

# BAUERFEIND – BY PEOPLE FOR PEOPLE. FOR A BETTER QUALITY OF LIFE.

Bauerfeind AG is one of the world's leading manufacturers of medical aids. With our products, we enable people to be more active and thus make an important contribution toward maintaining and restoring health.

### MEDICAL KNOW-HOW AND TECHNICAL EXPERTISE

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

Supports and orthoses from Bauerfeind represent premium quality.

### **EFFECTIVE VARIETY**

Bauerfeind has taken on the mission of using modern orthopedic supports and orthoses to help people lead an active and pain-free life, even well into old age. Our products are characterized by clinically proven effectiveness and the latest materials.

The supports and orthoses help during recovery from injuries, in cases of degenerative changes and following surgery, and they provide new levels of mobility. Bauerfeind's high quality standards guarantee excellent product functionality.

#### **QUALITY WITHOUT COMPROMISE**

Bauerfeind products don't simply meet standards – they fulfill the most stringent requirements in terms of quality, effectiveness, and wearing comfort. This is confirmed by regular inspection procedures, for which our products are permitted to bear the seals and marks after successful testing. All Bauerfeind supports and orthoses conform to the requirements of the German Medical Devices Act (MPG) and the Medical Devices Regulation (EU) 2017/745. CE certification and DIN EN ISO 13485 certification guarantee quality you can trust.



# ADDITIONAL BAUERFEIND PRODUCT CATEGORIES



#### **VENOTRAIN COMPRESSION STOCKINGS**

are characterized by clinically proven effectiveness and unique material properties. They improve venous activity and counteract venous leg problems. For both mild to moderate and advanced vein problems, as well as for work or travel, the VenoTrain product range offers a suitable stocking. They can easily be combined with various styles, thanks to a wide range of colors and designs.



#### **COMPRESSION STOCKINGS FOR EDEMA TREATMENT**

Every day is more pleasant when you're feeling good. That is why the flat knit, custom-made VenoTrain® curaflow compression stockings were developed. This versatile and colorful product perfectly adapts to the individual shape of the lymphedema or lipedema patient's legs, arms, hands, or thorax. VenoTrain® curaflow alleviates pain caused by tension and provides noticeable relief so patients can live their everyday lives feeling carefree, confident, and attractive.



A healthy body needs healthy feet. **ORTHOPEDIC FOOT ORTHOSES** simultaneously relieve the feet, knees, hips, and back. They help the foot to function naturally and can therefore positively influence the body's biomechanics.

As different feet need different types of support, Bauerfeind offers more than 300 different types of foot orthosis.

Medical aids have been proven to be effective\*

\* Supports / orthoses, compression stockings and foot orthoses help patients get back on their feet quickly after an injury or in case of disorders.

(Source: representative patient survey conducted by the Allensbach Institute for Public Opinion Research on behalf of eurocom e.V., 2023, n=1,300 users of supports/orthoses, compression stockings and foot orthoses)

For an overview of all treatment areas, please visit:

experts.bauerfeind.com

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### (1)

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# THE BAUERFEIND SERVICE YOU CAN RELY ON

### **ONLINE SHOP SERVICE**

When ordering via the Bauerfeind online shop, you benefit from reduced shipping costs and can take advantage of versatile functions such as the order status, availability display or patient files. To create a customer account, register at: **experts.bauerfeind.com/register** 



### YOUR BENEFITS AT A GLANCE

- + 24 h online availability
- + Accessible anywhere using a web browser
- + Intuitive order process
- + Up-to-date order status
- + Reduced shipping costs
- + Smart search function
- + Digital order process

- + Direct connection to Bauerfeind BODYTRONIC measurement technology
- + Patient file to store measurement and treatment data
- + Support via Customer Service, chat, e-mail, contact form:
  - experts.bauerfeind.com/contact

### **PARTNERS IN HEALTHCARE**

At Bauerfeind, our passion for quality is driven by supporting patients in their journey towards health and recovery.

Our healthcare partners are integral to this service concept, providing exceptional care to deliver innovative, tailor-made solutions that support patient goals and outcomes.

As your partner in care, Bauerfeind is available to answer any questions you or your patients may have about our products and services:

www.bauerfeind.com

### **SERVICE GUARANTEES**



### 100 % AVAILABILITY

By telephone within our service times (Mo.-Th. 7.00 am-05.00 pm, Fr. 7.00 am-04.00 pm CET).
By fax, e-mail and electronic ordering systems 24 hours per day.



#### **ELECTRONIC ORDERING SYSTEM**

Make use of our offers for a fast, faultless and effort reduced data transfer: online shop, EDI service partner.



#### **DESPATCH HANDLING**

At your request we take care of the full processing of your shipment (incl. shipment quotations, additional documents) and we can bundle your orders flexible.



### PROCESSING OF RETURNS

Within 5 days after receipt of goods.



#### ONE FACE TO THE CUSTOMER

You have one fixed contact person for all of your desires and concerns.



#### PROACTIVE INFORMATION

We keep you posted – you receive from us all important information about your order and delivery status.



#### **RETURN OF GOODS**

Redemption of faultless goods within 30 days after delivery with 100% refund or replacement (prior notification, filled form of return is required).

# BAUERFEIND PRODUCT FEATURES

# A PLUS IN TERMS OF FUNCTION, QUALITY AND WEARING COMFORT

Bauerfeind has represented outstanding quality and excellent treatment for more than 90 years.

Find out more about discerning expertise and high-quality product features that characterize our entire portfolio.

### + TRAIN KNITTED FABRIC

The three-dimensional surface of the breathable material allows constant microcirculation and intermittent compression during movement.

Muscular stabilization supports physiological movement processes. The Train knitted fabric fits perfectly and remains securely in position.



### + COMFORT ZONE

For particularly sensitive areas of the body, such as crooks, bony projections and peripheral areas, we offer particularly stretchy material ensuring more wearing comfort, minimal pressure and easier doffing and donning.



### + GENTLE ON THE SKIN AND BREATHABLE

We really want to comply with the requests voiced by many users for particularly skin-friendly products. That is why we develop materials that are pleasant and breathable on the skin and fit without slipping.



### + EASY TO HANDLE

We want to make sure that our products are easy to put on and can be used without much effort. To achieve this, we integrate individual product solutions, such as ergonomic donning aids, practical hand straps, special zippers, flexible Velcro straps, or individual fastening systems.



### + TOOL-FREE FITTING

For individual adjustment, you can shape or configure many of our components, such as aluminum frames or hinges, without tools. Prompt service and uncomplicated use ensure a high degree of customer satisfaction and time savings.



### + MULTI-STAGE TREATMENT

The modular design of modern orthoses allows multi-stage treatment, depending on the required stabilization or desired mobilization by adding or removing functional elements.



### + STUDIES SHOW THAT:

Numerous clinical studies conducted by independent institutes additionally provide confirmation of medical effectiveness. Find out more about the latest study results from your Bauerfeind field sales team, in certified CME training sessions, or at bauerfeind.de/arzt.



### + DIGITAL MEASUREMENT

With the pioneering BODYTRONIC measurement system, Bauerfeind offers the option of individually adapting supports, medical compression stockings, foot orthoses and shoes, guaranteeing the perfect fit, excellent wearing comfort and maximum medical effectiveness – for high-quality treatment.



# THE NEW TRAIN SUPPORTS THE BENCHMARK FOR THE FUTURE

The therapeutic goals of medical supports are less pain and more joint stability.

But a support can only help when it fits properly and is comfortable to wear. It has to be convincing every day, after all:

### THIS IS IMPORTANT TO PATIENTS WHEN BUYING A SUPPORT:\*

84%

pleasant

to wear

easy and uncomplicated to put on and take off 81%

a sense of stability and confidence

Bauerfeind has been acting according to these characteristics from the beginning.

The new Train supports are

## NOW EVEN MORE CONVINCING IN TERMS OF EFFECTIVENESS, WEARING COMFORT AND HANDLING.







# PROMOTE PAIN-RELIEVING EFFECT OF THE SUPPORTS THE NEW TWO-COMPONENT PADS

- Provide relief and reduce pain
- Innovative massage elements consisting of two components provide intense stimulation



# MAKE DONNING AND DOFFING EASIER THE NEW PLASTIC STAYS

- · Comfortable donning and doffing aid
- Durable, highly flexible synthetic material
- Adaptable flex zone ensuring the perfect fit



### »THE FIT IS FXCFPTIONAL«

The three-dimensional, anatomical basic shape and high elasticity of the knitted fabric ensure that the new Train supports fit perfectly during movement, therefore being able to offer maximum effectiveness.

Birgit Görnert, Head of Global Product Management

### THE NEW HIGH-LOW KNITTED FABRIC

### + STABILIZING AND PAIN REDUCING EFFECT

Thanks to comprehensive compression with highly textured surface combined with pads.

### + STIMULATES THE METABOLISM AND PROMOTES HEALING

The compressive knitted fabric creates a beneficial intermittent compression massage during movement.

### + EFFECTIVE THANKS TO THE PERFECT FIT

The knitted fabric is anatomically contoured and highly elastic to ensure a secure fit, even during movement.

### + PLEASANT TO WEAR

The knitted fabric is thinner, the structure airier and compression more gentle in the sensitive areas of the body.

### PROVEN BAUERFEIND QUALITY

### **COMFORTABLE AND DURABLE**

The elastic compression yarns are covered twice before the knitting process. This guarantees perfect stretching behavior and ensures a comfortably soft surface for our supports.

### **SOFT EDGES**

Wide edges with reduced pressure prevent pinching and guarantee unrestricted metabolism.



### BAUERFEIND TRAINING APP

TRAINING AS IDEAL THERAPY ADDITION.

The body can only stay mobile and recover properly with training and movement.
The Bauerfeind training App supports patients to exercise with products from Bauerfeind.
Our trainer targets different problems and motivates users to do something to improve their health.



Available free of charge for iOS and Android.

For more information, please see: apps.bauerfeind.com/therapy





### PERSONALIZED TRAINING FOR EACH PATIENT

Two or three training sessions per week will increase the patient's strength and mobility. The exercises are chosen to suit the individual indication and are constantly adapted to the patient's fitness level and pain threshold. This brief workout of less than 30 minutes can easily be integrated into daily activities.



THE TRAINING APP

**DEVELOPED BY EXPERTS**The exercises have been compiled by physicians and

physiotherapists to suit the relevant conditions.

### MONITORING IMPROVEMENT AND TRAINING PROGRESS

The trainer keeps asking about how the patient is feeling and optimizes the training plan accordingly. At the same time, he records the individual pain assessment, meaning users can always keep an eye on their healing process.

**BAUERFEIND ACADEMY** 

COMPETENT. GOAL-ORIENTED.

SUCCESSFUL.

Would you like customers to clearly favor your medical retail store and reward your team's expertise?

We will be happy to support you!

We offer you customized training with strong practical relevance.

These training opportunities can also be conducted online.

Discuss the options with your sales manager.



### **BENEFITS AT A GLANCE**

### **⚠** TRAINING WITH STRONG PRACTICAL RELEVANCE

The training sessions offered by our Academy will always include medical information to improve understanding and ensure increased technical expertise.

Specifically trained coaches, such as orthotists, physical therapists, and lymph therapists, will provide professional guidance through the different subjects, while always considering the relevant target group.

E-LEARNINGS &
 ONLINE TRAINING ON
 MEDICAL KNOWLEDGE &
 PROFESSIONAL COMPETENCE



bfzr.de/int-elearning2

TRAINING REQUEST



bfzr.de/individual-training

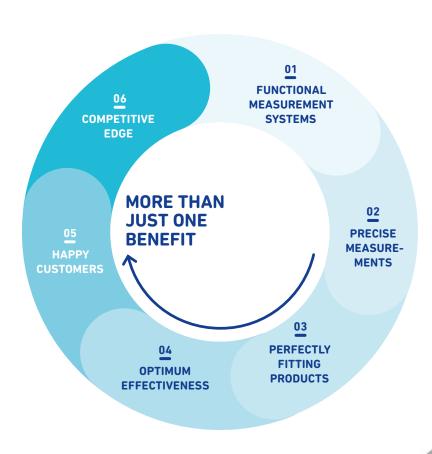
### **ONLINE TRAINING**

Would you like to learn in a time-saving and cost-efficient way? You can book tailored online training and specify the contents and the subject according to your needs.





# QUALITY THAT CAN BE MEASURED – AND MADE TO MEASURE.







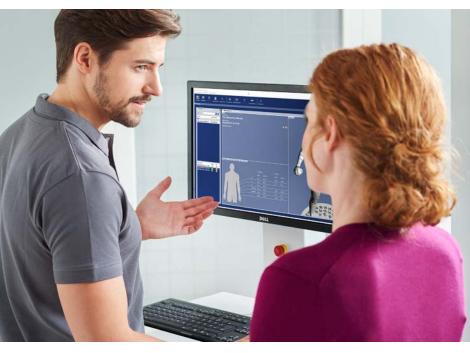




### **BODYTRONIC® 410**FLEXIBLE 3D SCANNER FOR THE LOWER EXTREMITIES

- Contact-free measurement for compression stockings, with no need for special measurement clothing
- 3D image of the measurement area up to the waist
- Quick and easy to set up and take down







### **BODYTRONIC® 610**FULL-BODY SCANNER INCLUDING PRODUCT

INCLUDING PRODUCT SUPPLY
FOR ALL EXTREMITIES

- Contact-free measurements for medical compression stockings, knee and foot supports, knee orthoses as well as for back, arm and shoulder products without the need for special measurement clothing
- Optional full-body scan, export of 3D data
- Integrated leg volume measurement
- Standing space of only 1.60 m<sup>2</sup>



SCANNER AND CAMERA

Beams of harmless infrared light are projected to form patterns on the object being measured and are captured digitally. Using the information from the images, the software generates a precise 3D model.



