEF AND STABILIZATION OF THE LUMBAR SPINE



LumboTrain Lady



Perforated fastening with air pores

Back pad



Indications

- General pain in the lumbar spine area (acute and chronic)
- Degenerative conditions of the lumbar spine (e.g. osteochondrosis, osteoarthritis, lumbar deformities, spondylolysis without vertebral displacement)
- C.f. prolapse (conservative / post-operative)
- C.f. discectomy

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

- When used in combination with the viscoelastic friction pad, the compression knit relieves pain during movement. It helps relieve tension and its improved proprioception activates muscle control.

Size	1	2	3	4	5	6	7	Order no.	Order no. Lady
	Abdominal circumference in cm	70-80	80-90	90-100	100-110	110-120	120-130		

°= size

SacroLoc®

ORTHOSIS FOR THE STABILIZATION OF THE PELVIS AND RELIEF OF THE SACROILIAC JOINTS



Elastic mesh material and patented strap system



Two massage pads



Indications

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

Features

- Elastic mesh material with an anatomical shape for a high level of wearing comfort in terms of breathability, snugness, and position stability during movement.
- Tensioning straps dorsally redirected from the outside to the inside.
- Two pads with massage nubs are dorsally fixed to the inside of the straps and directly controlled for a targeted effect. Cutouts at the iliac spine (SIPS) for better wearing comfort.
- Lateral deflection loops for a high level of pressure distribution without exerting much energy.
- Thin, low-profile fastening with soft edges for enhanced wearing comfort.
- Practical, wide hand loops making it convenient and easy to put on with minimal effort
- High level of patient compliance as the orthosis can be worn inconspicuously under clothing.

Mode of action

- The circular compression provided by the pelvic support and its two tensioning straps straightens the sacrum and relieves the local ligaments.
- The proprioceptive effect improves muscle tone.
- The degree of stabilization and therefore the relief can be individually adjusted using the tensioning straps.
- The two dorsal pads provide a massaging effect during movement. This promotes circulation, helps reduce pain, and relieves tension.

Note: The suitability and use of the orthosis during pregnancy is to be determined by a physician on a case-by-case basis.

Size	1	2	3	4	5	6	7	Order no.
Pelvic circumference in cm	70-80	80-90	90-100	100-110	110-120	120-130	130-140	120 8416 2080 00°
° = size								

LordoLoc®

ORTHOSIS FOR GENTLE
STABILIZATION AND RELIEF
OF THE LUMBAR SPINE



Elastic tensioning strap
for individually
adjustable compression

Indications

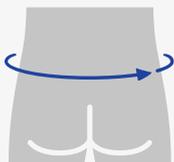
- General pain in the lumbar spine area (acute and chronic)
- Moderate degeneration / muscular insufficiency of the spine

Features

- LordoLoc is an orthosis with muscle activating and relieving properties that provides light strain relief and stabilization of the lumbar spine and the lumbosacral junction.
- The elastic and breathable material adapts itself optimally to the anatomy, is very lightweight, and offers a high degree of wearing 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.

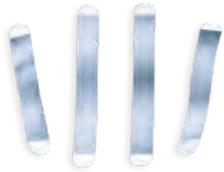


Size	1	2	3	4	5	6	Order no.
Abdominal circumference in cm	70–80	80–90	90–100	100–110	110–120	120–130	121 8500 0080 00°

°= size

LumboLoc®

ORTHOSIS FOR THE
STABILIZATION AND RELIEF
OF THE LUMBAR SPINE



Integrated dorsal corset stays

Indications

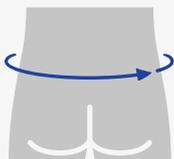
- General pain in the lumbar spine area (acute and chronic)
- Moderate degeneration / muscular insufficiency of the spine
- Facet syndrome

Features

- The anatomically contoured knit ensures an optimal fit and a high degree of wearing comfort.
- The corset stays integrated into the back ensure easy individual adaptation.
- Practical hand straps mean that the orthosis can be fitted easily without the need to expend considerable effort.

Mode of action

- The lumbar 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.



Size	1	2	3	4	5	6	Order no.
Abdominal circumference in cm	70-80	80-90	90-100	100-110	110-120	120-130	1218400308000°

°= size

LumboLoc® Forte

ORTHOSIS FOR GREATER STABILIZATION AND RELIEF OF THE LUMBAR SPINE



LPT strap system that requires minimal effort



Sacral pad



Lumbar pad

Indications

- Moderate lumbosciatica with slight muscular deficiencies in the case of intervertebral disk protrusions / prolapse
- Moderate (pseudo)radicular lumbar syndrome
- Spondylolysis / spondylolisthesis, Grade I
- Moderate lumbar deformity
- C.f. prolapse (e.g. post-operative)
- Ligamento-tendomyopathies
- Moderate degeneration / muscular insufficiency of the spine

Features

- Anatomically contoured, knitted lumbar 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). Lumbar orthosis and pad form a single functional unit.

Note: Please include the name of the type of pad with the prescription.

LumboLoc® Forte	Size						Order no.
	1	2	3	4	5	6	
Abdominal circumference in cm	70-80	80-90	90-100	100-110	110-120	120-130	121 8403 0080 00°
°= size							
LumboLoc® Forte pads	Order no. for lumbar pad		Order no. for sacral pad				
Size	121 8405 0050 001		121 8404 0050 001				
Available in one universal size							

Spinova® Stabi Classic

ORTHOSIS FOR MODERATELY STABILIZING THE LUMBAR SPINE



Indications

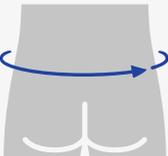
- Moderate (pseudo)radicular lumbar syndrome
- Moderate lumbosciatica with slight deficiencies in the case of intervertebral disk protrusions / prolapse
- C. f. prolapse (conservative / post-operative)
- C. f. discectomy
- Spondylolisthesis, Grade I

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.
- The orthosis is easy to open and close, thanks to the large finger pockets on the abdominal fastening.
- The length of the tensioning straps is individually adjustable.

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 no.
	Abdominal circumference in cm		70-80	80-90	90-105	105-115	115-125	125-140

°= size

Spinova® Support Plus Classic

ORTHOSIS FOR MODERATELY SUPPORTING THE LUMBAR LORDOSIS



Removable bridging panel



Optional abdominal panel for increased compression of the abdomen

Indications

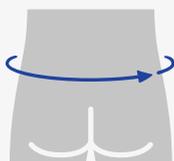
- Stable vertebral fractures (lumbar spine) with vertebral body damage, relieving the front edges of vertebrae
- Moderate degeneration / muscular insufficiency of the spine
- Moderate lumbosciatica with muscular deficiencies in cases of intervertebral disk protrusions / prolapse
- Facet syndrome
- Moderate (pseudo)radicular lumbar syndrome
- Lumbar spinal canal stenosis (conservative, post-operative)
- Spondylolysis / spondylolisthesis, Grade II
- C. f. prolapse (conservative / post-operative)
- C. f. discectomy
- C. f. spondylodesis / kyphoplasty (one or more levels)
- Osteoporosis

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 panel 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 panel and / or aluminum stays are removed.

Mode of action

- The combination of the Spinova mesh material, the classic strap system, and the lumbar panel 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 panel 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	122 8563 1000 00°

°= size

Spinova® Support Plus

ORTHOSIS FOR STABILIZING AND SUPPORTING LUMBAR LORDOSIS



Removable bridging panel



Optional abdominal panel for increased compression of the abdomen

Indications

- Vertebral fractures (lumbar spine) with vertebral body damage, relieving the front edges of vertebrae
- Spondylolysis / spondylolisthesis, Grade II
- Moderately severe lumbar sciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / prolapse
- Lumbar spinal canal stenosis, also with paresis (conservative, post-operative)
- Moderately severe lumbar deformity in cases of facet syndrome / osteoarthritis
- Moderate (pseudo)radicular lumbar syndrome
- Severe degeneration / muscular insufficiency of the spine
- C. f. prolapse (conservative / post-operative)
- C. f. discectomy
- C. f. spondylodesis / kyphoplasty (one or more levels)
- Osteoporosis

Features

- Strap closure on the tensioning strap system makes it easy to adjust the individual circumference and the therapeutic application of force that is required.
- Application of the force that is suitable for the indication directly at the spine, thanks to height-adjustable tensioning straps.
- Integral aluminum stays allow the Spinova back setting device to be shaped to suit the patient and the indication.
- 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 panel adapts to the individual shape of the back. The cushioning on the inside provides a high degree of wearing comfort.
- The 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.

- Convenient for the patient to put on with minimal effort required, thanks to the Spinova tensioning strap system (integral pulley system).

Mode of action

- The combination of the Spinova mesh material, the tensioning strap system and the bridging panel stabilizes and relieves pressure on the spine. Movements which are damaging to the spine are restricted.
- The adjustable abdominal fastener combined with the Spinova tensioning strap system allows the level of compression exerted on the abdominal cavity to be adjusted to suit the individual.
- An additional abdominal panel increases the abdominal pressure on the lumbar spine.