**SELF-ROTATING MEASUREMENT PLATFORM** Moves the patient steadily, thus excluding the potential for errors.

# FOR TARGETED FOOT AND ANKLE TREATMENT





### TABLE OF INDICATIONS FOOT AND ANKLE TREATMENT

PRODUCT		MalleoTrain°	MalleoTrain*S/ S open heel	MalleoTrain <sup>®</sup> Plus	AchilloTrain*	AirLoc*
					NEW GENERA- TION	3
PRODUCT FEATURE		Relief and stabilization of the ankle	Stabilization of the ankle joint thanks to functional strap system	Increased stabilization and relief of the ankle thanks to functional strap system	Relief of the Achilles tendon thanks to heel wedge	Movement-limiting ankle orthosis with adjustable air cushions
PAGE NUMBER		20	21 + 22	23	24	26
INDICATIONS						
Ligament insufficiency /	mild	•	•	•		
instability	moderate severe					•
Irritation (post-traumatic/post-operate	tive)	•		•	•	
Injuries to the capsular ligan	nent (acute)					•
Early functional treatment		•		•		•
Non-surgical / post-operative	e treatment	•		•		•
Rehabilitation / protection		•	•	•		•
Sinus tarsi syndrome / instability of the subtalar join	nt					
Recurrence prevention		•	•	•		•
Osteoarthritis / arthritis		•				
Tendinopathy		•				
Tendomyopathy		•				
Achillodynia					•	
Haglund's deformity					•	
Hallux valgus (non-surgical /	post-operative)					
Weber A fracture (not disloca	ated)					•
Weakness of the dorsiflexor (e.g. following trauma, stroke						

MalleoLoc <sup>®</sup> L	MalleoLoc* L3	MalleoLoc*	CaligaLoc*	ValguLoc*	ValguLoc <sup>*</sup> II	Xtern summit	Xtern frontier
							NEW
Lateral stabilization of the ankle	Lateral stabilization of the ankle – removable in three stages	Increased stabilization of the upper and lower ankle	Stabilization of the upper and lower ankle after serious injuries	Correction of the big toe at rest	Correction of the big toe at rest and during movement	For a natural gait	For a natural gait – in particular for patients who have suffered a stroke
27	28	29	30	31	32	33	33
•	•						
	•	•	•				
•	•						
	•	•	•				
	•	•					
•	•	•	•				
•	•	•	•		•		
			•				
•	•	•					
				•			
				•			
							•

### **MalleoTrain**®

### Relief and stabilization of the ankle









Pads anatomically contoured to the medial and lateral malleolus



Train knit fabrio



Instep comfort zone



Soft support edge

### **INDICATIONS**

- Chronic, post-operative and post-traumatic irritation (e.g. after sprains)
- Osteoarthritis and arthritis, joint effusions and swelling
- Tendinopathy
- Tendomyopathy
- · Ligament insufficiency
- Early functional / non-surgical treatment
- Recurrence prevention

#### BENEFITS AND MODES OF ACTION

- Graduated compression promotes the reabsorption of edema, effusions and hematomas
- The pad redistributes support's compression away from the prominent malleoli to the surrounding soft tissues
- Neuromuscular joint stabilization by means of compressive knit material
- Intermittent compression is exerted during movement to promote circulation via the joint capsule and tendon compartments
- Optimized durability, even with intensive use, thanks to reinforced seams with an elastic band
- The breathable and particularly soft instep comfort zone of the anatomically contoured Train knitted fabric provides maximum wearing comfort with ideal medical effectiveness

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement
- + Training app

### **ORDERING OPTIONS**

Colors: beige, black, titan

Designs: right, left

**Optional** 

**ORDER NO.** 

custom-made solution (beige, titan)

### SCOPE OF DELIVERY

Including donning aid

#### STUDIES<sup>A</sup> HAVE SHOWN

 60% of patients experience less pain with the MalleoTrain ankle support

Ankle circumference (cm)	17 – 19
* = Color (1) beige, (7) black,	(8) titan

+ = Design (6) right, (7) left

° = Size (1 – 6)

SIZE

 21-23
 23-25
 25-27
 27-29
 110 1110 30\*0 +0°

 Custom-made solution: Please find the exact measuring





19 - 21

### MalleoTrain® S

Stabilization of the ankle joint thanks to functional strap system









Flat strap system



Train knit fabric



Instep comfort zone



Soft support edge

### **INDICATIONS**

- · Ligament insufficiency
- Supination prevention
- Mild sprains

#### BENEFITS AND MODES OF ACTION

- Stabilizes the ankle's movement planes and counteracts supination, thanks to its individually adjustable strap system
- Works just like a functional tape bandage, connecting the midfoot with the distal lower leg via a vertical figure of eight
- Neuromuscular joint stabilization by means of compressive knit material
- The breathable and particularly soft instep comfort zone of the anatomically contoured Train knitted fabric provides maximum wearing comfort with ideal medical effectiveness
- Particularly flat strap system on anatomically contoured Train knitted fabric fits into many types of shoes
- Optimized durability, even with intensive use, thanks to reinforced seams with an elastic hand

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement
- + Training app

### **ORDERING OPTIONS**

**Colors:** black, titan **Designs:** right, left

### SCOPE OF DELIVERY Including donning aid

SIZE	1	2	3	4	5	6	ORDER NO.
Ankle circumference (cm)	17 – 19	19 – 21	21 – 23	23-25	25 – 27	27-29	110 1111 30*0 +0°

<sup>\* =</sup> Color (7) black, (8) titan



<sup>+ =</sup> Design (6) right, (7) left

<sup>° =</sup> Size (1 – 6)

### MalleoTrain® S open heel

Stabilization of the ankle joint and improved contact with the ground, thanks to open heel









Flat strap system



Open heel





Instep comfort zone

#### **INDICATIONS**

- · Ligament insufficiency
- Supination prevention
- Mild sprains

#### BENEFITS AND MODES OF ACTION

- Stabilizes the ankle's movement planes and counteracts supination, thanks to its individually adjustable strap system
- Works just like a functional tape bandage, connecting the midfoot with the distal lower leg via a vertical figure of eight
- Neuromuscular joint stabilization by means of compressive knit material
- The breathable and particularly soft instep comfort zone of the anatomically contoured Train knitted fabric provides maximum wearing comfort with ideal medical effectiveness
- Open heel for improved contact with the ground
- · Particularly flat strap system on anatomically contoured Train knitted fabric fits into many types of shoes

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement
- + Training app

### **ORDERING OPTIONS**

Colors: beige, titan Designs: right, left

SIZE	1	2	3	4	5	ORDER NO.
Ankle circumference (cm)	17 – 19	19 – 21	21 – 23	23 – 25	25-27	110 1115 10*0 +0°

<sup>\* =</sup> Color (1) beige, (8) titan

+ = Design (6) right, (7) left ° = Size (1 – 5)



### MalleoTrain® Plus

Increased stabilization and relief of the ankle thanks to functional strap system









Strap system wrapped in a figure



Flat strap system



Train knit fabrio



Instep comfort zone

#### **INDICATIONS**

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

#### BENEFITS AND MODES OF ACTION

- Stabilizes the ankle's movement planes and counteracts supination, thanks to its individually adjustable strap system
- Works just like a functional tape bandage, connecting the midfoot with the distal lower leg via a vertical figure of eight
- Additional stability thanks to medial and lateral pads that are wrapped up tightly in a figure of eight pattern
- Neuromuscular joint stabilization by means of compressive knit material
- The breathable and particularly soft instep comfort zone of the anatomically contoured Train knitted fabric provides maximum wearing comfort with ideal medical effectiveness
- Particularly flat strap system on anatomically contoured Train knitted fabric fits into many types of shoes
- Optimized durability, even with intensive use, thanks to reinforced seams with an elastic band

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement
- + Training app

### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

### SCOPE OF DELIVERY

Including donning aid

SIZE	1	2	3	4	5	6	ORDER NO.
Ankle circumference (cm)	17 – 19	19 – 21	21 – 23	23-25	25-27	27-29	110 1112 1080 +0°

<sup>+ =</sup> Design (6) right, (7) left



<sup>° =</sup> Size (1 – 6)

### **AchilloTrain**®

Reduction of Achilles tendon problems, thanks to friction pad and heel wedge













Tendon pad

Effect of the pad over the whole tendon course

Integrated donning aid

Two heel wedges for additional relief

Instep comfort zone

#### **INDICATIONS**

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

#### BENEFITS AND MODES OF ACTION

- The pad ensures a uniform application of pressure and exerts a massage effect during movement, improving the local metabolism and reducing edema
- The integrated tendon pad is viscoelastic and anatomically contoured
- Targeted intermittent compression is used, for example, to improve muscle control and movement coordination

### APPLICATION INSTRUCTIONS

• If optional heel wedge is used, please use it on both sides

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Digital measurement
- + Training app

### **ORDERING OPTIONS**

Colors: beige, black, titan

**Versions:** identical versions for right and left

Spare parts / additional features: see page 116 and price list

### SCOPE OF DELIVERY

Including donning aid

Includes viscoelastic heel wedges (one pair)

			-
Ankla	circumference	(cm)	

17 – 19

19 – 21

21 – 23

23-25

25 - 27

27-29

ORDER NO.

110 1101 40\*0 00°



SIZE

<sup>\* =</sup> Color (1) beige, (7) black, (8) titan

<sup>° =</sup> Size (1 – 6)

### AirLoc®

Movement-limiting ankle orthosis with adjustable air cushions





Integrated pump and release valve to adjust air cushions to degree of swelling



Adapts to the individual foot width, thanks to its elastic shell connection



Two anatomically contoured Velcro straps ensure the perfect fit on the lower lan



Pleasant wearing sensation, thanks to flat, anatomically contoured design with soft pads



Stabilizing effect in combination with shoes

#### **INDICATIONS**

- Treatment of (acute) injuries to the capsular ligament complex
- Early functional / non-surgical treatment, e.g. after ankle sprains and ruptured ligaments
- Post-operative rehabilitation / protection, e.g. after suture repair / ligament reconstruction
- Chronic ligament insufficiency / instability
- Recurrence prevention
- Weber A fracture (not dislocated)

#### BENEFITS AND MODES OF ACTION

- When worn with shoes, stabilizes the medial and lateral capsular ligament structures in the ankle after acute injuries
- Pronation and supination are mechanically restricted to prevent recurring trauma
- The flat, anatomically contoured orthosis has been designed for acute treatment in particular, and is available in one universal size for the right/left foot
- The insides feature extensive foam pads in a soft microfiber top cover
- Two anatomically contoured plastic shells form a U splint and are secured with two anatomically contoured Velcro straps that are wound around the ankle and lower leg in a circle
- The shells are elastically linked to each other underneath the heel bone and therefore adapt to the individual width of the foot and current degree of swelling

### THE ADVANTAGES OF BAUERFEIND

- + Easy to use
- + Tool-free fitting
- + Training app

### **ORDERING OPTIONS**

Colors: blue

**Versions:** identical versions for right

and left

Size: universal

### STUDIES<sup>A</sup> HAVE SHOWN

 34% fewer complications in ankle treatment compared with taping

### APPLICATION INSTRUCTIONS

- The air cushions incorporated on the sides can be adjusted to the individual degree of swelling, using the integrated pump and release valve
- Slim design so easily fits into various types of footwear

SIZE ORDER NO.

Available in one universal size 120 1303 2050 000

<sup>a</sup> Lardenoye, S., Theunissen, Ed., Cleffken, B., Brink, P., R., G., de Bie, R., A., Poeze, M.:
The effect of taping versus semi-rigid bracing on patient outcome and satisfaction in ankle sprains: a prospective, randomized controlled trial
BMC Musculoskeletal Disorders 2012, 13:8; http://www.biomedcentral.com/1471-2474/13/81

### MalleoLoc® L

### Lateral stabilization of the ankle













Plantar pad

Microfiber cushioning material

Slim L shell

Fits into everyday or business shoes

### **INDICATIONS**

- Non-surgical treatment of sprains and ruptured ligaments
- Acute and chronic capsular ligament instabilities
- Prevention of chronic ligament instability
- Post-operative rehabilitation / protection, e.g. after suture repair/ligament reconstruction
- Post-traumatic/post-operative irritation

### BENEFITS AND MODES OF ACTION

- · Stabilizes the foot in the shoe and provides lateral protection against sprains, without restricting the foot's normal heel-to-toe movement
- The L shell sits in front of the talus bone and prevents talar shift
- The plantar pad (optional) that can be individually positioned stimulates the dorsiflexor muscles for additional active stabilization
- Excellent wearing comfort thanks to soft microfiber cushioning

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Tool-free fitting
- + Training app

#### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

Size: universal

Spare parts / additional features:

see page 116 and price list

### STUDIES<sup>A</sup> HAVE SHOWN

- Counteracts spraining
- · Stabilizes the ankle

#### SIZE

Available in one universal size

+ = Design (6) right, (7) left

Oenimig, D., Motiner, M., Oenice A., Leadorstade. Nachweis von antisupinatorischen Effekten von Orthesen innerhalb des Verletzungsmechanismus; Orthopädieschuhtechnik, Ed. 10, p. 26–29, 2018

ORDER NO.

120 1326 1080 +00

<sup>4</sup> Gehring, D., Münch, M., Gollhofer A., Laborstudie:

### MalleoLoc® L3

Lateral stabilization of the ankle – removable in three stages













Treatment solution for three stability requirements

Zipper Fits into everyday or business shoes

#### **INDICATIONS**

- Non-surgical treatment of sprains and ruptured ligaments
- Acute and chronic capsular ligament instabilities
- Prevention of chronic ligament instability
- Post-operative rehabilitation / protection, e.g. after suture repair / ligament reconstruction
- Post-traumatic / post-operative irritation

#### BENEFITS AND MODES OF ACTION

- The orthosis with removable elements supports patients throughout their treatment and offers a solution for three stability requirements according to the progress of healing
- The support's soft tissue compression helps reduce swelling more quickly, improves proprioception, and activates the muscles
- Provides lateral stabilization of the foot in the shoe and protection against sprains, without restricting the foot's normal heel-to-toe movement
- The L shell sits in front of the talus bone to counteract talar shift
- Zip for easy donning

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Comfort zone
- + Tool-free fitting
- + Multi-stage treatment
- + Training app

### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

Spare parts / additional features:

see page 116 and price list

### STUDIES<sup>A</sup> HAVE SHOWN

- Counteracts spraining
- · Stabilizes the ankle

SIZE	1	2	3	4	5	6	ORDER NO.
Ankle circumference (cm)	17 – 19	19-21	21 – 23	23-25	25-27	27 – 29	120 1327 1080 +0°

<sup>+ =</sup> Design (6) right, (7) left



<sup>° =</sup> Size (1 – 6)

<sup>&</sup>lt;sup>△</sup> Gehring, D., Münch, M., Gollhofer A., Laborstudie:
Nachweis von antisupinatorischen Effekten von Orthesen innerhalb des Verletzungsmechanismus; Orthopädieschuhtechnik, Ed. 10, p. 26–29, 2018

### MalleoLoc®

Increased stabilization of the upper and lower ankle











### **INDICATIONS**

- Early functional / non-surgical treatment for injuries to the capsular ligament complex and the bifurcate ligament, e.g. after sprains and ruptured ligaments
- Post-operative protection after ligament suture repairs / reconstruction
- Chronic ligament insufficiency
- Recurrence prevention

### BENEFITS AND MODES OF ACTION

- Stabilizes the foot and protects against sprains
- Allows both plantar flexion and dorsal extension, and prevents prevent talar shift, without restricting the "normal" gait
- · Activates the dorsiflexor muscles using a plantar guide, thus supporting the stabilizing effect and supination protection offered by the orthosis

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Tool-free fitting
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

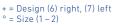
Spare parts / additional features:

see page 116 and price list

### STUDIES<sup>A</sup> HAVE SHOWN

- Counteracts spraining
- · Stabilizes the ankle

SIZE	1 (STANDARD)	2 (WIDE)	ORDER NO.
Heel width (cm)	<6	>6	120 1301 3080 +0°





<sup>&</sup>lt;sup>a</sup> Gehring et al.: Expecting ankle tilts and wearing an ankle brace influence joint control in an imitated ankle sprain mechanism during walking. Gait & Posture 2014; 39 (3), 894-898. Eberbach H., et al., J. Orthop. Surg. Res. (2021) 16:620; https://doi.org/10.1186/s13018-021-02750-6

### **CaligaLoc**<sup>®</sup>

Stabilization of the upper and lower ankle after serious injuries









Medial view



### **INDICATIONS**

- Non-surgical treatment of severe ankle injuries
- · Post-operative protection after suture repairs / ligament 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 a temporary stabilization aid

#### BENEFITS AND MODES OF ACTION

- Prevents non-physiological stress conditions in the upper and, to a certain extent, lower
- Raising of the hindfoot's outer edge and relief of the lateral ligaments thanks to integrated pronation wedge

#### APPLICATION INSTRUCTIONS

- Individual adjustment by cutting the cushion in the event of severe swelling thanks to cut-outs in the area of the lateral malleolus
- Only to be worn in comfortable outdoor footwear or sneakers; when lying down or sitting, the orthosis also relieves the ankle without shoes

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Tool-free fitting
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

### STUDIES<sup>A</sup> HAVE SHOWN

• Ready to work again 23.3 days earlier compared with plaster cast treatment

SIZE	1	2	3	ORDER NO.
Shoe sizes as a guide	34 – 38	39-43	44-48	120 1300 4080 +0°

<sup>+ =</sup> Design (6) right, (7) left

 $<sup>^{\</sup>circ} = Size (1 - 3)$ 

<sup>&</sup>lt;sup>A</sup> Zwipp et al., Die konservativ-funktionelle Behandlung des Knöchelbänderrisses hat sich bewährt: 5-Jahres-Ergebnisse, Med. Orth. Tech., Ausg. 114, S. 122-126, 1994 © Gentner Verlag Stuttgart

### **ValguLoc**<sup>®</sup>

Correction of the big toe at rest





Postural splint

### **INDICATION**

• Hallux valgus (non-surgical and post-operative)

#### BENEFITS AND MODES OF ACTION

- Corrects the misalignment of the big toe and stretches shortened parts of the capsule and / or soft tissues
- Postoperative loss of correction (e.g. due to scarring) can be avoided, and the casing helps protect the big toe from certain mechanical forces
- Continuously adjustable correction pressure using Velcro fastening
- High degree of wearing comfort thanks to soft strap and cushioning materials

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Tool-free fitting
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

Spare parts / additional features:

see page 116 and price list

SIZE	1	2	3	ORDER NO.
Shoe sizes as a guide	34 – 36	37 – 40	41 – 46	120 1310 2080 +0°

<sup>+ =</sup> Design (6) right, (7) left ° = Size (1 – 3)

### ValguLoc® II

Correction of the big toe at rest and during movement









Complete mobility of the first metatarsophalangeal joint or immobilizing it with adjustable flexion and extension angles

#### **INDICATIONS**

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

#### BENEFITS AND MODES OF ACTION

- Individual configuration of the correction angle for the big toe thanks to hinge that can be adjusted three-dimensionally
- Can be adapted to the individual shape of the foot and locked in a range of positions if required for post-operative splinting / immobilization of the metatarsophalangeal joint of the toe
- Relieving pressure on the metatarsophalangeal joint of the toe using correction
- Fits into wide outdoor shoes thanks to low-profile design
- Enables natural heel-to-toe movement of the foot

### THE ADVANTAGES OF BAUERFEIND

+ Easy to handle

#### **ORDERING OPTIONS**

Colors: titan

**Versions:** identical versions for

right and left **Size:** universal

Spare parts / additional features:

see page 117 and price list

SIZE	,	ORDER NO.
Available in one universal size		120 1316 0050 000

## Xtern summit Xtern frontier

For a natural gait





Patients can wear a variety of shoes with Xtern (image showing examples)



Quick change of shoes, thanks to shoe attachment clips (included with the product)



Self-closing fastener (Xtern frontier) can also be used with Xtern summit

### **INDICATIONS**

Weakness of the dorsiflexor muscles with or without mild spasticity:

- · Peroneal paresis
- Following back, hip, or knee surgery
- Following traumatic injury in the area of the lower extremities

### Additionally (treatment using Xtern frontier):

- Paresis following a stroke with restricted movement of the fingers
- Multiple sclerosis (MS)

#### BENEFITS AND MODES OF ACTION

- Revitalizes the foot for movement, thanks to the biomechanically optimized orthosis design
- Natural walking and hiking, and much more: the orthosis design adapts to uneven surfaces
- Fits many types of shoes: click-in system allows switching between everyday shoes, sneakers, and even sandals (10 clips included)
- High level of wearing comfort: no direct contact with the foot and ankle to avoid blisters and pressure points
- Low storage requirements, thanks to threesize system with one design for the right and left leg
- Use of inidividual insoles possible

### APPLICATION INSTRUCTIONS

We recommend the Xtern frontier in cases of restricted fine motor skills of the hands because of:

- A magnetic fastener that can be closed with one hand
- Foot is inserted from the back

### **ORDERING OPTIONS**

Colors: black

**Versions:** identical versions for right and left

**Spare parts / additional features:** see page 117 and price list

SIZE		S	M	L	ORDER NO.	
Xtern summit	Shoe sizes as a guide	34,5 – 41,5	40,5-46,0	45,0 – 51,0	120 1355 1170 00°	
Xtern frontier	Shoe sizes as a guide	34,5 – 41,5	40,5-44,5	44,5-51,0	120 1356 1170 00°	

Manufacturer:
TurboMed Orthotics Inc.
240 Sydney (Suite 101)
St-Augustin-de-Desmaures, QC,
G3A 0P2, CANADA

<sup>° =</sup> Size S (1), M (2), L (3)

# FOR TARGETED KNEE AND HIP TREATMENT



### INDICATION GUIDE FOR THE KNEE, THIGH AND HIP

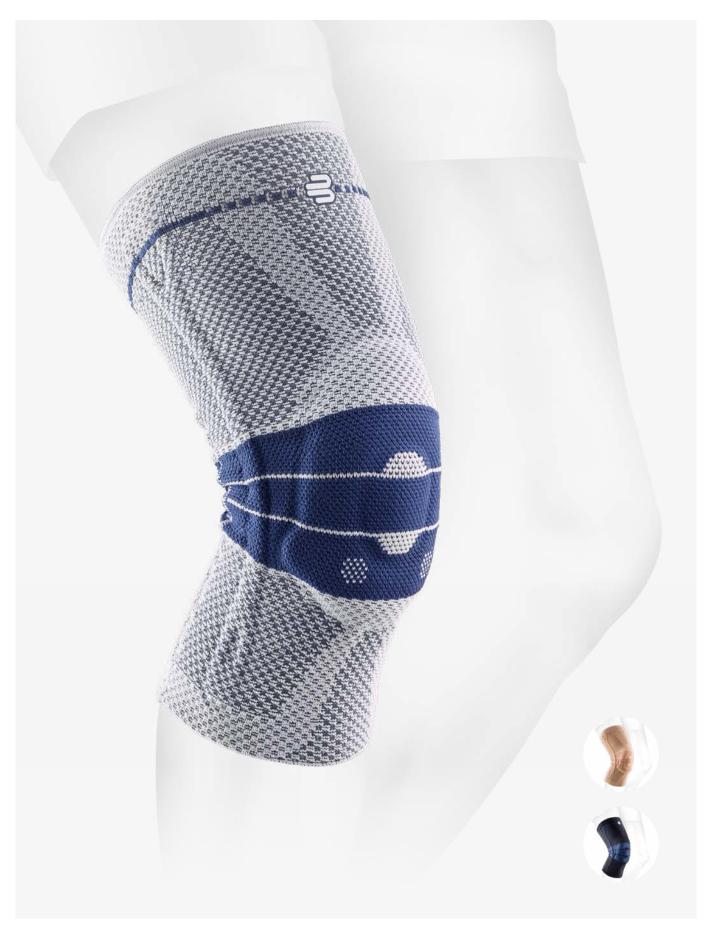
PRODUCT		GenuTrain*	GenuTrain® A3	GenuTrain*P3	GenuTrain° S	GenuTrain® S Pro	GenuPoint*	SofTec® Genu
		9	GENERA- TION		Cari			
PRODUCT FEATURE		Activation, relief and stabilization of the knee joint	Activation and stabilization in cases of complex knee problems such as osteo- arthritis	Centering and securing of the patella using an adjustable corrective strap	Increased stabilization of the knee joint using hinge on the sides	Increased stabilization of the knee joint using hinge on the sides and restriction of range of motion	Targeted relief and guidance of the patellar tendon	Active and passive stabilization of the knee joint – ideal for long-term treatment
INDICATIONS	I PAGE NUMBER	38	40	41	42	43	44	45
Irritation (post-tr		•	•	•			•	
Recurring joint e	ffusion	•	•					
Patellar lateraliz	ation		•	•				
Patellofemoral p	ain syndrome			•			•	
	mild to moderate	•	•	•	•	•		
Instability	severe to complex							•
	functional, e.g. non-copers							•
Meniscus injury		•				•		•
Following menis	cus refixation							•
Collateral ligame	ent injury							•
Ruptured anterio								•
Osteoarthritis of the knee /	mild to moderate	•	•		•	•		
arthritis	moderate to severe							
Condition after c	artilage transplant							
Tendinopathy		•	•					
Patella fracture (non-surgical or post-operative)								
Genu recurvatum								•
Corrective osteotomy								
Knee immobiliza	tion							
Muscle injury (muscle hardening, muscle strains, torn muscle fibers)								
Prevention / recurrence prevention		•	•	•	•	•		•
Osteoarthritis of the hip								
Hip joint dislocat	ion							
Following endop	rosthetic surgery / revis	sion procedures						
Muscular imbalance in the lumbar, pelvis and hip area								
Muscular problems after hip joint surgery								
Impingement of the hip joint								
Instability of the hip joint (after TEP, after revision surgery)								
Feeling of instability in the hip								
Loosening of the hip prosthesis, if surgery is not possible								
Chronic irritation (e.g. bursitis in combination with arthrosis)								
Chronic tendinop	athy in conjunction wit	h arthrosis						

<sup>&</sup>lt;sup>1</sup> Kellgren-Lawrence score 2 – 4

SecuTec® Genu	SecuTec® Genu	GenuTrain®OA	SecuTec® OA	MOS-Genu	GenuLoc*	CoxaTrain*	SofTec <sup>®</sup> Coxa	MyoTrain°
	Flex							
dorsal frontal			E					
Stabilization with restriction of the range of motion in cases of complex knee injuries	Adaptive stabilizing orthosis with range of motion limitation for complex knee injuries	Targeted relief and stabilization to encourage increased activity in cases of osteo- arthritis of the knee	Relief and stabili- zation in cases of osteoarthritis of the knee with leg axis misalign- ment	Correction and stabilization after complex knee injuries or corrective osteotomy	Immobilization of the knee joint – stretched or at a preset flexion angle	Stabilization and reduction of pain in the hip joint	Increased stabilization and guidance of the hip joint	Adjustable compression for the treatment of thigh muscle injuries
46	48	50	51	52	53	54	56	57
		•						
•	•			•			•	
	•							
•	•	•		•				
•	•	•	•	•				
•	•			•				
•	•		in cases of leg axis misalignment	5				
		•	5					
		•	•	•				
		•	•	•				
•				•	•			
				with cross-strap				
				•				
					•			
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						•		
						•		

# **GenuTrain**®

Activation, relief and stabilization of the knee joint













Omega+ Pad

Train knit fabric

Integrated fitting and removal aid

Comfortable in the popliteal region

Comfort sizes

#### **INDICATIONS**

- · Tendinopathy, tendomyopathy, ligament insertion degeneration, meniscopathy, chronic, posttraumatic, or post-operative irritation
- · Recurring joint effusion
- · Osteoarthritis of the knee / arthritis (joint wear / joint inflammation)
- Recurrence prevention
- · Feeling of instability

#### STUDIES<sup>A</sup> HAVE SHOWN

- 89% of subjects experience greater knee stability
- Measurably less strain on the knee joint
- Demonstrable reduction of pain when wearing the support
- Increase in performance and coordinative abilities of the knee joint

#### BENEFITS AND MODES OF ACTION

- · Demonstrable relief and stabilization of the knee joint thanks to targeted activation of the muscles stabilizing the joint
- Massage of menisci via meniscus wings at the sides helps to reduce pain
- · Hoffa spots act on the Hoffa's fat pad, which improves the metabolism and regulates inflammation processes
- Complex stimulation of mechanical sensors improves coordination, sensorimotor function and movement patterns
- Improvement of mobility by massaging tense muscles, tendons and fascia
- Accelerates the absorption of edemas and effusions and supports the healing process in case of irritation
- The breathable active zone and particularly soft comfort zones of the anatomically shaped Train knit fabric enable ideal wearing comfort with optimal medical effects

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement
- + Training app

#### ORDERING OPTIONS

Colors: beige, black, titan

Versions: identical versions for right and left

#### Optional:

Siliconization:

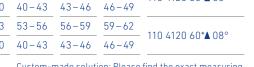
Standard sizes (black, titan), Comfort sizes (beige, black, titan)

Custom-made solution (beige, titan): siliconized edge, velcro fastening

#### Spare parts / additional features:

Silicone dotted band (titan). see page 117 and price list

SIZE		0	1	2	3	4	5	6	7	ORDER NO.	
Ctandard	Circumf. top (cm)	35-38	38-41	41 – 44	44-47	47 – 50	50-53	53-56	56-59	110 /120 /0** 00°	
Standard	Circumf. bottom (cm)	25 – 28	28-31	31 – 34	34-37	37-40	40-43	43-46	46-49	110 4120 60 \$ 00	
C f t	Circumf. top (cm)				47 – 50		53-56			110 4120 60* <b>A</b> 08°	
Comfort	Circumf. bottom (cm)				34-37		40-43			110 4120 60 \$ 08	





<sup>\* =</sup> Color (1) beige, (7) black, (8) titan

<sup>▲ =</sup> Siliconization (0) without, (9) with (only titan and black, Comfort sizes also in beige) r = Size (0 - 7)

Custom-made solution: Please find the exact measuring points on our order pad for custom-made products or the order sheet for custom-made products on page 131.