Multifunctionality

The orthosis features a modular design. The removal / addition of functional elements allows for treatment in phases – from initial stabilization to increasing mobilization.

Size	1	2	3	4	5	6	7	Order no. short	Order no. standard
	Abdominal circumference in cm	70–80	80–90	90–100	100–110	110–120	120–130	130–140	122 8542 1001 00°
°= size									
Versions: standard > 170 cm height, short < 170 cm height									

Spinova® Unload Classic

ORTHOSIS FOR MODERATELY REDUCING LORDOSIS OF THE LUMBAR SPINE



Removable bridging frame (available in short and long)



Indications

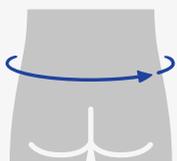
- Stable vertebral fractures (lumbar spine) with vertebral body damage, relieving the rear edges of vertebrae
- Spondylolysis / spondylolisthesis, Grades I–II
- Moderately severe lumbar sciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / prolapse
- Lumbar spinal canal stenosis, also with paresis (conservative, post-operative)
- Moderate (pseudo)radicular lumbar syndrome
- Facet syndrome
- C.f. discectomy

Features

- The classic strap system with a Velcro strap 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 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

- Forces are distributed via the bridging frame onto the thoracic spine, the pelvis, and the sacral bone. It can reduce lumbar lordosis and thus relieve the lumbar spine.
- 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 also relieved by the compression of the abdominal cavity.
- The supportive effect extends as far as the lower thoracic spine.



Size

Abdominal circumference in cm

°= size

Versions: long > 170 cm height, short < 170 cm height

	1	2	3	4	5	6
Abdominal circumference in cm	70–80	80–90	90–105	105–115	115–125	125–140

Order no. short

Order no. long

122 8562 1001 00° 122 8562 1002 00°

Spinova® Unload Plus

ORTHOSIS FOR REDUCING LORDOSIS OF THE LUMBAR SPINE



Removable bridging frame (available in short and long)



Optional abdominal panel for increased compression of the abdomen

Indications

- Vertebral fractures (lumbar spine) with vertebral body damage, relieving the rear edges of vertebrae
- Spondylolysis / spondylolisthesis, Grades I–II
- Most severe lumbar deformity in cases of facet syndrome / osteoarthritis
- Most severe lumbar sciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / prolapse
- Lumbar spinal canal stenosis, also with paresis (conservative, post-operative)
- Most severe lumbar (pseudo)radicular syndrome
- Foraminal stenosis

Features

- Strap closure on the tensioning strap system makes it easy to adjust the individual circumference and the therapeutic application of force that is required.
- Application of the force that is suitable for the indication directly at the spine, thanks to height-adjustable tensioning straps.

- Integral aluminum stays allow the Spinova back setting device to be shaped to suit the patient and the indication.
- The elastic Spinova mesh material guarantees both a perfect fit and outstanding wearing comfort.
- 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 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.
- Convenient for the patient to put on with minimal effort required, thanks to the Spinova tensioning strap system (integral pulley system).
- The anatomically contoured corset stays adapt to the patient's individual body shape.

Mode of action

- Thanks to the design of the 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 tensioning strap system with its targeted application of force.
- The use of an additional abdominal panel increases the abdominal pressure on the lumbar spine and thus enhances the bridging and delordosing effect of the flexion orthosis (bending forward of the body, backward tilt of the pelvis).

Multifunctionality

The Orthosis features a modular design. The removal / addition of functional elements allows for treatment in phases – from initial stabilization to increasing mobilization.

Size	1	2	3	4	5	6	7	Order no. short	Order no. long
	Abdominal circumference in cm	70–80	80–90	90–100	100–110	110–120	120–130		
°= size									
Versions: long >170cm height, short <170cm height									

Spinova® Immo Plus Classic

ORTHOSIS FOR IMMOBILIZING THE LUMBAR SPINE WITH MOBILIZATION FUNCTION FOR MODERATE STABILIZATION



Shell system (available in short and standard)



Optional abdominal panel for increased compression of the abdomen

Indications

- Stable vertebral fractures (lumbar spine) with vertebral body damage, relieving the front and / or rear edges of vertebrae
- Most severe lumbosciatica with muscular deficiencies in cases of intervertebral disk protrusions / prolapse
- Lumbar spinal canal stenosis, also with paresis (conservative, post-operative)
- Tumors (metastases)
- Severe degeneration / muscular insufficiency of the spine
- Spondylolysis / spondylolisthesis, Grades II–III
- Facet syndrome / spondylitis
- Most severe lumbar (pseudo)radicular syndrome
- Foraminal stenosis
- C. f. prolapse (conservative / post-operative)
- C. f. discectomy
- C. f. spondylodesis / kyphoplasty (one or more levels)
- Osteochondrosis

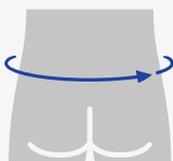
Features

- 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.

Size	1	2	3	4	5	6	Order no. short	Order no. standard
	Abdominal circumference in cm	70–80	80–90	90–105	105–115	115–125	125–140	122 8564 1001 00°
°= size								
Versions: standard > 170 cm height, short < 170 cm height								



Spinova® Immo Plus

ORTHOSIS FOR IMMOBILIZING THE LUMBAR SPINE WITH MOBILIZATION FUNCTION



Shell system (available in short and standard)



Optional abdominal panel for increased compression of the abdomen



Indications

- Stable vertebral fractures (lumbar spine) with significant vertebral body damage, relieving the front and / or rear edges of vertebrae
- Tumors (metastases)
- C.f. spondylodesis / kyphoplasty (one or more levels)
- Most severe lumbar (pseudo)radicular syndrome
- Most severe lumbar sciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / prolapse
- Lumbar spinal canal stenosis with paresis (conservative, post-operative)
- Foraminal stenosis
- Osteochondrosis
- Severe degeneration / muscular insufficiency of the spine
- Severe lumbar deformity with hypermobility in the case of facet syndrome / osteoarthritis
- C.f. prolapse (conservative / post-operative)
- C.f. discectomy
- Spondylolysis / spondylolisthesis, Grades I–III

Features

- Strap closure on the tensioning strap system makes it easy to adjust the individual circumference and the therapeutic application of force that is required.
- Application of the force that is suitable for the indication directly at the spine, thanks to height-adjustable tensioning straps.
- The anatomically contoured plastic half-shells supplied with the product can be easily adapted to suit the individual shape of the pelvis.
- Integral aluminum stays allow the Spinova back setting device to be shaped to suit the patient and the indication.
- The elastic Spinova mesh material guarantees both a perfect fit and outstanding wearing comfort.
- The 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.

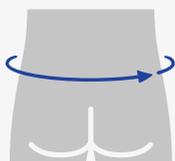
- The Spinova abdominal fastening with flexible edges ensures a high level of comfort, even when sitting down.
- Convenient for the patient to put on with minimal effort required, thanks to the Spinova tensioning strap system (integral pulley system).
- Soft and breathable shell cover for great wearing comfort.

Mode of action

- The combination of the Spinova tensioning strap system and the plastic shell system stabilizes and relieves pressure on the spine. Movements which are damaging to the spine are restricted.

Multifunctionality

The orthosis features a modular design. The removal / addition of functional elements allows for treatment in phases – from initial stabilization to increasing mobilization.



Size	1	2	3	4	5	6	7	Order no. short	Order no. standard
Abdominal circumference in cm	70–80	80–90	90–100	100–110	110–120	120–130	130–140	122 8541 1001 00°	122 8541 1000 00°

°= size

Versions: standard > 170 cm height, short < 170 cm height

Spinova® Immo

ORTHOSIS FOR IMMOBILIZING THE LUMBAR SPINE



Shell system

Indications

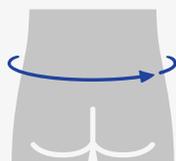
- Immobilization of the lumbar spine area (pre-operative, post-operative, post-traumatic, inflammatory diseases)
- Conservative treatment of simple and stable fractures

Features

- Strap closure on the tensioning strap system makes it easy to adjust the individual circumference and the therapeutic application of force that is required.
- Application of the force that is suitable for the indication directly at the spine, thanks to height-adjustable tensioning straps.
- The anatomically contoured plastic half-shells supplied with the product can be adapted to suit the individual shape of the pelvis.
- Integral aluminum stays allow the Spinova back setting device to be shaped to suit the patient and the indication.
- The 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.
- Convenient for the patient to put on with minimal effort required, thanks to the Spinova tensioning strap system (integral pulley system).

Mode of action

- The combination of the Spinova tensioning strap system and the plastic shell system stabilizes and relieves pressure on the spine. Movements which are damaging to the spine are restricted.



Size

Abdominal circumference in cm

°= size

1

2

3

4

5

6

7

Order no.