<sup>&</sup>lt;sup>a</sup> Schween R., Gehring D., Gollhofer A. »Immediate effects of an elastic knee sleeve on frontal plane gait biomechanics in knee osteoarthritis« PLoS One. 2015 Jan 26;10(1):e0115782. doi: 10.1371/journal.pone.0115782. eCollection 2015.
Sole et al. BMC Musculoskeletal Disorders (2021) 22:655; https://doi.org/10.1186/s12891-021-04540-x Sole et al. BMC Musculoskeletal Disorders (2022) 23:560; https://doi.org/10.1186/s12891-022-05488-2

## GenuTrain® A3

Activation and stabilization in cases of complex knee problems such as osteoarthritis









Pad with functional zones



Expansion zone in the lower



Silicone coating at the top support edge



Donning aid

#### **INDICATIONS**

- · Osteoarthritis of the knee and arthritis
- Chronic, post-traumatic and postoperative irritation
- Tendinopathy, ligament insertion degeneration and tendomyopathy
- Knee pain in cases of functional instability due to muscular imbalance
- Recurring joint effusion
- Prevention / recurrence prevention
- Patellar lateralization

#### BENEFITS AND MODES OF ACTION

- Two-component pad with functional zones acts on typical painful areas; functional massage exerted during movement strategically reduces pain in the area of the medial capsular ligament complex
- · Activation of joint-stabilizing muscles and improved of coordination thanks to the stimulation of mechanosensors in the skin and the muscle-tendon junction
- · Intermittent compression massage during movement promotes the reduction of edemas and the absorption of effusion
- The support can be put on and taken off with minimal effort thanks to the ergonomically shaped donning aids based on the unique expansion zone in the lower leg area
- · Maximum wearing comfort thanks to reduced pressure on the edges, the particularly soft area at the back of the knee and the moisture-regulating properties of the Train knitted fabric
- Remains securely in position thanks to anatomical fit and silicone dots on the upper edge of the support
- GenuTrain A3 stands for Anti Arthros Algos

#### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement
- + Training app

#### ORDERING OPTIONS

Colors: beige, black, titan

Designs: right, left



SIZE		

Circumference bottom (cm)

Circumference top (cm)

35 - 4128 - 29

39 - 4629-32

47 – 56 35 - 38

51 - 6038 - 41

55-64 41 - 44

7 59-68 44-47

**ORDER NO.** 

110 4125 20\*0 +0°



3 Narrowest point below the knee Measure at 30° flexion while standing.

\* = Color (1) beige, (7) black, (8) titan

+ = Design (6) right, (7) left ° = Size (1 – 7)

## GenuTrain® P3

Centering and securing of the patella using an adjustable corrective strap















Corrective strap

#### **INDICATIONS**

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

#### BENEFITS AND MODES OF ACTION

- Together with the individually adjustable corrective strap, the pad centers the patella; It ensures that the patella moves in its physiologically correct path and stops it from drifting laterally
- Friction points on the distal pad section massage the infrapatellar fat pad, thus relieving pressure and alleviating pain
- The muscle-relaxing pad slightly reduces the tension on the iliotibial tract; this minimizes lateral pull on the patella
- · Improved proprioception thanks to pad wing with proximal extension as far as the vastus medialis muscle
- Accelerated absorption of edemas and effusions, thanks to medically effective compression and intermittent compression massage during movement
- GenuTrain P3 stands for Permanent Patella Protection

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: beige, black, titan

Designs: right, left

#### Optional:

Siliconization (only titan), custom-made solution (beige, titan):

with siliconized edge

SIZE	1
Circumference top (cm)	39-42
Circumference bottom (cm)	28-31

* = 1	Color	(1)	beige,	(7)	black,	(8)	titar
-------	-------	-----	--------	-----	--------	-----	-------

▲ = Siliconization (0) without, (9) with (only titan)

+ = Design (6) right, (7) left

° = Size (1 – 6)

2	3	4	5	0
42-45	45-48	48-51	51 – 54	54-5
31 – 34	34-37	37 – 40	40-43	43-4

Custom-made solution: Please find the exact measuring points on our order pad for custom-made products or the order sheet for custom-made products on page 132.

#### ORDER NO.

110 4140 30\*▲ +0°



## GenuTrain® S

Increased stabilization of the knee joint using hinge on the sides







Hinge on the sides

#### **INDICATIONS**

- · Joint instability (mild to moderate)
- · Osteoarthritis of the knee
- Arthritis (e.g. rheumatoid arthritis)

#### BENEFITS AND MODES OF ACTION

- · Hinge on the sides, in combination with the circular strap system on the upper and lower leg, stabilize and guide the knee joint
- Flat-fitting and individually adjustable tensioning straps with micro Velcro fastener
- High degree of wearing comfort thanks to breathable, moisture-absorbing Train knitted fabric with special area at the back of the knee and reduced pressure at the edges
- Supports neuromuscular joint stabilization by targeting proprioceptors
- · Pain alleviation based on intermittent compression massage of the parapatellar soft tissue structures during movement, thanks to Train knitted fabric and viscoelastic pad
- Accelerated absorption of edemas and effusions thanks to compression and massage effect of the elastic knitted fabric

#### APPLICATION INSTRUCTIONS

• The anatomically contoured hinges are thermo-formable and can be adapted to the individual anatomy

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: beige, black, titan

Designs: right, left

Custom-made solution (titan): with siliconized edge

Spare parts / additional features:

see page 117 and price list

SIZE	1	2
Circumference top (cm)	38 – 41	41 – 4
Circumference bottom (cm)	28-31	31 – 3

1	2	3	4	5	6	7
38 – 41	41 – 44	44-47	47-50	50-53	53-56	56-59
28-31	31 – 34	34-37	37-40	40-43	43-46	46-49

ORDER NO.

- 110 4130 40\*0 +0°

\* = Color (1) beige, (7) black, (8) titan + = Design (6) right, (7) left

Custom-made solution: Please find the exact measuring points on our order pad for custom-made products or the order sheet for custom-made products on page 133.



## GenuTrain® S Pro

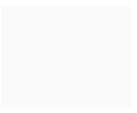
Increased stabilization of the knee joint using hinge on the sides and restricted range of motion

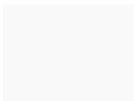












Pad

Limitation of knee flexion

Limitation of knee extension

#### **INDICATIONS**

- · Joint instability (mild to moderate)
- · Osteoarthritis of the knee
- Arthritis (e.g. rheumatoid arthritis)
- · Meniscus injuries

#### BENEFITS AND MODES OF ACTION

- Limiting the range of motion to support treatment using restrictable hinges
- Hinge on the sides, in combination with the circular strap system on the upper and lower leg, stabilize and guide the knee joint
- · Supports neuromuscular joint stabilization by targeting proprioceptors
- · Accelerated absorption of edemas and effusions thanks to compression and massage effect of the compression knit
- Flat-fitting and individually adjustable tensioning straps with micro Velcro fastener
- Pain alleviation based on intermittent compression massage of the parapatellar soft tissue structures during movement, thanks to Train knitted fabric and viscoelastic pad

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: beige, black, titan

Designs: right, left

Optional:

Custom-made solution (titan): with siliconized edge

#### APPLICATION INSTRUCTIONS

- Flexion and extension of the knee joint can be limited independently of one another (flexion: 30°, 60°, 90°) (extension: 20°)
- The anatomically contoured hinges are thermo-formable and can be adapted to the individual anatomy

#### SIZE

44-47 47 - 50Circumference top (cm) 50 - 53Circumference bottom (cm)

7 56-59 31 - 3434 - 3740 - 43

ORDER NO.

110 4135 00\*0 +0°



° = Size (1 – 7)





standing.

## **GenuPoint®**

Targeted relief and guidance of the patellar tendon





Pad with frictional nubs

#### **INDICATIONS**

 Irritation in the patellar tendon area (patellofemoral pain syndrome, chondromalacia patellae, patella tip syndrome / jumper's knee)

#### BENEFITS AND MODES OF ACTION

- Guiding and relieving the patellar tendon using highly targeted compression
- The viscoelastic pad with special pressure points massages areas that are typically painful, alleviates symptoms and improves coordination
- Dynamic pressure adjustment and needs-based compression thanks to individually adjustable strap
- Maximum freedom of movement thanks to anatomic shape

## THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Digital measurement
- + Training app

#### ORDERING OPTIONS

Colors: black, titan

**Versions:** identical versions for right and left

#### STUDIES<sup>∆</sup> HAVE SHOWN

 Less pain and improved proprioception

SIZE	1	2	3	ORDER NO.
Circumference (cm)	28 – 30	30-35	35-44	120 4240 00*0 00°



 $<sup>^{\</sup>circ}$  = Size (1-3)



<sup>&</sup>lt;sup>a</sup> Astrid J. de Vries; Inge van den Akker-Scheek; Svenja L. Haak; Ron L. Diercks; Henk van der Worp; Johannes Zwerver Effect of a patellar strap on the joint position sense of the symptomatic knee in athletes with patellar tendinopathy Journal of Science and Medicine in Sport; 20, 11, S. 986 – 991, 2017

## SofTec® Genu

Active and passive stabilization of the knee joint - ideal for long-term treatment





Automatically determines the individual compromise axis of



Stable, circular frictional connection in accordance with the four-point principle



Hinges on the sides with restrictable Pad with integrated corrective strap



#### **INDICATIONS**

- Rupture of the anterior and / or posterior cruciate ligament (ACL/PCL), for non-surgical treatment, pre-operative and subsequent post-operative treatment, long-term rehabilitation and in cases of chronic insufficiency
- Severe and / or complex instability (traumatic, degenerative; e.g. "unhappy triad")
- Collateral ligament injuries
- · Functional instability, e.g. lack of neuromuscular control, non-copers
- To restrict the range of motion (e.g. following meniscus refixation or meniscal transplant)

#### STUDIES<sup>A</sup> HAVE SHOWN

· Mechanical and neuromuscular stabilization of the knee joint

#### BENEFITS AND MODES OF ACTION

- · Stabilization of the knee joint according to the four-point principle thanks to tensionstable and non-elastic knit sections, hinge on the sides and Velcro straps
- The three-dimensional adjustment of the orthosis hinges to the individual compromise axis of rotation avoids harmful constraining forces on the knee joint
- · Automatically determines the individual compromise axis of rotation
- · Correct positioning of the SofTec Genu on the leg using patella cut-outs in the pad
- Stops the patella from drifting thanks to corrective strap integrated in the pad
- Long-lasting secure fit thanks to anatomically contoured Velcro tensioning straps

#### APPLICATION INSTRUCTIONS

• The hinges permit restriction of extension and flexion in 10° intervals

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Comfort zone
- + Tool-free fitting
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: black, titan Designs: right, left

Hinge cover (sports cover) for safe use on the playing field

Spare parts / additional features:

see page 118 and price list

SIZE	1	2	3	4	5	6	ORDER NO.
Circumference top (cm)	38-42	41 – 45	44 – 49	48 – 53	51 – 57	54-60	
Circumference center (cm)	29-32	32-35	35-38	38 – 41	41 – 44	44-47	122 4600 10*0 +0°
Circumference bottom (cm)	28-32	31 – 35	34-38	36 – 40	39-43	42-46	
Joint protection for contact sports							129 4601 1070 000
* C-1(7) bll. (0) tit							

Color (7) black, (8) titan

+ = Design (6) right, (7) left

Strutzenberger, G., et al., Effect of Brace Design on Patients with ACL-Ruptures; Int. J. Sports Med. 2012; 33: 934–939 Focke A., Steingrebe H., Möhler F., Ringhof S., Sell S., Potthast W. and Stein T. (2020) Effect of Different Knee Braces in ACL-Deficient Patients. Front. Bioeng. Biotechnol. 8:964. doi: 10.3389/fbioe.2020.00964





flexion wi standing.

<sup>° =</sup> Size (1 – 6)

## SecuTec® Genu

Stabilization with restriction of the range of motion in cases of complex knee injuries







Calf strap adjustment



Upper / lower leg frames of different sizes can be combined



Z Design with soft shin straps

Adaptive calf cuff

#### **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 knee joint's range of motion (e.g. after meniscus refixation or meniscal implantation)
- Patellar fracture (non-surgical and post-operative)

#### STUDIES<sup>A</sup> HAVE SHOWN

· Especially secure fit during movement

#### BENEFITS AND MODES OF ACTION

- Six straps in combination with a hard frame offer comprehensive stabilization following ACL, PCL or complex ligament injuries in accordance with the four-point principle
- · Tool-free limitation and immobilization of the joint; angle is clearly visible from the outside
- · Anatomically correct and secure fit
- Extremely lightweight, slim and stable, thanks to light metal alloy frame with custom finish

#### FRONTAL VERSION:

- Easily positioned at the front and fastened by the patient, reducing stress on the injured knee
- · High degree of rotational stability based on anatomically contoured frame design, including for the edges of the tibia

#### **DORSAL VERSION:**

• The adaptable calf shell with selfregulating inclination angle adjusts to the shape of the calf muscle to provide maximum wearing comfort and a secure

#### APPLICATION INSTRUCTIONS

Flexion and extension can be limited independently from 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 ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Tool-free fitting
- + Digital measurement

#### ORDERING OPTIONS

Colors: blue, green (frontal version only)

Versions: frontal or dorsal,

right or left

Upper and lower leg sections of two different sizes can be combined (max. difference: two sizes); Delivered as assembly kit

#### Spare parts:

see page 118 and price list

SIZE	1	2	3	4	5	6	7	ORDER NO.	FRONTAL	DORSAL
Circumference top (cm)	38-42	41 – 45	44-49	48-53	<del>51 – 57</del>	54-60	60-72	Orthosis for purchase	121 4610 1**0 +0°	121 4655 1050 +0°
Circumference bottom (cm)	28-32	31 – 35	34-38	36-40	39-43	42 – 46	46-51	Realignment orthosis	121 4614 0**0 +0°	121 4656 1050 +0°
COMBINATIONS								partially assembled	121 4619 0**0 +0°	121 4657 1050 +0°
Proximal frame size	1	2	3	4	5	6	7	Assembly kit	121 4647 0**0 +^>	121 4658 1050 +^>
Distal frame size	1-3	1 – 4	1-5	2-6	3-7	4-7	5-7			

<sup>\* =</sup> Color (05) blue, (23) green



<sup>+ =</sup> Design (6) right, (7) left

<sup>° =</sup> Size (1 – 7)

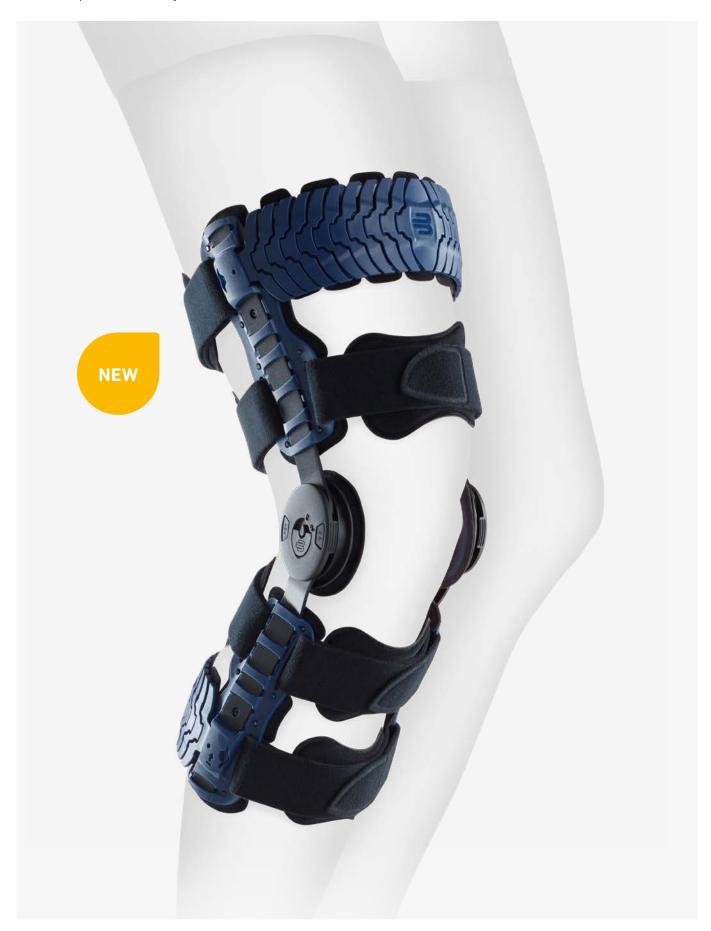
<sup>^ =</sup> Proximal frame size

<sup>&</sup>gt; = Distal frame size

<sup>&</sup>lt;sup>a</sup> Berschin et al.; Axis congruence and axis migration of knee orthoses in practice – Results of kinematic investigations –, MOT. S. 69–79, 3, 2003.

## SecuTec® Genu Flex

Adaptive stabilizing orthosis with range of motion limitation for complex knee injuries









Easily adjustable to the individual leg circumference through Flex-Links



Adapts to the leg anatomy during movement



Tool-free limitation and immobilization



Soft low-profile microfiber padding

#### **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 knee joint's range of motion (e.g. after meniscus surgery)
- For non-surgical treatment or long-term rehabilitation
- · Functional instabilities

#### BENEFITS AND MODES OF ACTION

- Reliable stabilization according to the 4-point principle by combining a semi-flexible frame construction and non-elastic straps
- Remains securely in position with a high level of wearing comfort, due to the semiflexible frame that adapts to the leg anatomy during movement
- Adjustable fit even during ongoing treatment, thanks to Flex-Links on upper and lower leg that can be added or removed
- Telescoping hinges can be easily adjusted to the individual leg length
- Proven hinge design allows for tool-free limitation
- Inconspicuous, secure protection during everyday activities, thanks to lightweight, low-profile design with soft microfiber padding

#### APPLICATION INSTRUCTIONS

Flexion and extension can be restricted in:

- 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 ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Multi-stage treatment
- + Digital measurement

#### **ORDERING OPTIONS**

Color: blue

Designs: right, left

Spare parts:

see page 118 and price list

0,10,20,30,43.

37 - 45

28-36

SIZE	1	2	3	4	5	ORDER NO.	

53 - 61

36-44

61 - 69

40-48

69 - 81

44-52

45-53

32 - 40

+ = Design (6) right, (7) left

Circumference top (cm)

Circumference bottom (cm)

 $^{\circ}$  = Size (1 – 5)

+0°			

standing.

121 4677 1050

## GenuTrain® OA

Targeted relief and stabilization to encourage increased activity in cases of osteoarthritis of the knee









Boa® Fit System



3D knitted mesh



Pressure-free bending zone



Large donning and removal aids

#### **INDICATIONS**

- Medial or lateral osteoarthritis of the knee
- Instability (mediolateral)
- Unicompartmental cartilage bone lesion
- Condition after cartilage surgery and / or cartilage reconstruction for necessary unilateral postoperative relief
- Following unilateral meniscal lesions
- Osteochondritis dissecans (post-operative)
- Bone bruising (bone marrow edema of the medial femoral condyle / tibial plateau)

#### BENEFITS AND MODES OF ACTION

- Noticeable relief for pain on the side of the knee via the innovative relief and stabilization system its circumferential bands according to the three-point principle
- Simple adjustment of relief using the Boa® Fit System dial – without further use of the Velcro fastenings
- More activity thanks to its light weight and secure position on the leg
- Flexible joint splint, figure-of-eight strap, and 3D knitted mesh address the sensorimotor function and promote natural movement patterns
- Comfortable to wear even over longer periods of time due to the breathable 3D knitted mesh and the pressure-free bending zone in the hollow of the knee
- Two easy-to-grip loops at the upper and lower edge of the orthosis make it easy to put on and take off

## THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Tool-free fitting
- + Training app

#### **ORDERING OPTIONS**

Colors: black-blue

#### **Designs:**

- right medial / left lateral: for medial relief on the right leg; or for lateral relief of the left leg
- left medial/right lateral: for medial relief on the left leg; or for lateral relief of the right leg

#### Optional:

Limitation set in 3 sizes see page 118 and price list

#### STUDIES<sup>A</sup> HAVE SHOWN

- 52% feeling of increased stability\*
- 46% increased walking distances without pain\*
- \* compared with not wearing an orthosis

#### APPLICATION INSTRUCTIONS

- Tool-free reshaping of the joint splint for individual fitting to the patient's leg
- Boa® Fit System is easy to handle:
  - open the dial to relax the bands and to put on and take off the orthosis
  - close the screw fastening and turn to regulate pain relief

SIZE	1	2	3	4	5	ORDER NO.
Circumference top (cm)	40-47	47 – 52	52-58	57-65	60-72	121 /1/5 0070 . 00
Circumference bottom (cm)	28-34	34-39	39-43	43-46	46-50	121 4165 0070 +0°

<sup>+ =</sup> Design (6) right medial/left lateral, (7) left medial/right lateral



<sup>° =</sup> size (1 – 5)

 $<sup>^{\</sup>vartriangle}$  Non-interventional, clinical study; evidence level 3, about the use of the GenuTrain OA (Bauerfeind AG), 2021

## SecuTec® OA

Relief and stabilization in cases of osteoarthritis of the knee with leg axis misalignment









Adjustable calf shell



Gel cushions with insertable wedges



Different sizes can be combined to provide the perfect fit



Easy to put on and take off thanks to quick-fit fasteners

#### **INDICATIONS**

- Medial or lateral osteoarthritis of the knee / arthritis (moderate to severe)
- Condition after cartilage transplant
- After meniscus refixation
- Ruptured anterior / posterior cruciate ligament (ACL / PCL) with leg axis misalignment

#### BENEFITS AND MODES OF ACTION

- Correction and relief according to the threepoint principle (varus and valgus setting)
- Stabilization according to the four-point principle (drawer effect; anterior/posterior)
- The perfect fit and pressure distribution thanks to adjustable calf shell and lower leg frame
- High level of wearing comfort thanks to lightweight aluminum frame
- Easy to put on and take off thanks to quick-fit fasteners
- The anatomically contoured gel condyle cushions with insertable wedges ensure perfect adjustment

#### APPLICATION INSTRUCTIONS

- Individual fitting of the distal frame for varus or valgus adjustment (25° each) with 3 mm Allen key
- 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°)
- Limiting hinge elements for restricting mobility or immobilization (to be ordered separately)

## THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Digital measurement

#### **ORDERING OPTIONS**

Colors: blue

Designs: right, left

**Optional:** Limitation set

Upper and lower leg sections of two different sizes can be combined (max. difference: two sizes); Delivered as assembly kit

**Spare parts / additional features:** see page 119 and price list

SIZE	1	2	3	4	5	6	7
Circumference top (cm)	38-42	41 – 45	44 – 49	48 – 53	51 – 57	54-60	60-72
Circumference bottom (cm)	28-32	31 – 35	34-38	36 – 40	39-43	42 – 46	46-51
COMBINATIONS							
Proximal frame size	1	2	3	4	5	6	7
Distal frame size	1-3	1 – 4	1-5	2-6	3-7	4-7	5-7

121 4690 0050 +0° Orthosis for purchase 121 4691 0050 +0° Realignment orthosis 121 4692 0050 +^> Assembly kit

ORDER NO.



(3) 15 cm Measure at 30° flexion while standing.

<sup>+ =</sup> Design (6) right, (7) left

<sup>° =</sup> Size (1 – 7

<sup>^ =</sup> Proximal frame size

<sup>&</sup>gt; = Distal frame size

## MOS-Genu

Correction and stabilization after complex knee injuries or corrective osteotomy





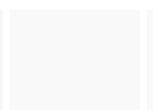




Adjustment in varus and valgus



Varus/valgus adjustment possible



#### **INDICATIONS**

#### Non-surgical:

- · Cruciate and collateral ligament iniuries
- · Complex instabilities
- Relief of the affected joint part in the case of joint wear due to bow legs and knock knees

#### MOS-Genu short after surgery:

- Ligament surgery / ligament reconstructions
- · Meniscal suturing and meniscus replacement surgery (meniscal transplant)

#### MOS-Genu long after surgery:

- After shin bone axis correction (tibial corrective osteotomy)
- After complex reconstructions of the ligaments
- In isolated cases for fractures located close to the joint

#### BENEFITS AND MODES OF ACTION

- The varus / valgus adjustment relieves the relevant knee compartment and / or collateral ligament according to the threepoint principle and corrects the leg axis alignment
- · The knee orthosis is based on the well-known four-point principle and thus counteracts the anterior drawer effect
- The frame design stabilizes the knee joint against varus / valgus forces; the long version has a longer lever
- The straps' large contact surface ensures excellent transmission of force and a secure fit
- The monocentric hinge with physiologically optimized pivot minimizes possible constraining forces exerted by the orthosis on the knee joint

#### APPLICATION INSTRUCTIONS

- Varus / valgus adjustment possible up to 12°
- The monocentric hinges can be restricted in 10° increments for flexion and extension
- To determine the size of the MOS-Genu knee orthosis, the patient's knee should be flexed at 30°. Check the angle of flexion using the MOS Genu goniometer. Maximum M/L knee width is measured at the femoral condyles using the MOS-Genu orthometer (without applying pressure).

The orthosis size is read 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 joint should be taken into consideration.

#### THE ADVANTAGES OF BAUERFEIND

- + Gentle on the skin and breathable
- + Digital measurement

#### ORDERING OPTIONS

Colors: blue

Designs: short, long, right, left

**Optional:** The popliteal strap counteracts

hyperextension

ORDER NO.

121 4660 405# +0°

Spare parts / additional features:

see page 119 and price list

#### STUDIES<sup>A</sup> HAVE SHOWN

• 30% less strain on the medial side

SIZE

Max. Knee width (mm)

# = Design (1) short, (2) long

+ = Design (6) right, (7) left ° = size (1 – 5)

Kutzner et al., The effect of valgus braces on medial compartment load of the knee joint in vivo load measurements in three subjects, Journal of Biomechanics 44, 1354-1360, 2011





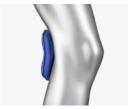
85 - 95

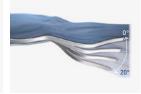
## KNEE, THIGH & HIP

## GenuLoc®

Immobilization of the knee joint – stretched or at a preset flexion angle











Pad behind the knee

Contoured aluminum splints

Plastic stays at the sides

#### **INDICATIONS**

- Pre-operative, post-operative, post-traumatic immobilization
- Non-surgical treatment of patella fractures

#### BENEFITS AND MODES OF ACTION

- The knee's flexion angle can be adjusted using dorsal aluminum splints
- Reduced edema development thanks to removable pad behind the knee
- Stabilizing plastic stays at the sides automatically adjust to the set knee flexion angle, guaranteeing an excellent fit

#### APPLICATION INSTRUCTIONS

- The aluminum splints are contoured to ensure a knee flexion angle of 20°
- Universal size, one design for the right and left knee

## THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable

#### **ORDERING OPTIONS**

Colors: black
Size: universal

SIZE ORDER NO.

Available in one universal size 120 4320 0070 000

# **CoxaTrain**®

Stabilization and reduction of pain in the hip joint









Gluteal pad – massages trigger



Trochanter pad – massages during movement



Joint splint can be assembled and adjusted without any tools



Height-adjustable joint splint

#### **INDICATIONS**

- · Osteoarthritis of the hip (Kellgren-Lawrence score 2-4)
- Muscular imbalance in the lumbar, pelvis and hip area
- Muscular problems after hip joint surgery
- Impingement of the hip joint
- Instability of the hip joint (after THR, after revision surgery)
- Feeling of instability in the hip
- Loosening of the hip prosthesis if surgery is not possible
- Chronic irritation (e.g. bursitis in combination with arthrosis)
- · Chronic tendinopathy in conjunction with arthrosis

STUDIES<sup>A</sup> HAVE SHOWN

· Reduces pain when walking

Reduces night pain

· Increases mobility

#### BENEFITS AND MODES OF ACTION

- · Pain-relieving counteraction of muscular imbalances in the lumbar, pelvis and hip area during movement with a positive effect on gait:
  - by stabilizing the pelvis and relieving the sacroiliac ioints (SI ioints)
  - thanks to the massage effect of the dorsal SI joint friction pads on the local ligament structures and adjacent muscles
  - thanks to the friction massage provided by the trochanter pad, which moves up and down in a cycle during walking
  - thanks to the gluteal pad massaging trigger points
- · Stabilizing guidance provided by the lateral joint splint
- High level of patient compliance
- Easy to put on without much effort thanks to looped tensioning straps and practical finger pockets/loops

#### APPLICATION INSTRUCTIONS

Targeted adjustment thanks to

- Tool-free setting of the joint splint to suit the patient's anatomy
- Height-adjustable thigh support above the joint splint
- Individually adjustable tensioning straps on the pelvic support for stabilization

- Three degrees of restriction of hip movement (flexion and extension) thanks to optional joint limiting pin (60°, 75°, 90°)
- Use on both sides possible (ordering an additional hinge, thigh support and Gluteal Pad for the side that should also be treated)

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Tool-free fitting

### **ORDERING OPTIONS**

Colors: titan

#### **Designs:**

Short hinge < 170 cm body height Long hinge > 170 cm body height

**Optional:** Limitation pins

• In specific cases, it is possible that a "long" joint splint will fit better than a measured size of "short" or the other way round.

#### Spare parts:

see page 119 and price list

PELVIC	SIZE	1	2	3	4	5	6	ORDER NO.
SUPPORT	Pelvis circumference (cm)	85 – 95	95 – 105	105 – 115	115 – 125	125 – 135	135 – 145	122 2581 2080 00°
	° = Size (1 – 6)							
THIGH	SIZE	1	2	3				ORDER NO.
SUPPORT	Mid-thigh circumference (cm)	43-53	53-63	63-73				122 2582 1080 +0°
	+ = Design (6) right, (7) left ° = Size (1 – 3)							
HINGE	SIZE	SHORT	LONG					ORDER NO.
	Height (cm)	< 170 cm	> 170 cm					122 2584 100# 000
	# = Design (1) short, (2) long							on Gait Biomechanics,
experts.bai	uerfeind.com/coxatrain				*	d to Moderate F 3775. doi: 10.33		

## SofTec® Coxa

### Increased stabilization and guidance of the hip joint





Monocentric hinge for abduction / adduction and flexion/extension



Three-part plastic pelvic harness



Height-adjustable hinge



Hinge cover



Treatment for both sides

#### **INDICATIONS**

- 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

#### BENEFITS AND MODES OF ACTION

- · The orthosis holds the ball head securely in the socket using a combination of
  - secure positioning of the pelvic frame on the iliac crests
  - for individual adjustment of the thigh harness on the sides
  - for adapting the orthosis hinge to suit the indication
- · The multi-dimensional, monocentric hinge allows for treatment in the adduction or abduction position as required and limits extension and flexion
- · Restricted, guided movement safeguards the outcome of surgery
- The anatomically shaped pelvic frame that is integrated into the knitted fabric guarantees that the orthosis can be positioned easily and correctly
- · The knitted fabric sections and the tensioning straps on the pelvic frame and thigh harness can be trimmed to fit
- Perfect guidance of the hip joint and anatomically correct fit thanks to monocentric orthosis hinge

#### APPLICATION INSTRUCTIONS

- Can be adjusted individually and parallel to the hip's pivot point
- The extension and flexion of the hinge can be restricted in 10° increments from -10° to +90°

- · Adduction and abduction can be adjusted continuously between -6° and +6°
- The hinge is available in offset and straight versions and can be used for either the right or left hip
- Use on both sides possible (ordering an extension set for double-sided treatment)
- The orthosis can be adapted directly at the hospital bed, even if the patient is lying down

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Digital measurement

#### **ORDERING OPTIONS**

Colors: titan

#### **Designs:**

Offset hinge / straight hinge, identical versions for right and left

#### Spare parts / additional features:

see page 120 and price list

122 252# 0080 00°

SIZE 3 ORDER NO. 75-95

115 – 135

# = Design (4) Offset hinge (for women), (5) straight hinge (for men)

95 – 115

 $^{\circ} = Size (1 - 3)$ 



Trunk circumference (cm)