70–80

80–90

90–100

100–110

110–120

120–130

130–140

122 8540 1000 00°

SecuTec® Dorso

ORTHOSIS FOR STABILIZING THE LUMBAR SPINE



Integrated grid system



Anatomically shaped corset stays

Indications

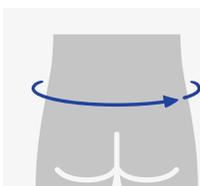
- Spondylolisthesis (with relapsing lumbosciatica), Grades I–III
- C.f. prolapse (e.g. post-operative)
- C.f. discectomy
- Osteoporosis
- Severe degeneration / muscular insufficiency of the spine

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 orthosis 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 to 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.



Size	1	2	3	4	5	6	Order no.
Abdominal circumference in cm	75–85	85–95	95–105	105–115	115–125	125–135	121 8474 0080 00°

°= size

SecuTec® Lumbo

ORTHOSIS FOR REDUCING LORDOSIS OF THE LUMBAR SPINE



Abdominal panel

Slim fastening



Removable bridging frame

Indications

- Most severe lumbar sciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / prolapse
- Most severe (pseudo) radicular lumbar syndrome
- Spondylolysis / spondylolisthesis, Grades I–III
- Moderate to severe lumbar deformity in cases of facet syndrome / osteoarthritis
- Lumbar spinal canal stenoses
- Moderate to severe degeneration / muscular insufficiency of the spine
- Vertebral fractures (lumbar spine) with vertebral body damage
- C.f. prolapse (e.g. post-operative)
- C.f. discectomy

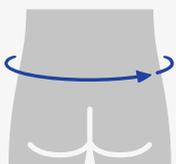
Features

- The use of an additional abdominal panel increases abdominal pressure on the lumbar spine and thus enhances the bridging and lordosis-reducing effect of the flexion orthosis.
- The anatomically contoured knitted fabric, combined with the LPT tensioning straps (low power tension), ensures perfect adaptation to the patient's shape.
- The light, compact CFRP bridging frame (carbon fiber reinforced plastic) can be adapted individually to the patient's shape.
- Practical finger pockets mean that the orthosis can be put on easily without the need for considerable effort; provides a high level of wearing comfort.

Mode of action

- The design of the new SecuTec Lumbo allows lumbar lordosis to be reduced in a targeted manner, while restricting rotational movements.
- The LPT tensioning strap system permits a high-pressure distribution against the body, enabling the bridging frame to produce the ideal effect without much effort by the patient.
- The adjustable abdominal fastening, combined with the LPT tensioning strap system, permits individual adjustment of the compression exerted on the abdominal cavity.

Size	1	2	3	4	5	6	Order no. short	Order no. long
	Abdominal circumference in cm	70–80	80–90	90–100	100–110	110–120		
° = size								
Versions: long > 170 cm height, short < 170 cm height								

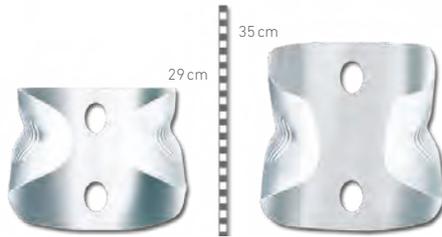


SofTec® Lumbo by Prof. Harms

ORTHOSIS FOR THE ADJUSTABLE STABILIZATION OF THE LUMBAR SPINE



LPT strap system that requires minimal effort



Long and short versions of the half-shell available for the stabilization phase



Indications

- Spondylolysis / spondylolisthesis, Grades II–III
- Degenerative facet syndrome
- C.f. prolapse (e.g. post-operative)
- C.f. discectomy
- C.f. spondylodesis / kyphoplasty (one or more levels)
- Lumbar spinal canal stenoses
- Vertebral fractures (lumbar spine) with vertebral body damage
- Tumors (metastases)
- Severe degeneration / muscular insufficiency of the spine

Features

- The orthosis can be adapted directly at the hospital bed, even if the patient is lying down.
- Easy fitting for the patient without considerable effort, thanks to LPT tensioning straps (low power tension); a high level of wearing comfort.
- The modules used during treatment are still available after elements of the orthosis have been removed, thus allowing reassembly of the system with CFRP rods (carbon fiber reinforced plastic rods) or the half-shell according to the indication.

Mode of action

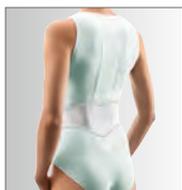
- Based on a specific combination of the orthosis modules, different stabilization levels can be created to allow treatment in phases.

Size	1	2	3	4	Order no. short (size 1–3)	Order no. long (size 1–4)
	Hip circumference in cm	75–90	90–105	105–120	120–135	122 8480 0081 00°

°= size
Versions: long > 170 cm height, short < 170 cm height

DorsoTrain®

ORTHOTIC BODYSUIT TO ACTIVELY STRAIGHTEN THE SPINE



Non-elastic functional zones



Anatomically contoured reclinator made from fiberglass-reinforced plastic

Indications

- Mild degeneration / muscular insufficiency of the spine
- Osteopenia, 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.

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	1	2	3	4	Order no. short	Order no. long
Standard sizes	S	M	L	XL	110 8455 008100°	110 8455 008200°
°= size						
Long > 170 cm height						
Short < 170 cm height						

Spinova® Osteo

ORTHOSIS FOR ACTIVELY STRAIGHTENING AND STABILIZING THE SPINE



Abdomen and chest area left free



Reclinator can be shaped without tools

Indications

Active straightening to relieve and correct the lumbar and thoracic spine as well as restriction of movement in the sagittal plane, e.g. in the case of

- Stable, osteoporotic vertebral fractures
- Osteopenia, osteoporosis
- Painful hunched back
- Muscular insufficiency

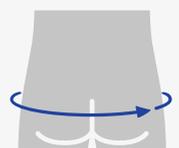
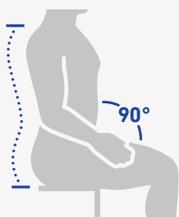
Features

- Strap guide system and pelvic support leave the abdomen and chest area free.
- The low-position pelvic support fits securely and creates a long lever on the reclinator.
- The aluminum reclinator can be shaped without tools.

- The orthosis is available in five standard sizes. A total of 18 sizes are possible through a combination of the partially assembled reclinator and pelvic support.
- The length of the straps and shoulder padding is individually adjustable.
- The height of strap fastening can be adjusted in the lumbar area.
- Easy to put on with minimal effort due to the tabs on the straps and pelvic support.
- The straightening support can be fixed as necessary by patients using the tensioning strap system.
- Comfortable to wear due to the support's breathable Spinova mesh material, air vents in the reclinator, padded shoulder straps, and lightweight design of the whole system.

Mode of action

- The reclinator is held to the body in a form-fitting manner using the double crossed strap system. Its long lever passively straightens and stabilizes the thoracic spine. The firm pressure reminds patients to correct their posture independently and has an active straightening effect. That stimulates and strengthens the upper back muscles, thus preventing kyphosis.
- The spine is effectively relieved and stabilized by the correction. This reduces pain, minimizes the risk of falls when walking and from strenuous physical exertion, and contributes to a feeling of security.



Spinova® Osteo

Size	S2	S3	M3	M4	L4	Order no.
Back length in cm	50–58	50–58	59–67	59–67	68–76	
Pelvic circumference in cm	80–90	90–100	90–100	100–110	100–110	122 8568 0000 00°
°°-Number	12	13	23	24	34	

Spinova® Osteo with partially assembled reclinator

Size	S	M	L	Order no.
Back length in cm	50–58	59–67	68–76	122 8570 0000 00°

° S=1, M=2, L=3

Note: Choose the smaller reclinator if you are between sizes.

Spinova® Osteo with partially assembled pelvic support

Size	1	2	3	4	5	6	Order no.
Pelvic circumference in cm	70–80	80–90	90–100	100–110	110–120	120–130	122 8569 0000 00°

°° = size

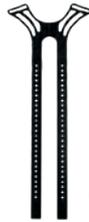
Note: Choose the larger pelvic support if you are between sizes.

SofTec® Dorso by Prof. Harms

ORTHOSIS FOR STRAIGHTENING THE SPINE AND INCREASED STABILIZATION



Straightening shoulder strap and tensioning straps



Cold formable reclinator

Indications

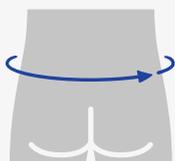
- Conservative treatment (up to TH8) of simple and stable fractures
- C.f. discectomy
- C.f. spondylodesis
- Osteoporosis
- Tumors (metastases) or inflammatory processes (spondylitis)

Features

- The one-piece reclinator with comfortable padding in the shoulder area straightens and reliably stabilizes the torso, and limits rotational movements with its height-adjustable stabilizing cross.
- The cold-formable aluminum of the reclinator and stabilizing cross can be quickly adapted to the patient. Thanks to elongated slots on the cross and pre-drilled holes on the reclinator the orthosis can be easily fitted irrespective of the curvature of the spine.
- When the orthosis is used after surgery, the paravertebral arrangement of the reclinator rods leaves the wound area along the spine free, avoiding indirect pressure on the sensitive area.
- Two shoulder straps straighten the upper body. Using the finger pockets, the tensile force of the straps can be easily adjusted without considerable effort.
- Two supports surround the torso. The inner support is elastic and offers high wearing comfort, the outer support consists of a special SofTec knit fabric that is tension stable in the transverse direction to ensure a high degree of stabilization. Individually adjustable tensioning straps allow for a variable compression of the abdominal area without excessive effort.