## **MyoTrain**<sup>®</sup>

Adjustable compression for the treatment of thigh muscle injuries





Optional: Functional pad and small acute pad

#### **INDICATIONS**

- Muscle hardening
- Muscle strains
- Muscle bruising (thigh knock)
- Muscle fiber tears
- · Tears in bundles of muscle fiber, for example the rear thigh muscles (hamstrings)
- Injuries to the fascia lata
- Post-traumatic, post-operative irritation
- Prevention / recurrence prevention

#### BENEFITS AND MODES OF ACTION

- Works according to the principles of muscle suspension bands with compression in the injured area
- Regulation of compression using Velcro strap system and two freely placeable pads
- Targeted effect thanks to acute pad straight after injury to inhibit bleeding and limit hematoma
- Extensive compression thanks to large functional pad, minimizing swelling and
- · Maximum wearing comfort and a secure fit thanks to anatomical knitted fabric as well as siliconized and pressure-reduced edges
- Regulates muscle tone and prevents recurring injuries

#### THE ADVANTAGES OF **BAUERFEIND**

+ Easy to handle

#### **ORDERING OPTIONS**

Colors: titan

**Versions:** identical versions for right and left

SIZE	1	2	3	4	5	6	7	ORDER NO.
Circumference top (cm)	44 – 48	48-52	52-56	56-60	60-64	64-68	68-72	- 110 3250 0080 00°

38 - 41

41 - 44

44 - 47

47 - 50

50 - 53

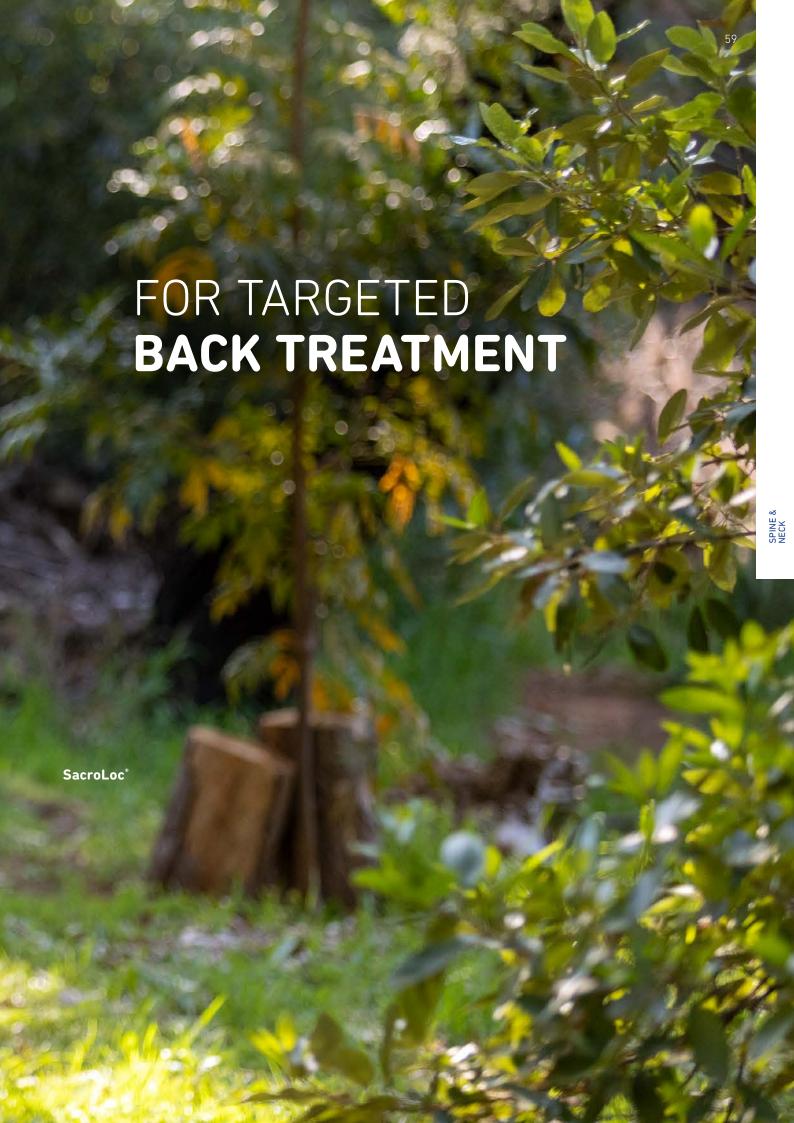
35 - 38





Circumference bottom (cm) 32 – 35





### INDICATION GUIDE FOR THE SPINE AND NECK

PRODUCT		LumboTrain*/ Lady	SacroLoc*	LordoLoc°	LumboLoc°	LumboLoc° Forte	Spinova* Stabi Classic	Spinova* Support Plus Classic	Spinova <sup>*</sup> Support Plus	Spinova <sup>*</sup> Unload Classic
			4			TI				(1)
PRODUCT FEATURE	:	Activation, relief and stabilization of the lumbar spine	Stabilization of the pelvis and targeted relief of the sacroiliac joints	Stabilization and relief of the lumbar spine using tensioning straps	Stabilization and relief of the lumbar spine	Increased stabilization and relief of the lumbar spine using an adjustable strap system	Moderate stabilization of the lumbar spine using corset stays	Moderate support of natural lumbar lordosis using an anatomically shaped back pad	Stabilization of the lumbar spine with an anatomically contoured back pad	Moderate lordosis reduction and relief of the lumbar spine using a removable bridging frame
FUNCTIONAL ELEM	ENT		db			optional		removable	removable	removable
PAGE NUMBER		64	66	68	69	71	78	79	80	81
INDICATIONS										
Low back pain (acute and cl	hronic)	•		•	•					
(Pseudo) radicular lumbar syndrome / lumbosciatica with muscular deficiencies	moderate					•	•	•	•	•
in cases of intervertebral disk protrusions	severe									
Degeneration / muscular	mild	•								
insufficiency of the spine	moderate severe			•	•	•		•	•	
Condition following herniati (non-surgical)		•					•	•	•	
Condition following discector herniation (post-operative)	my,	•				•	•	•	•	•
Facet syndrome / osteoarthritis	moderate moderate				•	•	•	•	•	•
Lumbar deformities						•			•	
Ligamento-tendomyopathie	·S					•				
	Grade I					•	•			•
Spondylolysis / spondylolisthesis	Grade II							•	•	•
	Grade III									
Spinal fusion / kyphoplasty (post-operative)								•	•	
Spinal canal stenosis								•	•	•
Foraminal stenosis										
Osteoporosis	pritic							•	•	
SI joint syndrome, osteoarth instability, blockage Pelvic girdle instability, e.g.			•							
rupture and loosening	o, mpny313		•							
Myalgia, tendinopathy in the			•							
Structural disturbance follow	ing spinal fu	usion (L5/S1)	•							
Non-surgical treatment following pelvic fractures			•					_		
Vertebral Anterior edge fractures Posterior edge								•	•	•
Osteochondrosis										
Tumors (metastases)										
Vertebral fractures (lumbar	spine)									
Kyphosis										
Pain in the cervical spine	moderate									
Whinlash / blockses	severe									
Whiplash / blockage										

Spinova° Unload Plus	Spinova° Immo Plus Classic	Spinova° Immo Plus	Spinova° Immo	SecuTec° Dorso	SecuTec° Lumbo	SofTec° Lumbo	Spinova° Osteo	SofTec° Dorso	CerviLoc*	CerviLoc* S
			4				3			
Lordosis reduction and increased relief of the lumbar spine using a removable bridging frame	Immobilization of the lumbar spine with mobilization function	Immobilization of the lumbar spine with mobilization function by means of a removable shell	Immobilization of the lumbar spine	Lordosis reduction and relief of the lumbar spine using a bridging frame and corset stays	Lordosis reduction and relief of the lumbar spine using a bridging frame	Immobilization of the lumbar spine with mobilization function by means of a removable shell	Stabilization and active straightening of the spine, with free abdomen and chest area	Increased stabilization of the thoracic and lumbar spine	Stabilization the cervical	and relief of spine
removable	removable	removable		removabl	e removable		Section of the least			
82	83	84	85	86	87	88	89	91	92	92
•	•	•		•	•	•				
	•	•			•	•	•	•		
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				-			•	•		
									•	
									•	•

# INDICATION GUIDE FOR THE SPINE

PRODUCT		Comprifix® Evolution	LumboLoc* Support	LumboLoc* Unload	LumboLoc° Immo	Spinova* Osteo ES
PRODUCT FEATURE		Stabilization and relief of the lumbar spine	Increased stabilization and relief of the lumbar spine using an adjustable strap system	Increased stabilization and relief of the lumbar spine using an adjustable strap system	Increased stabilization and relief of the lumbar spine using an adjustable strap system	Stabilization and active straightening of the spine, with free abdomen and chest area
FUNCTIONAL ELEMENT						Santa de la constanta de la co
PAGE NUMBER		70	72	73	74	90
INDICATIONS						
Low back pain (acute and chronic)		•		•		
Pseudo) radicular lumbar syndrome / lumbosciatica			•		•	
Degeneration / muscular insufficiency of the spine	moderate severe	•	•	•	•	•
Facet syndrome		•			•	
Spondylolysis /	Grade I		•		•	
spondylolisthesis	Grade II			•	•	
Ligamento-tendomyopathies			•		•	
Condition following discectomy				•	•	
Spondylitis					•	
Spinal canal stenosis					•	
Spinal fusion / kyphoplasty (post-operative)					•	
Osteochondrosis					•	
Osteoporosis						•
Vertebral fractures (lumbar spine)						•
Kyphosis						•

#### **BAUERFEIND BACK THERAPY**

### EXCELLENT TREATMENT, DEMONSTRATING EXPERTISE

**52%** 

less pain medication<sup>1</sup> (dose unit per day in a test period of three weeks compared to the control group without a support) 0%

none of the patients demonstrated signs of muscle atrophy<sup>2</sup> 13%

higher level of back muscle activity after three weeks of wearing the support<sup>2</sup> (compared to the control group without a support)



#### LORDOSIS REDUCTION **LORDOSIS STABILIZATION IMMOBILIZATION ACTIVATION ENHANCEM** SacroLoc\* ISG Page 66 LumboTrain\* LordoLoc\* LumboTrain® Lady Page 68 Page 64 LumboLoc® Forte LumboLoc\* Page 69 LumboLoc\* Unload LumboLoc\*Support LumboLoc\* Immo Page 74 Page 73 Page 72 Spinova® Spinova<sup>®</sup> Support Spinova\* Spinova<sup>®</sup> LS0 Stabi Classic Unload Classic Plus Classic Immo Plus Classic Page 78 Spinova\* Spinova\* Spinova\* **Unload Plus** Support Plus Immo Plus Page 82 Page 80 Page 84 Spinova\* Immo Page 85 SecuTec® Lumbo SecuTec<sup>®</sup> Dorso SofTec® Lumbo Page 87 Page 86 Page 88 Spinova<sup>®</sup> Osteo Spinova<sup>®</sup> Osteo ES SofTec® Dorso TLS0 Page 89 Page 90 Page 91 CerviLoc\* CO CerviLoc\* S Page 92

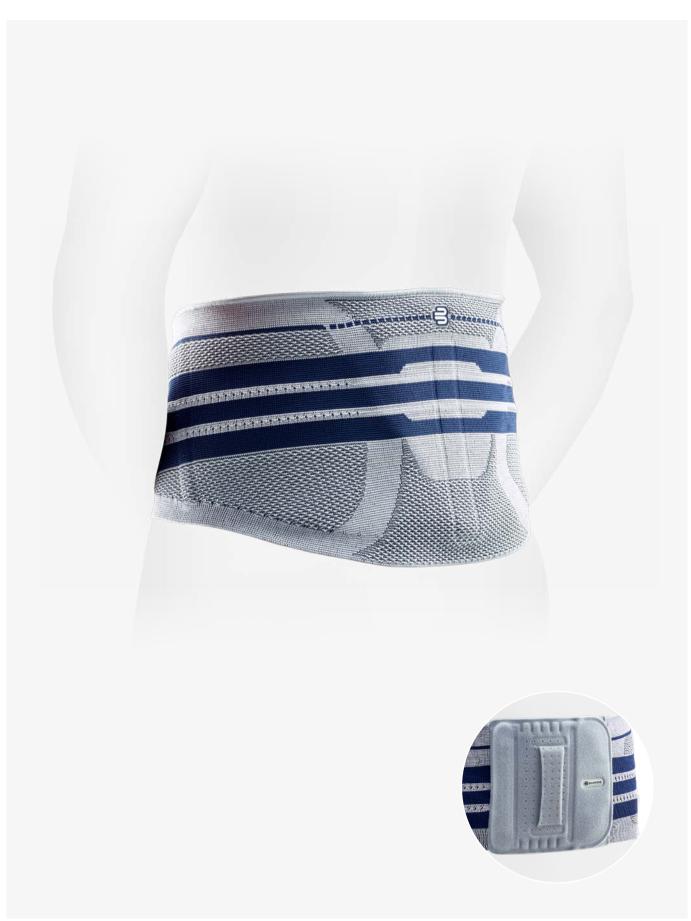
#### Source

<sup>&</sup>lt;sup>1</sup> Valle-Jones J, C, Walsh H, O'Hara J, O'Hara H, Davey N, B, Controlled trial of a back support (LumboTrain) in patients with non-specific low back pain; Curr. Med. Res. Opin.,(1992), 12, 604

<sup>2</sup> Anders, C., Hubner, A.: Influence of elastic lumbar support belts on trunk muscle function in patients with nonspecific acute lumbar back pain, PLoSONE 14(1): e0211042. https://doi.org/10.1371/journal.pone.0211042; 2019.

# LumboTrain® / Lady

Activation, relief and stabilization of the lumbar spine







Pad can be positioned individually











LumboTrain Lady (fitted cut)

### **INDICATIONS**

Pad with frictional nubs

- General pain in the lumbar spine region (acute and chronic)
- Degenerative conditions of the lumbar spine, e.g. osteochondrosis, osteoarthritis, lumbar deformities, spondylolysis without vertebral displacement
- Condition following herniation (non-surgical / post-operative)
- · Condition following discectomy

#### BENEFITS AND MODES OF ACTION

- · Targeted pain relief during movement is enabled by intermittent compression massage from the knit fabric and viscoelastic pad
- · Easy to put on with minimal effort using practical hand straps
- Stabilizes and relieves pressure in the lumbar region thanks to the straightening effect of circular compression
- LumboTrain Lady with fitted shape and high cut leg

#### APPLICATION INSTRUCTIONS

· Pad can be positioned individually as required

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: titan

Designs:

Straight / fitted cut

Spare parts / additional features:

see page 120 and price list

### STUDIES<sup>A</sup> HAVE SHOWN

- 13% higher back muscle activity - after three weeks of wear
- 69% less pain compared with the control group

SIZE	1	2	3	4	5	6	7	ORDER NO.