Mode of action

- The tension-stable knitted fabric, the reclinator with the shoulder straps and the stabilizing cross form a unit for straightening the spine and stabilizing the thoracolumbar junction (L2–TH8).
- The cold-formable reclinator straightens the spine and corrects posture. The patient can initiate and adjust the straightening force via the shoulder straps.
- The stabilizing cross increases stability by enhancing the straightening effect of the reclinator and counteracting rotational movements of the upper body.
- The straightening shoulder straps allow for continuous pressure distribution that can be adjusted according to patient needs.



Size

Hip circumference in cm

1

2

3

4

75–90 90–105 105–120 120–135

Order no.
short

Order no.
long

122 8490 0081 00° 122 8490 0082 00°

°= size

Versions: long > 170 cm height, short < 170 cm height

CerviLoc® CerviLoc® S

ORTHOSIS FOR THE STABILIZATION AND RELIEF OF THE CERVICAL SPINE



Indications

CerviLoc

- Pain in the cervical spine (cervical syndrome)
- Whiplash

CerviLoc S

- Severe pain in the cervical spine (severe cervical syndrome)
- Moderate whiplash
- Blockage

Features

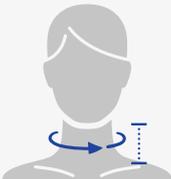
- CerviLoc / CerviLoc S provides targeted relief and stability for the cervical spine following injury (post-traumatic), where there are signs of wear (degenerative changes), or for those experiencing pain.
- CerviLoc / CerviLoc S is anatomically contoured, so it is very comfortable to wear. There are 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.



Size	1	2	3	4	5	6	Order no.	Order no. (S)
Height in cm	6.5	8.5	10	6.5	8.5	10	120 9590 0010 00°	120 9591 0010 00°
Neck circumference in cm	32-38	34-40	34-40	36-44	36-44	38-48		

°= size

ManuTrain®

ACTIVE SUPPORT FOR RELIEF AND STABILIZATION OF THE WRIST



Two support pads for relieving pressure on the nerves and vessels in the wrist

Indications

- Chronic, post-traumatic or post-operative irritation in the wrist area
- Dislocations (wrist injuries, e.g. sprains)
- Osteoarthritis (joint wear)
- Instability, e.g. radioulnar subluxation
- Tendovaginitis (tenosynovitis)
- Prevention / relapse prevention

Features

- ManuTrain is an active support to stabilize the wrist.
- Comfort zone between the thumb and index finger ensures gripping without irritation.
- Train knit design: Particularly stretchy, breathable and moisture dissipating for effective compression and excellent wearing comfort.
- Anatomically shaped knit for excellent wearing comfort and secure positioning.
- Formable 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.
- Different versions for right and left.
- Donning aid included.

Mode of action

- Even, circular compression of the knitted training material stabilizes and activates the wrist.
- Two anatomically contoured and aligned viscoelastic support pads relieve pressure on nerves and blood vessels.
- Shaped inner hand stay and Velcro strap provide greater relief to the wrist.



Size	1	2	3	4	5	6	Order no.
Wrist circumference in cm	14-15	15-16	16-17	17-18	18-19	19-20	110 5150 30*0+0°
 *1 = nature *7 = black *8 = titan +6 = right, +7 = left, °= size							

ManuLoc® | ManuLoc® long

ORTHOSIS FOR (INCREASED) STABILIZATION OF THE WRIST



ManuLoc long



Lateral stays and metacarpal bar



Universal version for wearing on the left or right wrist



Indications

ManuLoc

- Post-traumatic or post-operative irritation
- Pre-operative
- Carpal tunnel syndrome (mild)
- Tenosynovitis (moderate)
- Dislocations / contusions
- Osteoarthritis (moderate)

ManuLoc long

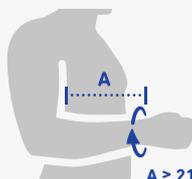
- Post-traumatic or post-operative irritation, e.g. following treatment with a plaster cast in the case of radius fractures
- Pre-operative care
- Carpal tunnel syndrome (moderate)
- Tenosynovitis (moderate with pain while resting and at night)
- Dislocations / contusions
- Osteoarthritis (moderate)

Features

- ManuLoc is a stabilizing orthosis for immobilization of the wrist.
- ManuLoc long also immobilizes parts of the forearm, thereby offering greater stability.
- Anatomically shaped metacarpal stay stabilizes the wrist in the desired position and can be individually adjusted.
- The construction of the orthosis enables functional gripping movements, thus maintaining mobility.
- The breathable materials and seamless finish ensure a high degree of wearing comfort.
- Large Velcro fastenings that are easy to open make the orthosis easier to put on and take off.
- The same version for right and left with a thumb opening on both sides.

Mode of action

- The integrated aluminum stays are anatomically contoured and secure the wrist.
- The orthosis prevents incorrect positioning of the distal and proximal parts of the wrist.
- Lateral stays limit radial and ulnar movement.

	ManuLoc					Order no.
	Size	0	1	2	3	
	Wrist circumference in cm*	12–15	14–18	17–21	20–26	120 5340 2080 00°
	°= size *For intermediate sizes, select according to the width of the hand.					
	ManuLoc long					Order no.
	Size	0	1	2	3	
	Wrist circumference in cm*	12–15	14–18	17–21	20–26	120 5340 2082 00°
	°= size *For intermediate sizes, select according to the width of the hand.					

ManuLoc® long Plus

ORTHOSIS FOR IMMOBILIZATION OF THE HAND WITH REMOVABLE FINGER SUPPORT



Indications

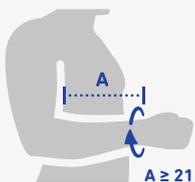
- Post-traumatic (multiple, complex injuries in the hand and fingers)
- Pre-operative and post-operative, e.g. Dupuytren's contracture, metacarpal fractures
- Carpal tunnel syndrome (severe – support at night)
- Tenosynovitis (severe)
- Dislocations / contusions
- Ligament injuries in the finger / hand area

Features

- ManuLoc long Plus immobilizes the forearm, wrist, and fingers (excluding the thumb).
- Anatomically contoured stays (volar, ulnar, and radial) stabilize the wrist and can be individually adjusted.
- The finger support is supplied in a neutral position and can be fixed in the intrinsic plus position quickly and without the need for tools.
- The removable finger support aids physiotherapy and mobilization during the healing process.
- The breathable materials and seamless finish ensure maximum wearing comfort.
- Large Velcro fastenings that are easy to open make the orthosis easy to put on and take off.
- The same version for right and left, with a large and soft thumb cut-out.

Mode of action

- The integrated aluminum stays are anatomically contoured and secure the wrist.
- Lateral stays limit radial and ulnar movement.
- The orthosis prevents incorrect positioning of the distal and proximal parts of the wrist.
- Supporting the fingers in the intrinsic plus position prevents damage due to immobilization.
- The wide finger strap relieves the ligaments and tendons while the fingers are held in position.



Size	0	1	2	3	Order no.
Wrist circumference in cm*	12–15	14–18	17–21	20–26	128 5341 0080 00°

°= size *For intermediate sizes, select according to the width of the hand.



RhizoLoc®

ORTHOSIS FOR THE STABILIZATION OF THE THUMB



Velcro tab for mobilization

Indications

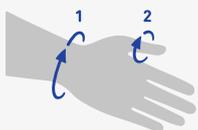
- Post-operative and post-traumatic irritation
- Collateral ligament injuries at the thumb, e.g. gamekeeper's thumb
- Arthrosis of first carpometacarpal joint (mild)
- Sprains
- Contusions

Features

- Outstanding fit ensured by formable aluminum strap.
- 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 thumb 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	1	2	Order no.
Wrist circumference in cm	12.5–16	16–20	120 5330 1080 +0°
Thumb circumference in cm	5–7	6.5–9	

+6 = right, +7 = left, ° = size



ManuLoc® Rhizo ManuLoc® Rhizo long

ORTHOSIS FOR INCREASED STABILIZATION
OF THE WRIST AND THUMB



ManuLoc Rhizo long



Thumb brace



Lateral stays
and metacarpal bar

Indications

ManuLoc Rhizo

- Acute, post-traumatic and post-operative irritation in the wrist and thumb ray
- Pre-operative care
- Tenosynovitis on the radial side (moderate)
- Arthrosis of first carpometacarpal joint (severe)
- Carpal tunnel syndrome (mild)
- Dislocations / contusions
- Ligament injuries in the finger / hand area

ManuLoc Rhizo long

- Post-traumatic or post-operative irritation, e.g. following treatment with a plaster cast in the case of scaphoid fractures
- Pre-operative care
- Tenosynovitis on the radial side (moderate)

- Arthrosis of first carpometacarpal joint (severe)
- Dislocations / contusions
- Carpal tunnel syndrome (moderate)
- Collateral ligament injuries at the thumb, e.g. gamekeeper's thumb

Features

- ManuLoc Rhizo is a stabilizing orthosis for immobilization of the wrist that includes a thumb brace in a neutral position.
- ManuLoc Rhizo long also immobilizes parts of the forearm, thereby offering greater stability.
- Anatomically shaped metacarpal stay stabilizes the wrist in the desired position and can be individually adjusted.
- High stability of the removable thumb brace with an adjustable length, thanks to a formable aluminum frame (no need to use tools).
- Adjustable movement restriction in the thumb basal joint using a Velcro thumb tab (dynamization).