100-110 110-120 120-130 130-145 110 841# 5080 00° Trunk circumference (cm) 70-80 80 - 9090 - 100



Influence of elastic lumbar support belts on trunk muscle function in patients with nonspecific acute lumbar back pain PLoS ONE 14(1): e0211042. https://doi. org/10.1371/journal.pone.0211042; 2019

# SacroLoc<sup>®</sup>

Stabilization of the pelvis and targeted relief of the sacroiliac joints













ISG-Stabilization Two massage pads

Flastic mesh material with patented strap system

Individually adjustable tensioning straps

#### **INDICATIONS**

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

#### BENEFITS AND MODES OF ACTION

- · Provides immediate relief to the pelvis and sacroiliac joints thanks to circular compression using individually adjustable tensioning straps
- · Targeted friction massage of the SI joint area using dorsal pads that can be positioned precisely
- Exceptional level of wearing comfort, even when sitting – thanks to breathable mesh materials
- Deflection loops at the sides for a high level of pressure without exerting much energy
- · High level of patient compliance as the orthosis can be worn inconspicuously under
- The rigid tensioning strap system ensures circular stabilization – nutation of the sacral bone is restricted, ligaments are relieved and pain is reduced

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: titan

Spare parts / additional features:

see page 120 and price list

### APPLICATION INSTRUCTIONS

- · The suitability and use of the orthosis during pregnancy must be determined by a physician on a case-by-case basis
- · Pads can be positioned individually as required

#### STUDIES<sup>A</sup> HAVE SHOWN

- · Reduction in pain by up to 32%
- 58,3% improved upright posture felt by patients

SIZE

80 - 90

90 - 100

100 - 110

110 - 120

120 - 130

**ORDER NO.** 

120 8416 2080 00° 130 - 140



Pelvis circumference (cm) 70-80

<sup>° =</sup> Size (1 – 7)

<sup>&</sup>lt;sup>a</sup> Sichting, F., Bütner, Ch.: Effects of a Pelvic Compression Belt on Balance Control in Patients with chronic Sacroiliac Joint Pain: OrthopädieTechnik: 01.19, 18-21: 2019 Hammer et al. Pelvic Belt Effects on Health Outcomes and Functional Parameters of Patients with Sacroiliac Joint Pain, PLOS ONE | DOI:10.1371/journal.pone.0136375 August 25, 2015.

## LordoLoc®

Stabilization and relief of the lumbar spine using tensioning straps









Integrated dorsal corset stays



Elastic tensioning straps for individually adjustable compression



Fastening extension (accessory)

#### **INDICATIONS**

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

#### BENEFITS AND MODES OF ACTION

- Integrated corset stays straighten the lumbar spine
- Increased stabilization thanks to individually adjustable tensioning straps
- Unobtrusive under clothing thanks to lightweight, low-profile design
- The compressive, elastic material relieves and activates the abdominal and back muscles

## THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Digital measurement
- + Training app

#### ORDERING OPTIONS

Colors: titan

Spare parts / additional features:

see page 120 and price list

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	70 – 80	80_90	90_100	100_110	110 – 120	120 – 130	121 8500 0080 00



## **LumboLoc**®

Stabilization and relief of the lumbar spine







Stabilization and relief Integrated dorsal corset stays straighten the lumbar spine

#### **INDICATIONS**

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

#### BENEFITS AND MODES OF ACTION

- Integrated corset stays straighten the lumbar spine
- Stabilizes and relieves the lumbar spine thanks to the compressive Train knit
- Easy to put on using practical hand straps
- The perfect fit based on elastic material and adaptable corset stays

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Train knit fabric
- + Digital measurement
- + Training app

#### ORDERING OPTIONS

Colors: titan

### STUDIES<sup>A</sup> HAVE SHOWN

• On average **53 fewer painful** days per year

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	70-80	80-90	90-100	100 – 110	110 – 120	120 – 130	121 8400 3080 00°



a Roelofs et al. Lumbar Supports to Prevent Recurrent Low Back Pain among Home Care Workers Annals of Internal Medicine 2007, 147, 685-692



## **Comprifix**® **Evolution**

Stabilization and relief of the lumbar spine







Stabilization and relief

Integrated dorsal corset stays straighten the lumbar spine

#### **INDICATIONS**

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

#### BENEFITS AND MODES OF ACTION

- Integrated corset stays straighten the lumbar spine
- Stabilizes and relieves the lumbar spine thanks to the compressive Train knit
- Easy to put on using practical hand straps
- The perfect fit based on elastic material and adaptable corset stays

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Train knit fabric
- + Digital measurement

#### **ORDERING OPTIONS**

Colors: titan

#### STUDIES<sup>A</sup> HAVE SHOWN

• On average 53 fewer painful days per year

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	70 – 80	80-90	90-100	100 – 110	110 – 120	120 – 130	110 4181 0020 00°

° = Size (1 – 6)



<sup>&</sup>lt;sup>a</sup> Roelofs et al. Lumbar Supports to Prevent Recurrent Low Back Pain among Home Care Workers, Annals of Internal Medicine 2007, 147, 685-692

## LumboLoc® Forte

Increased stabilization and relief of the lumbar spine using an adjustable strap system













Energy-saving pulling system

Functional strap

Fastening extension (accessory)

Sacral pad (optional addition)

Lumbar pad (optional addition)

#### **INDICATIONS**

- · Osteoarthritis of the facet joints
- Moderate lumbosciatica with slight muscular deficiencies in cases of intervertebral disk protrusions / herniated disks
- Moderate (pseudo) radicular lumbar syndrome
- Spondylolysis/spondylolisthesis, grade 1
- Moderate lumbar deformity
- · After a herniated disk, e.g. post-operative
- · Ligamento-tendomyopathy
- Moderate degeneration / muscular insufficiency

#### STUDIES<sup>A</sup> HAVE SHOWN

- 33% less pain
- 25% increased mobility
- 89% of the patients feel a good stabilization

#### BENEFITS AND MODES OF ACTION

- · Increased stabilization thanks to individually adjustable tensioning straps
- Integrated corset stays straighten the lumbar spine
- Height-adjustable functional strap for indication-specific pressure distribution
- · Additional stabilization using pads for the lumbar area or sacral bone

#### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: titan

Optional: Indicate optional lumbar or sacral pad on prescription; must be ordered separately.

Spare parts/additional features: see page 120 and price list

### **LumboLoc Forte**

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	70-80	80-90	90-100	100 – 110	110 – 120	120-130	121 8403 0080 00°



 $^{\circ}$  = Size (1 – 6)

#### **LumboLoc Forte pads**

SIZE	ORDER NO.
Available in one universal size	121 840# 0050 001

<sup># =</sup> Design (4) sacral pad, (5) lumbar pad

<sup>&</sup>lt;sup>a</sup> Katzer, A., et al.; The effect of a lumbar orthosis on pain perception and mobility in patients suffering from lumbar back pain; Non Interventional Study, ; ORTHOCLINIC, Hamburg, 2021

## LumboLoc® Support

Increased stabilization and relief of the lumbar spine using an adjustable strap system













Corset stays

Functional strap

Abdominal pad

Lumbar pad (optional addition)

Fastening extension (accessory)

#### **INDICATIONS**

- Non-specific lower back pain (lumbago)
- Weak back / abdominal muscles (muscular insufficiency)
- Slight vertebral displacement (spondylolisthesis)
- Ligament/tendon/muscle irritation (ligamento-tendomyopathies)

#### BENEFITS AND MODES OF ACTION

- Applied force can be individually adjusted using tensioning straps
- Stabilizes the lumbar spine using integrated corset stays
- Height-adjustable functional strap for indication-specific pressure distribution
- Targeted stabilization and increased straightening using a sacral bone lumbar pad

## THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Digital measurement

#### **ORDERING OPTIONS**

Colors: titan

**Spare parts/additional features:** see pages 120, 121 and price list

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	70-80	80-90	90-100	100 – 110	110 – 120	120 – 130	121 8399 0080 00°



### LumboLoc® Unload

Increased stabilization and relief of the lumbar spine using an adjustable strap system













Corset stays

Functional strap

Abdominal pad

Back pad

Fastening extension (accessory)

### **INDICATIONS**

- Severe degeneration / muscular insufficiency
- Spondylolysis / spondylolisthesis, grade II
- Low back pain (acute and chronic)
- Discectomy

### BENEFITS AND MODES OF ACTION

- Applied force can be individually adjusted using tensioning straps
- Stabilizes the lumbar spine using integrated corset stays
- Height-adjustable functional strap for indication-specific pressure distribution
- Additional stabilization using a large, anatomically contoured back pad and abdominal compression using an abdominal pad

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

**Spare parts / additional features:** see pages 120, 121 and price list

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	70-80	80-90	90-100	100 – 110	110 – 120	120-130	121 8398 0080 0



### LumboLoc® Immo

Strong all-round stabilization and relief of the lumbar spine with large back pad and lateral pads











Corset stays

Functional strap

Abdominal, back and side pad

Fastening extension (accessory)

### **INDICATIONS**

- Lumbar spondylolisthesis
- Spondylolysis
- Facet syndrome
- Spondylitis
- Lumbar syndrome
- Lumbar spinal canal stenosis
- Degeneration of the spine
- Condition following discectomy
- After spinal fusion
- Condition following kyphoplasty
- Osteochondrosis

### BENEFITS AND MODES OF ACTION

- Applied force can be individually adjusted using tensioning straps
- Stabilizes the lumbar spine using integrated corset stays
- Height-adjustable functional strap for indication-specific pressure distribution
- Additional stabilization using a large, anatomically contoured back pad and abdominal compression using an abdominal pad
- Lateral pads reduce rotations and prevent lateral tilting motions

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

**Spare parts / additional features:** see pages 120, 121 and price list

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	70-80	80-90	90-100	100 – 110	110 – 120	120-130	121 8397 1080 00°



### Spinova® System

The modular Spinova system for targeted treatment in cases of lumbar spine indications

The Spinova system with six different back orthoses is an innovative product concept by Bauerfeind, designed to enhance the range of treatment options on offer for various indications relating to the lumbar spine.

The Spinova back orthoses are based on the same concept: the comfortable Spinova mesh material is the general functional element. Thanks to integrated circular corset stays, it acts like a Lindemann corset. Circular force is exerted in a way that is relevant to the treatment, using the adjustable Spinova tensioning strap system with back setting device. The Classic Line's tensioning strap system exerts moderate force.

The system is supplemented by indication-specific Spinova functional elements, such as a back or abdominal pad, bridging frame or shell.

Spinova lumbar orthoses are used to correct posture or to provide relief to the lumbar spine. They are an effective method for preventing non-physiological strain on the spine and the intervertebral disks.

They can be adapted in many ways and provide the patient with unique wearing comfort and ensure easy handling.

### CLASSIC TENSIONING STRAP SYSTEM

### for mild to moderate indications

- Moderate level of pressure
- Individually adjustable compression
- Convenient and easy to put on with minimal effort

### Used in the following products:

- Spinova® Stabi Classic
- Spinova® Support Plus Classic
- Spinova® Unload Classic
- Spinova® Immo Plus Classic



## ADJUSTABLE TENSIONING STRAP SYSTEM

#### for moderate to severe indications

- Perfect stability thanks to targeted pressure distribution
- Indication-specific adjustment
- Direction and intensity can be adapted
- Can be safely reproduced by patient

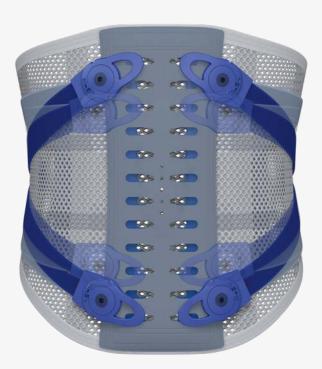
### Used in the following products:

- Spinova® Support Plus
- Spinova® Unload Plus
- Spinova® Immo Plus
- Spinova® Immo



### Spinova® system





Adjustable tensioning strap system, rear view







Lordosis enhancement

### **GENERAL FUNCTIONAL ELEMENTS SPINOVA SYSTEM**



Integrated circular corset stays corresponding to Lindemann corset/corset based on a grid of stays



Elastic Spinova mesh material, anatomically contoured, highly breathable



Anatomically shaped abdominal fastening with micro Velcro and finger pockets for easy donning and doffing

### **FUNCTIONAL ELEMENT: CLASSIC TENSIONING STRAP SYSTEM**



Classic Velcro straps that can be individually tightened provide the lumbar spine with moderate stabilization

### **FUNCTIONAL ELEMENTS: ADJUST-ABLE TENSIONING STRAP SYSTEM**



Adaptable back setting device stabilizes and corrects the area from the sacral bone to the lower thoracic spine



The back setting device positioned parallel to the spine bridges spinous processes; no pressure on the wound



Individually heightadjustable tensioning straps ensure indicationspecific pressure distribution



Strong, defined tension for stabilization, thanks to adjustable torque level in the strap closure



Patented Spinova tensioning strap system ensures tensile force from three directions



Consistent therapeutic circumferential pressure, thanks to adjustable consistent strap tension and buckle fastening

## INDICATION-SPECIFIC MULTI-STAGE TREATMENT CONCEPT

The modular design of the Spinova lumbar orthoses allows individual treatment by adding or removing indication-specific functional elements in accordance with a two-stage treatment regime.

### INDICATION-SPECIFIC FUNCTIONAL ELEMENTS

CAN BE ADDED OR REMOVED

### **Bridging Frame**



- Anatomically self-adjusting, pivoting cross stays
- Easily malleable, heightadjustable aluminum stays

#### **Pads**



- Back pad ensures extensive bridging and support for lumbar lordosis
- Abdominal pad offers increased compression of the abdomen

### Shell system





- Individually adjustable thanks to shell sections that can be moved in relation to each other
- Shell can be removed without tools by loosening the elastic bands and knurled screw
- Can be used immediately thanks to preset shell circumference
- Less adjustment required, thanks to two shell sizes (short: 33 cm, standard: 38 cm)

### TWO-STAGE TREATMENT CONCEPT

### 1st stage: stabilization phase

For the effective post-operative or initially conservative correction of segments, the orthosis is used together with the indication-specific functional elements (shell/bridging frame/pads).

### 2nd stage: mobilization phase

When the patient becomes more mobile, the indication-specific functional elements are removed. The corset stays that remain in the orthosis provide external support.

Elements can be added to the orthosis again at any time, if required, to suit the patient's stabilization needs.



### Spinova® Stabi Classic

Moderate stabilization of the lumbar spine using corset stays









Finger pockets on the abdominal

### **INDICATIONS**

- · Osteoarthritis of the facet joints
- Moderate (pseudo) radicular lumbar syndrome
- Moderate lumbosciatica with slight deficiencies in cases of intervertebral disk protrusions/herniated disks
- Condition following herniation (non-surgical / post-operative)
- Condition following discectomy
- Spondylolisthesis, grade I

### BENEFITS AND MODES OF ACTION

- Moderately stabilizes and straightens the lumbar spine thanks to integrated circular corset stays
- The supportive effect extends as far as the lower thoracic spine
- Easy to put on using large finger pockets on the abdominal fastening
- The perfect fit, thanks to adaptable aluminum stays
- The length of the tensioning straps can be individually adjusted

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Digital measurement
- + Training app

#### **ORDERING OPTIONS**

Colors: titan

**Spare parts / additional features:** see page 122 and price list

 SIZE
 1
 2
 3
 4
 5
 6
 ORDER NO.