- High degree of mobility – allows for functional gripping movements.
- The breathable materials and seamless finish ensure a high degree of wearing comfort.
- Large Velcro fastenings that are easy to open make the orthosis easier to put on and take off.

Mode of action

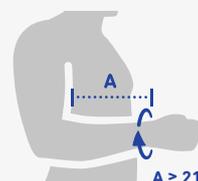
- The integrated aluminum stays secure the wrist.
- Stabilization of the thumb saddle and first metacarpophalangeal joints, thanks to the removable thumb brace.
- The orthosis prevents incorrect positioning of the distal and proximal parts of the wrist, as well as in the thumb basal joint and thumb carpometacarpal joint.
- The thumb brace can be removed over time, which results in increasingly dynamic movement of the metacarpophalangeal joint.



ManuLoc Rhizo

Size	0	1	2	3	Order no.
Wrist circumference in cm*	12–15	14–18	17–21	20–26	120 5345 0080 +0°

+6 = right, +7 = left, ° = size *For intermediate sizes, select according to the width of the hand.



ManuLoc Rhizo long

Size	0	1	2	3	Order no.
Wrist circumference in cm*	12–15	14–18	17–21	20–26	120 5345 0082 +0°

+6 = right, +7 = left, ° = size *For intermediate sizes, select according to the width of the hand.

A ≥ 21 cm



ManuLoc® Rhizo long Plus

ORTHOSIS FOR IMMOBILIZATION OF THE HAND WITH REMOVABLE FINGER SUPPORT AND THUMB BRACE

Indications

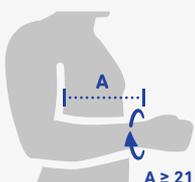
- Post-traumatic (multiple, complex injuries in the hand and fingers)
- Pre-operative and post-operative, e.g. Dupuytren's contracture, metacarpal fractures
- Complex ligament injuries in the finger / hand area due to trauma
- Paralysis
- Tenosynovitis (severe)
- Dislocations / contusions

Features

- ManuLoc Rhizo long Plus immobilizes the forearm, wrist, and fingers.
- Anatomically contoured stays (volar, ulnar, and radial) stabilize the wrist and can be individually adjusted.
- The finger support is supplied in a neutral position and can be fixed in the intrinsic plus position quickly in the operating theater without the need for tools.
- The removable finger support and thumb brace support physiotherapy and mobilization during the healing process.
- The orthosis can be shaped quickly without tools thanks to the aluminum components.
- The breathable materials and seamless finish ensure maximum wearing comfort.
- Adjustable movement restriction in the thumb basal joint using a Velcro thumb tab (dynamization).

Mode of action

- The integrated aluminum stays are anatomically contoured and secure the wrist.
- Lateral stays limit radial and ulnar movement.
- 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.
- Supporting the fingers in the intrinsic plus position prevents damage due to immobilization.
- The wide finger strap relieves the ligaments and tendons while the fingers are held in position.



Size	0	1	2	3	Order no.
Wrist circumference in cm*	12-15	14-18	17-21	20-26	12853470080 +0°

+6 = right, +7 = left, ° = size *For intermediate sizes, select according to the width of the hand.

EpiPoint®

ORTHOSIS FOR TARGETED RELIEF OF THE TENDON INSERTIONS AT THE ELBOW



Red warning section indicates excessive pressure



A five-point pad stimulates trigger points

Indications

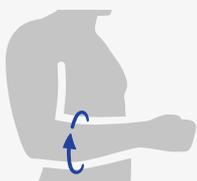
- Lateral epicondylitis of the humerus (inflammation of the muscle origin, tennis elbow)
- Medial epicondylitis of the humerus (inflammation of the muscle origin, golfer's and thrower's elbow)
- Prevention / relapse prevention

Features

- EpiPoint is a stabilizing orthosis providing targeted and graduated compression to the lower arm.
- It is indicated for muscle and tendon attachment site irritation in the elbow region.
- An elastic adjustable band allows dynamic pressure adjustment.
- The red warning section indicates excessive pressure.
- The same version for right and left.

Mode of action

- The viscoelastic pad exerts highly targeted compression.



Size	Universal	Order no.
Forearm circumference in cm	22.5–33	120 6350 10*0 000
 *7 = black	 *8 = titan	

EpiTrain®

ACTIVE SUPPORT FOR RELIEF AND STABILIZATION OF THE ELBOW JOINT



Pads with epicondyle cut-outs

Indications

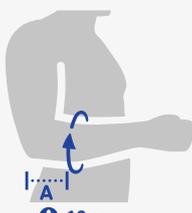
- Epicondylitis lateralis / medialis humeri
- Post-traumatic or post-operative irritation
- Osteoarthritis / arthritis (joint wear / joint inflammation)
- Tendomyopathy (disease of the muscular tendon)
- Prevention / relapse prevention

Features

- Train knit design: particularly stretchy, breathable, and moisture-wicking for effective compression in the elbow area.
- Anatomically shaped knit: for excellent wearing comfort and secure positioning.
- Viscoelastic pads with epicondyle cut-outs relieve pressure and facilitate secure positioning of the support.
- Individually adjustable, non-elastic strap that runs directly over the pads for increased pressure relief.
- Reduced compression at the edges of the support reduces the risk of circulation problems.
- The same version for right and left.

Mode of action

- Regulated compression alleviates pain and helps relieve tension.
- The pads redistribute compression away from the epicondyles to the surrounding soft tissues.
- The pads provide intermittent compression for improved metabolism in the radial and ulnar areas.
- Removable strap ensures comfortable, relieving pressure on the muscle attachment site as required and boosts the pain-reducing effect.

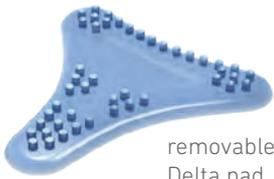


Size	0	1	2	3	4	5	6	Order no.
Circumference in cm	17–19	19–21	21–23	23–25	25–27	27–29	29–31	110 6160 30*000°
	 *1 = nature	 *7 = black	 *8 = titan	° = size				

Custom-made solution: Please find the exact measuring points on our detailed measuring block. Custom-made solutions in nature and titan.

OmoTrain®

ACTIVE SUPPORT FOR
STABILIZATION AND GUIDANCE
OF THE SHOULDER JOINT



removable
Delta pad

Indications

- Chronic, post-traumatic or post-operative irritation in the shoulder area
- Prevention / relapse prevention
- Osteoarthritis of the shoulder

Features

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

Mode of action

- The compressive knit and the pulling force of the strap system help to 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.

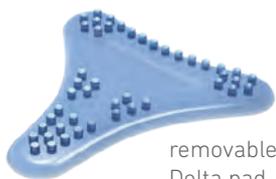


Size	0	1	2	3	4	5	6	Order no.
Circumference in cm	20-22	22-24	24-26	26-29	29-32	32-36	36-40	1107170208000°

°= size

OmoTrain® S

ACTIVE SUPPORT FOR
RELIEF AND STABILIZATION
OF THE SHOULDER JOINT



removable
Delta pad

Indications

- Chronic, post-traumatic or post-operative irritation in the shoulder area
- Prevention / relapse prevention
- Osteoarthritis of the shoulder

Features

- OmoTrain S is an active support for treatment of the shoulder.
- The Train active knit adapts perfectly to the wearer's body shape, guaranteeing excellent wearing comfort.
- The viscoelastic Delta pad with frictional nubs can, as an option, be attached using a Velcro fastening and positioned as required.
- The direct strap guidance 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	0	1	2	3	4	5	6	Order no.
Circumference in cm	20-22	22-24	24-26	26-29	29-32	32-36	36-40	110 7171 0080 +0°

+6 = right, +7 = left, ° = size

OmoLoc®

ORTHOSIS FOR IMMOBILIZATION OF THE SHOULDER



High level of wearing comfort, thanks to soft padded tabs

Indications

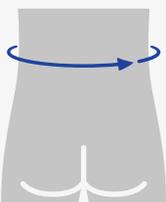
- Immobilization of the shoulder joint, e.g. after shoulder surgery
- Post-traumatic, pre-operative
- Shoulder dislocation

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 rests on the pelvic strap, so there is no need for a shoulder strap.
- 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 a 0°-degree abduction position, e.g. to maintain the surgical outcome.
- The forearm is fixed at the required 90–100° angle.
- Immobilization reduces pain.



Size	1	2	Order no.
Abdominal circumference in cm	up to 100	100 – 130	120 7360 1120 +0°
+6 = right, +7 = left, °= size			

SecuTec® Omo

ORTHOSIS THAT CAN BE ADJUSTED IN TWO PLANES TO IMMOBILIZE THE SHOULDER



Indications

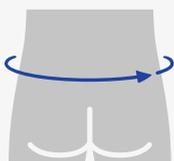
- Rotator cuff rupture (complex)
- Subcapital humerus fracture
- SLAP lesion
- Shoulder replacement surgery
- Shoulder dislocation
- Post-traumatic, post-operative irritation
- Pre-operative care
- Acromioclavicular joint injury (AC rupture)

Features

- SecuTec Omo is a shoulder orthosis for immobilization in a functional position.
- The abduction angle can be individually adjusted by up to 60°; the various surgery options are taken into consideration and the user can set the abduction angle as required.
- Inward and outward rotation can be performed in the desired abduction angle with the push of a button, making it possible to achieve a comfortable lying position quickly, for example.
- The angle of inclination of the arm support can be adjusted to any abduction angle.
- The arm support is supported by the pelvic frame. No shoulder strap is required.
- The patient can easily ensure a good fit by simply shortening the abdominal strap; only one size is required.
- Tensioning straps can be used to adjust the pressure around the pelvis to suit the individual once the orthosis is in place.
- Relaxed wrist thanks to individually adjustable hand support.
- Different versions for right or left.

Mode of action

- Immobilization of the shoulder joint to relieve the ligaments and tendons, with freely adjustable abduction.
- Immobilization / limited freedom of movement throughout the treatment phase reduces pain.
- Rotationally stable maintenance of the post-operative position; potential for mobilization by pressing a button to release the inward and outward rotation.



Size	Universal	Order no.
Abdominal circumference in cm	70–140	121 7505 0120 +01
+6 = right, +7 = left		

INDICATION GUIDE FOR BACK THERAPY

PRODUCTS	LumboTrain® / Lady	SacroLoc®	LordoLoc®	LumboLoc®	LumboLoc® Forte	Spinova® Stabi Classic	Spinova® Support Plus Classic	Spinova® Support Plus	Spinova® Unload Classic
DESCRIPTION	For relief and stabilization of the lumbar spine	For stabilization of the pelvis and relief of the sacroiliac joints	For gentle stabilization and relief of the lumbar spine	For stabilization and relief of the lumbar spine	For greater stabilization and relief of the lumbar spine	For moderately stabilizing the lumbar spine	For moderately supporting the lumbar lordosis	For stabilizing and supporting lumbar lordosis	For moderately reducing lordosis of the lumbar spine
PAGE	33	34	35	36	37	38	39	40	41
FUNCTIONAL ELEMENTS									
INDICATIONS									
	DEGREE OF SEVERITY								
Low back pain (acute and chronic)	●		●	●	●				
(Pseudo) radicular lumbar syndrome / lumbar sciatica with muscular deficiencies in cases of intervertebral disk protrusions	Moderate					●	●	●	●
	Severe								
Degeneration / muscular insufficiency of the spine	Mild	●							
	Moderate		●	●	●		●		
	Severe							●	
C.f. prolapse (conservative)	●					●	●	●	
C.f. discectomy, prolapse (post-operative)	●				●	●	●	●	●
Facet syndrome / osteoarthritis	Moderate			●			●	●	●
	Severe								
Lumbar deformity					●			●	
Ligamento-tendomyopathies					●				
Spondylolysis / spondylolisthesis	Grade I				●	●			●
	Grade II						●	●	●
	Grade III								
Spondylodesis / kyphoplasty (post-operative)							●	●	
Spinal canal stenosis							●	●	●
Foraminal stenosis									
Osteoporosis							●	●	
SI joint syndrome, osteoarthritis, instability, blockage		●							
Pelvic girdle instability, e.g. symphysis rupture and loosening		●							
Myalgia, tendinopathy in the pelvic region		●							
Structural disturbance following spondylodeses (L5 / S1)		●							
Conservative treatment following pelvic fractures		●							
Vertebral fractures	Anterior edge relief						●	●	
	Posterior edge relief								●
Osteochondrosis									
Tumors (metastases)									
Vertebral fractures (lumbar spine)									
Painful hunched back									
Pain in the cervical spine	Moderate								
	Severe								
Whiplash / blockage									

INDICATION GUIDE FOR FOOT THERAPY

PRODUCTS	MalleoTrain®	MalleoTrain® S / S open heel	MalleoTrain® Plus	AirLoc®	MalleoLoc® L
DESCRIPTION	For relief and stabilization of the ankle joint	For relief and stabilization of the ankle joint	For increased ankle stability and security	For stabilization of the upper ankle	For lateral stabilization of the ankle

PAGE	8	9 / 10	11	12	13
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INDICATIONS	DEGREE OF SEVERITY	MalleoTrain®	MalleoTrain® S / S open heel	MalleoTrain® Plus	AirLoc®	MalleoLoc® L
Ligament insufficiency / instability	Mild	●	●	●		
	Moderate				●	●
	Severe					
Irritation (post-traumatic, post-operative)		●		●		
Injuries to the capsular ligament (acute)					●	●
Early functional treatment		●		●	●	●
Conservative / post-operative treatment		●		●	●	●
Rehabilitation / protection		●	●	●	●	●
Sinus tarsi syndrome / instability of the subtalar joint						
Relapse prevention		●	●	●	●	●
Osteoarthritis / arthritis		●				
Tendomyopathy		●				
Achillodynia						
Haglund's deformity						
Hallux valgus (conservative / post-operative)						

INCREASING STABILIZATION

MalleoLoc® L3	MalleoLoc®	CaligaLoc®	ValguLoc®	ValguLoc® II	AchilloTrain®	AchilloTrain® Pro
For lateral stabilization of the ankle (adjustable)	For stabilization of the ankle	For stabilization of the upper and lower ankle	For correction of the big toe at rest	For correction of the big toe at rest and during movement	For relieving the Achilles tendon	For the treatment of Achilles tendon problems
14	15	16	17	18	6	7
						
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INDICATION GUIDE FOR KNEE THERAPY

PRODUCTS	GenuPoint®	GenuTrain®	GenuTrain® A3	GenuTrain® P3	GenuTrain® S	GenuTrain® S Pro
DESCRIPTION	For targeted relief of the patellar tendon	For relief and stabilization of the knee joint	For the treatment of complex knee complaints	For kneecap relief	For increased stabilization of the knee joint	For increased stabilization of the knee joint, limiting mobility

PAGE	19	20	21	22	23	24
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INDICATIONS	DEGREE OF SEVERITY	GenuPoint®	GenuTrain®	GenuTrain® A3	GenuTrain® P3	GenuTrain® S	GenuTrain® S Pro
Irritation (post-traumatic, post-operative)		●	●	●	●		
Recurring joint effusion			●	●			
Patellar lateralization				●	●		
Patellofemoral pain syndrome		●			●		
Instability	Mild to moderate		●	●	●	●	●
	Severe to complex						
	Functional, e.g. non-copper						
Meniscus injury		●				●	
Collateral ligament injury							
Ruptured anterior / posterior cruciate ligament (ACL / PCL)							
Gonarthrosis / osteoarthritis	Mild to moderate		●	●		●	●
	Moderate to severe						
C.f. cartilage transplantation							
Fracture of the patella (conservative or post-operative)							
Genu recurvatum (with cross-strap)							
Osteotomy							
Knee immobilization							
Muscle injury							
Prevention / relapse prevention			●		●	●	●
Osteoarthritis of the hip							
Hip joint dislocation							
Endoprosthesis surgery / prosthesis replacements / plastic surgery							

SofTec® Genu	SecuTec® Genu	SofTec® OA	SecuTec® OA	MOS-Genu	GenuLoc®	MyoTrain®	SofTec® Coxa
For passive and active stabilization of the knee joint	For stabilizing the knee joint	For relief in cases of medial gonarthrosis	For relief and stabilization of the knee joint	For correction and stabilization of the knee joint	For immobilization of the knee joint	For the treatment of muscle injuries to the thigh	For stabilization and guidance of the hip joint
26	27	28	29	30	31	25	32
							
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INDICATION GUIDE FOR ARM THERAPY

		ACTIVATES MUSCLES					
PRODUCTS		ManuTrain®	EpiTrain®	OmoTrain®	OmoTrain® S	ManuLoc®	ManuLoc® long
DESCRIPTION		For relief and stabilization of the wrist	For relief and stabilization of the elbow joint	For stabilization and guidance of the shoulder joint	For relief and stabilization of the shoulder joint	For stabilizing the wrist	For increased stabilization of the wrist
PAGE		53	60	61	62	54	54
							
INDICATIONS	DEGREE OF SEVERITY						
Irritation (post-traumatic, post-operative)		●	●	●	●	●	●
Pre-operative						●	●
Prevention / relapse prevention		●	●	●	●		
Sprains		●				●	●
Contusions						●	●
Instability, e.g. radioulnar subluxation		●					
	Mild	●	●	●	●		
Osteoarthritis / arthritis	Moderate					●	●
	Severe						
Collateral ligament injuries at the thumb, e.g. gamekeeper's thumb							
Ligament injuries in the finger / hand area							
Paralysis							
Tendovaginitis (tenosynovitis)	Mild	●					
	Moderate					●	●
	Severe						
Carpal tunnel syndrome	Mild					●	
	Moderate						●
	Severe						
Tendomyopathy			●				
Epicondylitis lateralis / medialis humeri			●				
Rotator cuff rupture (complex)							
Subcapital humerus fracture							
SLAP lesion							
Shoulder replacement surgery							
Shoulder dislocation							
Acromioclavicular joint injury (AC rupture)							

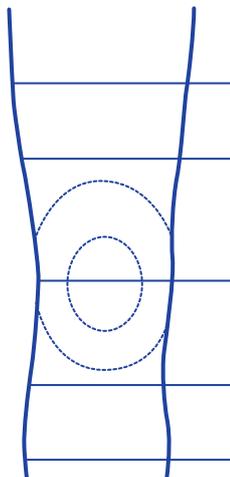
ORDER FOR CUSTOM-MADE PRODUCTS

GenuTrain®

BAUERFEIND.COM

Patient name _____

Quotation only

	Circumference	Length
	f'	e - f'
	f	e - f
	e	
	d	e - d
	c	e - c

Knee

Right Left

Color

Titan Nature

Extras

Silicone top band * (+5 cm to the length)

Tightening strap*

Velcro fastening*

Top** Bottom

Patient details

Male Female

Obese Muscular

Age _____ Height _____

* Subject to additional charge

** Not possible in combination with silicone top band; not circular

The purchaser is responsible for ensuring that all size information is correct. Custom-made solutions cannot be returned.

All measurements must be entered to ensure the right treatment is provided.

f' Thigh: Measure the circumference at least 14 cm above the middle of the knee (e). If the circumference at point f' is more than 47 cm, then the circumference must be measured at a higher point, where the distance between e and f' is at least 17 cm.

f Base of thigh

e Middle of knee

d Thinnest point below the knee

c Calf circumference: Measure the circumference at least 12 cm below the middle of the knee (e).

Notes:

- Take measurements with a slight flexion (30°).
- The length is measured on the outside of the leg. The distance between e and f' should not be shorter than the distance between e and c.

Stamp _____

Customer No. _____

Signature _____

Date _____



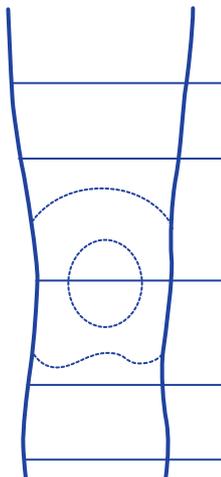
ORDER FOR CUSTOM-MADE PRODUCTS

GenuTrain® P3

BAUERFEIND.COM

Patient name _____

Quotation only

	Circumference	Length
	f ¹	e - f ¹
	f	e - f
	e	
	d	e - d
	c	e - c

Knee

Right Left

Extras

Silicone top band * (+5 cm to the length)

Position of the corrective strap

Standard Alternative option

Patient details

Male Female

Obese Muscular

Age _____ Height _____

* subject to additional charge

The purchaser is responsible for ensuring that all size information is correct. Custom-made solutions cannot be returned.

All measurements must be entered to ensure the right treatment is provided.

f¹ Thigh: Measure the circumference at least 17 cm above the middle of the knee (e). The length e - f¹ must not be shorter than the e to f¹ increase in circumference measurement.

f Base of thigh

e Middle of knee

d Thinnest point below the knee

c Calf circumference: Measure the circumference at least 15 cm below the middle of the knee (e).

Notes:

- Custom-made solutions are only available in the color nature.
- Please always specify the position of the corrective guide:
 - Standard (as with standard size range): Corrective strap is located at the lateral (outer) patellar margin.
 - Alternative option: Corrective strap is located at the medial (inner) patellar margin.



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Date _____

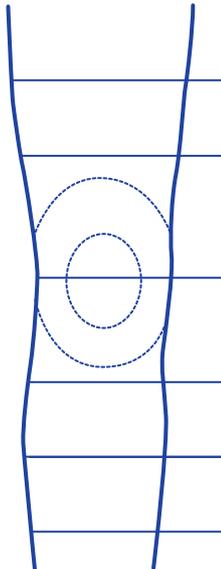


ORDER FOR CUSTOM-MADE PRODUCTS

GenuTrain® S

BAUERFEIND.COM

Patient name _____

	Circumference	Length
	f¹	short: e - f ¹ = 18 cm long: e - f ¹ = 21 cm
	f	e - f
	e	
	d	e - d
	c	e - c
	b¹	e - b¹ = 18 cm

Quotation only

Knee

Left Right

Short / short
(Support length, thigh [e - f¹] = 18 cm)

Long / long
(Support length, thigh [e - f¹] = 21 cm)

Extras

Silicone top band * (+5 cm to the length)

Patient details

Male Female

Obese Muscular

Age _____ Height _____

* Subject to an additional charge – please consider the additional length when measuring patients

The purchaser is responsible for ensuring that all size information is correct. Custom-made solutions cannot be returned.

All measurements must be entered to ensure the right treatment is provided.

f¹ Thigh
 Short / short version Measure the circumference at 18 cm above the middle of the knee (e).
 Long / long version: Measure the circumference at 21 cm above the middle of the knee (e).

f Base of thigh

e Middle of knee

d Thinnest point below the knee

c Calf circumference: Measure the circumference at least 12 cm below the middle of the knee (e).

b¹ Calf circumference 18 cm below the knee

Notes:

- Custom-made solutions are only available in the color titan.
- Take measurements with a slight flexion (30°).
- The length is measured on the outside of the leg.
- Selection of the short / long version depends on the individual measurements of the patient. The long version is recommended for patients from a height of 1.80 m.
- The following minimum circumference measurements are required for the treatment of patients:
 f (14 cm above the knee): at least 38 cm
 e (middle of knee): at least 32.5 cm
 c (12 cm below the knee): at least 28 cm

Stamp _____

Customer No. _____

Signature _____

Date _____

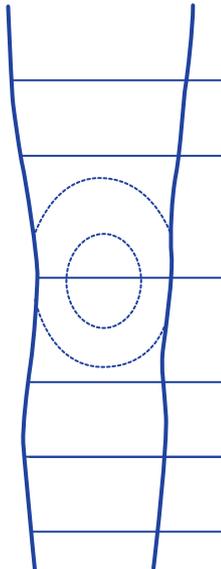


ORDER FOR CUSTOM-MADE PRODUCTS

GenuTrain® S Pro

BAUERFEIND.COM

Patient name _____

	Circumference	Length
	f¹	short: e - f ¹ = 18 cm long: e - f ¹ = 21 cm
	f	e - f
	e	
	d	e - d
	c	e - c
	b¹	e - b¹ = 18 cm

Quotation only

Knee

Left Right

Short / short
(Support length, thigh [e - f¹] = 18 cm)

Long / long
(Support length, thigh [e - f¹] = 21 cm)

Extras

Silicone top band * (+5 cm to the length)

Patient details

Male Female

Obese Muscular

Age _____ Height _____

* Subject to an additional charge – please consider the additional length when measuring patients

The purchaser is responsible for ensuring that all size information is correct. Custom-made solutions cannot be returned.

All measurements must be entered to ensure the right treatment is provided.

f¹ Thigh
 Short / short version Measure the circumference at 18 cm above the middle of the knee (e).
 Long / long version: Measure the circumference at 21 cm above the middle of the knee (e).

f Base of thigh

e Middle of knee

d Thinnest point below the knee

c Calf circumference: Measure the circumference at least 12 cm below the middle of the knee (e).

b¹ Calf circumference 18 cm below the knee

Notes:

- Custom-made solutions are only available in the color titan.
- Take measurements with a slight flexion (30°).
- The length is measured on the outside of the leg.
- Selection of the short / long version depends on the individual measurements of the patient. The long version is recommended for patients from a height of 1.80 m.
- The following minimum circumference measurements are required for the treatment of patients:
 f (14 cm above the knee): at least 38 cm
 e (middle of knee): at least 32.5 cm
 c (12 cm below the knee): at least 28 cm

Stamp _____

Customer No. _____

Signature _____

Date _____



ORDER FOR CUSTOM-MADE PRODUCTS

MalleoTrain®

BAUERFEIND.COM

Patient name _____

Quotation only

Foot

Right Left

Color

Titan Nature

Extras

Velcro fastening*

Measuring points for pads**

① _____

② _____

Patient details

Male Female

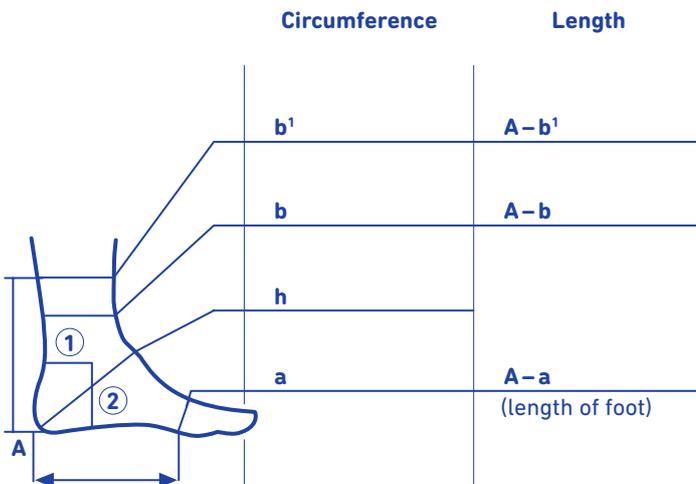
Obese Muscular

Age _____ Height _____

* Subject to additional charge

** Special position of the pads (position of ankle bones very different to the norm)

The purchaser is responsible for ensuring that all size information is correct. Custom-made solutions cannot be returned.



All measurements must be entered to ensure the right treatment is provided.

- b¹ Base of calf: Measure the circumference at least 16 cm above the heel (A).
- b Smallest circumference above the ankle bone
- h Instep (circular measurement of the instep over the heel)
- a Circumference behind the metatarsophalangeal joint of the little toe
- A Heel
- A-a Foot length without toe

Notes:

- Only specify the pad measurement points if special positioning is required.
- Distance ① from the inner ankle bone to the outer ankle bone (measured horizontally across the Achilles tendon)
- Distance ② from the inner ankle bone to the outer ankle bone (measured over the sole of the foot)

Stamp

Customer No. _____

Signature _____

Date _____



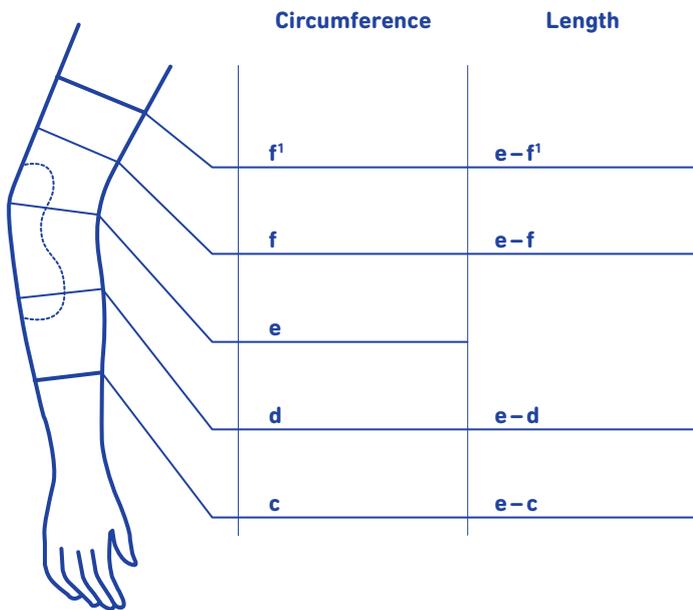
ORDER FOR CUSTOM-MADE PRODUCTS

EpiTrain®

BAUERFEIND.COM

Patient name _____

Quotation only



Arm

Right Left

Color

Titan Nature

Extras

Silicone top band * (+3 cm to the length)

Velcro fastening*

Top** Bottom

Patient details

Male Female

Obese Muscular

Age _____ Height _____

* Subject to additional charge

** Not possible in combination with silicone top band; not circular

The purchaser is responsible for ensuring that all size information is correct. Custom-made solutions cannot be returned.

All measurements must be entered to ensure the right treatment is provided.

f¹ Upper arm: Measure the circumference at least 10 cm above the crease of the elbow (e).

f Base of the upper arm

e Crease of the elbow

d Middle of the forearm muscle

c Muscle attachment: Measure the circumference at least 12 cm below the crease of the elbow (e).

Notes:

- Take measurements with a slight flexion (30°).
- The length is measured on the inside of the arm. Starting point is the crease of the elbow (e).
- Custom-made solution does not have a strap

Stamp

Customer No. _____

Signature _____

Date _____



TERMS OF SALE AND DELIVERY OF BAUERFEIND AG (GENERAL BUSINESS TERMS) INTERNATIONAL

Prices

are quoted net ex works in Euro currency, plus freight and taxes, if any.

Dispatch

at buyer's cost and risk even if the buyer does not bear the transportation cost. Disruptions of operations affecting us or any of our suppliers, lack of suitable personnel, strike, lockout and force majeure are causes for extending delivery and relieve us of any delivery obligation for the time of the obstruction.

Returns

outside the warranty terms are only accepted after prior advise and approval of Bauerfeind to the return, provided the delivery documents are submitted; it is supposed that the returned goods are in proper state. We reserve the right of rejecting the acceptance of any returned consignment. We charge an administration fee of € 10 for every consignment returned outside the warranty period. The administrative fee for goods returned 1 month or more after the date of delivery is additionally 20 percent of the net order value, subject to a maximum of € 25 per article and piece; the fee is additionally 40 percent of the net order value of goods returned between 6 months and 12 months after the delivery date, subject to a maximum fee of € 50 for each article and piece. Goods returned outside the warranty, especially custom made products, and 12 months or more after the date of delivery will not be accepted back.

Payment

to be made immediately after presentation of the invoice. First deliveries are only made against advance payment. If the customer is in default, any further delivery will only be made against advance payment. We charge interest on arrears at the rate of 8 percent above the applicable base rate from the time at which payment is delayed. Payments by check, draft, etc. are deemed to be made when the amount has finally been credited to our account.

Retention of title

We retain the title to all goods delivered until the buyer has paid all amounts outstanding under our business relations with him. The retention of title also applies proportionately to goods which have been processed or otherwise modified. If the goods are sold all claims on third parties are deemed to have been assigned to us without proviso up to the total amount owing to us. Notwithstanding the assignment, the buyer is entitled to the collection of these amounts. Our right to collect the amounts is not affected by the preceding provision; however, we undertake to refrain from collection unless the buyer defaults on payment. If the buyer defaults on payment we can demand that the buyer disclose the assigned claims and the names of the debtors, provides all information required for collection of the debt, delivers all required documents and informs the debtors (third party) of the assignment. The buyer is not permitted to sell, hypothecate or assign the goods as security. Hypothecation, confiscation or any other action of constraint taken by a third party shall be communicated to us by the buyer

without delay and he shall provide all information and documents to enable us to defend our rights. We undertake to release, on the buyer's demand, any security which exceeds a secured claim that has not been satisfied by more than 20 percent.

Complaints

Warranty claims due to obvious defects expire unless notified to us in writing without delay within the meaning of Article 377 HGB (German Commercial Code). For the rest, the time bar for warranty claims is 1 year after delivery of the goods purchased. If the goods are defective, we make replacement delivery or repair the goods at our choice. For reasons of hygiene, repairs can only be made to washed goods and goods which are of good hygienic condition. We will reserve the right of charging an adequate administration fee if unwashed goods are returned. If and to the extent to which we fulfil our duties of supplementary performance, in particular, the repair of defects or delivery of goods without defect, the customer cannot demand a price reduction or rescind the contract unless our attempts at supplementary performance have failed. Defects which are due to normal wear and tear, overstrain, misuse, neglect of care or non-compliance with the instructions for use are not covered by warranty.

Liability

for damage is excluded unless we or our servants are found to have acted with gross negligence or intention. This limitation of liability does not apply to damage due to injury of life, body or health or the violation of a major contractual duty.

Legal venue

The place of performance is the business seat of this company. The legal venue for all controversies from the business relations is Gera.

Partial invalidity

If any provision in these Terms of Sale and Delivery should be or become invalid or unenforceable, the other provisions will not be affected by this. The ineffective or unenforceable provision will be substituted by a valid and enforceable provision which reflects the original intention of the parties as closely as possible.

Data protection clause / call recording

For quality purposes, we randomly record calls between the buyer and our employees. The phone records exclusively serve the purpose of improving our performance and are deleted after evaluation. The data will not be disclosed to third parties. The buyer hereby consents to the records of telephone calls to that sole purpose. Consent is voluntary and may be revoked at any time in the future by the buyer.

Latest edition: February, 2016

Prices are correct at the time of going to print. We accept no liability for printing errors or mistakes.

A BETTER QUALITY OF LIFE FOR YOUR CUSTOMERS!

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