 Trunk circumference (cm)
 70-80
 80-90
 90-105
 105-115
 115-125
 125-140
 122 8561 1000 00°



# Spinova® Support Plus Classic

Moderate support of natural lumbar lordosis using an anatomically shaped back pad









Finger pockets on the abdominal



Removable back pad



Abdominal pad



Lordosis enhancement

### **INDICATIONS**

- Stable vertebral fractures (lumbar spine) with vertebral body damage – relieving the anterior edges of vertebrae
- Moderate degeneration / muscular insufficiency of the spine
- Moderate lumbosciatica with muscular deficiencies in cases of intervertebral disk protrusions / herniated disks
- Facet syndrome
- Moderate (pseudo) radicular lumbar syndrome
- Lumbar spinal canal stenosis (non-surgical, post-operative)
- Spondylolysis / spondylolisthesis, grade II
- Condition after herniation (conservative / post-operative)
- Condition following discectomy
- Condition following spinal fusion/ kyphoplasty (oneor more levels)
- Osteoporosis

### BENEFITS AND MODES OF ACTION

- Integrated circular corset stays ensure stabilization and straightening
- Abdominal pad for increased compression of the abdomen to straighten the spine
- Supports natural lumbar lordosis using an anatomically shaped back pad

### THE ADVANTAGES OF BAUERFEIND

- + Gentle on the skin and breathable
- + Multi-stage treatment

### **ORDERING OPTIONS**

Colors: titan

Spare parts/additional features:

see page 122 and price list

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	70 – 80	80-90	90-105	105 – 115	115 – 125	125 – 140	122 8563 1000 00°



### Spinova® Support Plus

Stabilization of the lumbar spine using an anatomically contoured back pad





Integrated circular corset stays, can be adjusted



Individually adaptable tensioning strap system ensuring regulated pressure distribution



Removable back pad



Abdominal pad



Lordosis enhancement

### **INDICATIONS**

- Vertebral fractures (lumbar spine) with vertebral body damage relief of the anterior vertebral edges
- Spondylolysis/spondylolisthesis, grade II
- Moderate lumbosciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / herniated disks
- · Lumbar spinal canal stenosis, also with paresis (non-surgical, post-operative)
- Moderate (pseudo) radicular lumbar syndrome
- Severe degeneration / muscular insufficiency
- Condition following herniation (post-operative / non-surgical)
- Condition following discectomy
- Condition following spinal fusion / kyphoplasty (one or more levels)
- Osteoporosis

### STUDIES<sup>A</sup> HAVE SHOWN

· Good patient compliance and great sense of stability

### BENEFITS AND MODES OF ACTION

- Integrated circular corset stays ensure stabilization and straightening
- Individually adaptable tensioning strap system ensuring regulated pressure distribution
- Greater straightening thanks to increased abdominal pressure exerted by the abdominal pad
- · Supports natural lumbar lordosis using a large, anatomically contoured back pad

### THE ADVANTAGES OF **BAUERFEIND**

- + Multi-stage treatment
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: short, standard

• short: body height < 170 cm

• standard: body height > 170 cm

Spare parts/additional features: see page 122 and price list

ORDER NO.

+ = Design (0) standard, (1) short  $^{\circ}$  = Size (1 - 7)

Trunk circumference (cm) 70-80 80 - 90100-110 110-120 120-130 130-140 122 8542 100+ 00°





<sup>a</sup> Rommelspacher, Y., et al.; Treatment with and without stabilizing lumbar spinal orthosis after one- or two-level spondylodesis: A randomized controlled trial. Technol Health Care. 2020;28(5):541-549. doi: 10.3233/THC-191820

Spinova® Unload Classic

Moderate lordosis reduction and relief of the lumbar spine using a removable bridging frame









Removable bridging frame



Lordosis reduction

### **INDICATIONS**

- Vertebral fractures (lumbar spine) with vertebral body damage, relief of the posterior vertebral edges
- Spondylolysis / spondylolisthesis, grades I-II
- Moderate lumbosciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / herniated disks
- · Lumbar spinal canal stenosis, also with paresis (non-surgical, post-operative)
- Moderate (pseudo) radicular lumbar syndrome
- · Facet syndrome
- Condition following discectomy

### BENEFITS AND MODES OF ACTION

- Integrated circular corset stays ensure stabilization and straightening
- Corrects lumbar lordosis using a selfadjusting bridging frame
- Relieves pressure on the posterior edges of the lumbar vertebrae

### THE ADVANTAGES OF **BAUERFEIND**

- + Gentle on the skin and breathable
- + Multi-stage treatment
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: short, long

- short: body height < 170 cm
- long: body height > 170 cm

Spare parts/additional features:

see page 122 and price list

Trunk circumference (cm) 70-80

105-115 115-125 125-140

ORDER NO.

122 8562 100+ 00°





+ = Design (1) short, (2) long ° = Size (1 - 6)

## Spinova® Unload Plus

Lordosis reduction and increased relief of the lumbar spine with a removable bridging frame





Integrated circular corset stays, can be adjusted



Individually adaptable tensioning strap system ensuring regulated pressure distribution



Removable bridging frame



Abdominal pad



Lordosis reduction

### **INDICATIONS**

- Vertebral fractures (lumbar spine) with vertebral body damage – relief of the posterior vertebral edges
- Spondylolysis / spondylolisthesis, grades I – II
- Most severe lumbar deformity in cases of facet syndrome / osteoarthritis
- Most severe lumbosciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / herniated disks
- Lumbar spinal canal stenosis, also with paresis (non-surgical, post-operative)
- Most severe (pseudo) radicular lumbar syndrome
- Foraminal stenosis

### BENEFITS AND MODES OF ACTION

- Integrated circular corset stays ensure stabilization and straightening
- Corrects lumbar lordosis using a selfadjusting bridging frame
- Relieves pressure on the posterior edges of the lumbar vertebrae
- Greater straightening thanks to increased abdominal pressure exerted by the abdominal pad

### THE ADVANTAGES OF BAUERFEIND

- + Gentle on the skin and breathable
- + Multi-stage treatment
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: short, long

- short: body height < 170 cm
- long: body height > 170 cm

**Spare parts / additional features:** see page 122 and price list

SIZE 1 2 3 4 5 6 7 ORDER NO.

90 - 100

80 - 90

Trunk circumference (cm) 70-80

+ = Design (1) short, (2) long ° = Size (1 - 7)





### Spinova® Immo Plus Classic

Immobilization of the lumbar spine with mobilization function









Individually adjustable shell system



Abdominal pad



Immobilization

### **INDICATIONS**

- Stable vertebral fractures (lumbar spine) with vertebral body damage
- Relieving the anterior and/or posterior edges of vertebrae
- · Most severe lumbosciatica with muscular deficiencies in cases of intervertebral disk protrusions / herniated disks
- · Lumbar spinal canal stenosis, also with paresis (non-surgical, post-operative)
- Tumors (metastases)
- Severe degeneration / muscular insufficiency of the spine
- Spondylolysis/spondylolisthesis, grades II-III
- Facet syndrome/spondylitis
- Most severe (pseudo) radicular lumbar syndrome
- · Foraminal stenosis
- Condition following herniation (non-surgical/post-operative)
- Condition following discectomy
- Condition following spinal fusion / kyphoplasty (one or more levels)
- Osteochondrosis

### BENEFITS AND MODES OF ACTION

- The lumbar spine is stabilized, relieved and its movement limited using a shell frame for the torso combined with a circular pelvic
- · Individual adjustment and the perfect fit thanks to two-part shell system
- Greater relief of the spine thanks to increased abdominal pressure exerted by the abdominal pad
- Integrated spring steel stays provide additional stabilization and straighten the

### THE ADVANTAGES OF **BAUERFEIND**

- + Gentle on the skin and breathable
- + Multi-stage treatment

### **ORDERING OPTIONS**

Colors: titan

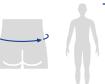
Designs: short, standard

- short: body height < 170 cm
- standard: body height > 170 cm

Spare parts/additional features: see page 122 and price list

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	70 – 80	80-90	90-105	105 – 115	115 – 125	125 – 140	122 8564 100+ 00°





### Spinova® Immo Plus

Immobilization of the lumbar spine with mobilization function by means of a removable shell





Integrated circular corset stays, can be adjusted



Individually adaptable tensioning strap system ensuring regulated pressure distribution



Individually adjustable shell system in two sizes



Abdominal pad



Immobilization

#### **INDICATIONS**

- Vertebral fractures (lumbar spine) with significant vertebral body damage - relief of the anterior and / or posterior vertebral edges
- Tumors (metastases)
- Condition following spinal fusion (one or more levels)
- Most severe (pseudo) radicular lumbar syndrome
- Most severe lumbosciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / herniated disks
- · Lumbar spinal canal stenosis with paresis (non-surgical, postoperative)
- · Foraminal stenosis
- Osteochondrosis
- Severe degeneration / muscular insufficiency
- · Severe lumbar deformity in cases of facet syndrome / osteoarthritis
- Condition following herniation (non-surgical / post-operative)
- · Condition following discectomy
- Spondylolysis/spondylolisthesis, grades I-III

### BENEFITS AND MODES OF ACTION

- · The lumbar spine is stabilized, relieved and its movement limited using a shell surrounding the torso combined with a circular pelvic frame
- · Individual adjustment and the perfect fit thanks to two-part shell system
- · Together with the shell, the Spinova tensioning strap system forms a single functional unit; circumferential forces can be applied individually and to suit the indication
- Greater relief of the spine thanks to increased abdominal pressure exerted by the abdominal pad
- Integrated corset stays provide additional stabilization and straighten the spine

### THE ADVANTAGES OF **BAUFRFFIND**

- + Gentle on the skin and breathable
- + Multi-stage treatment
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: short, standard

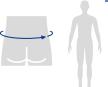
- short: body height < 170 cm
- standard: body height > 170 cm

Spare parts/additional features: see page 122 and price list

SIZE 1 2 3 4 5 6 7 ORDER NO.	SIZE	1	2 3	3 4		5 6	5	7	ORDER NO.
------------------------------	------	---	-----	-----	--	-----	---	---	-----------

Trunk circumference (cm) 70-80 80 - 9090 - 100100-110 110-120 120-130 130-140 122 8541 100+00°





## Spinova® Immo

Immobilization of the lumbar spine









Individually adaptable tensioning strap system ensuring regulated pressure distribution



Immobilization

### **INDICATIONS**

- Immobilization of the lumbar spine (pre-operative, post-operative, post-traumatic, inflammatory conditions)
- Non-surgical treatment of simple and stable fractures

### BENEFITS AND MODES OF ACTION

- The lumbar spine is stabilized, relieved and its movement limited using a shell surrounding the torso combined with a circular pelvic frame
- Individual adjustment and the perfect fit thanks to two-part shell system
- Together with the shell, the Spinova tensioning strap system forms a single functional unit; circumferential forces can be applied individually and to suit the indication

### THE ADVANTAGES OF BAUERFEIND

+ Digital measurement

### **ORDERING OPTIONS**

Colors: titan

**Spare parts / additional features:** see page 122 and price list

SIZE	1	2	3	4	5	6	7	ORDER NO.
Trunk circumference (cm)	70-80	80-90	90-100	100 – 110	110 – 120	120 – 130	130 – 140	122 8540 1000 00



### SecuTec® Dorso

Lordosis reduction and relief of the lumbar spine using a bridging frame and corset stays









Anatomically shaped corset stays



Integrated grid system



Fastening extension (accessory)

### **INDICATIONS**

- Spondylolisthesis (with recurring lumbosciatica), grades I-III
- Condition following herniation (e.g. post-operative)
- Condition following discectomy
- Vertebral fractures (lumbar spine) with vertebral body damage
- Osteoporosis
- Moderate to severe lumbosciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / herniated disks
- Severe (pseudo) radicular lumbar syndrome
- Moderate to severe lumbar deformity in cases of facet syndrome / osteoarthritis
- Lumbar spinal canal stenosis

### BENEFITS AND MODES OF ACTION

- Relieves and straightens the lumbar spine thanks to the combination of corset stays, anatomically contoured knitted fabric and tensioning straps
- Bridging frame ensures lordosis reduction

### THE ADVANTAGES OF BAUERFEIND

+ Easy to handle

#### **ORDERING OPTIONS**

Colors: titan

Spare parts/additional features:

see page 120 and price list

SIZE	1	2	3	4	5	6	ORDER NO.
Trunk circumference (cm)	75-85	85-95	95-105	105 – 115	115 – 125	125 – 135	121 8474 0080 00°



### SecuTec® Lumbo

Lordosis reduction and relief of the lumbar spine using a bridging frame











Removable bridging frame

Abdominal pad

### **INDICATIONS**

- Most severe lumbosciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / herniated disks
- 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 stenosis
- Moderate to severe degeneration / muscular insufficiency
- Vertebral fractures (lumbar spine) with vertebral body damage
- · Condition following herniation, e.g. post-operative
- Condition following discectomy

### BENEFITS AND MODES OF ACTION

- · Lordosis-reducing effect thanks to the combination of removable bridging frame, anatomically contoured knitted fabric and tensioning straps
- Greater straightening thanks to increased abdominal pressure exerted by the abdominal pad

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: short, long

• short: body height < 170 cm

• long: body height > 170 cm

Spare parts/additional features: see pages 120, 121 and price list

SIZE	1	2	3	4	5	6	ORDER NO.

+ = Design (1) short, (2) long ° = Size (1 – 6)

Trunk circumference (cm) 70-80 80 - 9090-100 100-110 110-120 120-130 121 8460 108+ 00°





### SofTec® Lumbo

Immobilization of the lumbar spine with mobilization function by means of a removable shell





Short version of half-shell



Long version of half-shell



LPT strap system that requires



Abdominal pad



Fastening extensions (accessories)

### **INDICATIONS**

- Spondylolysis / spondylolisthesis, grades II – III
- Most severe lumbosciatica with muscular deficiencies in cases of significant intervertebral disk protrusions / herniated disks
- Most severe (pseudo) radicular lumbar syndrome
- · Degenerative facet syndrome
- · Condition following herniation, e.g. post-operative
- · Condition following discectomy
- · Condition following spinal fusion/kyphoplasty (one or more levels)
- Lumbar spinal canal stenosis
- Vertebral fractures (lumbar spine) with vertebral body damage
- Tumors (metastases)
- Severe degeneration / muscular insufficiency

### BENEFITS AND MODES OF ACTION

- Stabilization of the lumbar spine: different degrees of stabilization can be achieved with the targeted combination of different orthosis modules (knitted fabric, two grades of CFRP stays, half-shell)
- · Convenient for the patient to put on with minimal effort
- High level of wearing comfort
- Greater relief of the spine thanks to increased abdominal pressure exerted by the abdominal pad

### THE ADVANTAGES OF **BAUERFEIND**

- + Multi-stage treatment
- + Digital measurement

### **ORDERING OPTIONS**

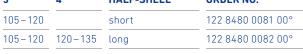
Colors: titan

Designs: short, long, two heights

- · Dorsal height of the plastic halfshell: short 29 cm, long 35 cm
- Stabilization: short L5-S1, long L3-S1
- short: body height < 170 cm
- long: body height > 170 cm

Spare parts/additional features: see pages 120, 121 and price list

SIZE	1	2	3	4	HALF-SHELL	ORDER NO.
11:		90-105			short	122 8480 00
Hip circumference (cm)						





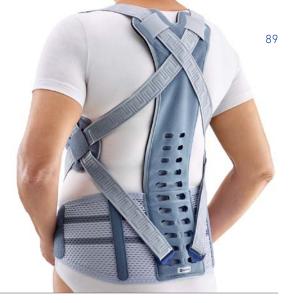


75 - 90

90 - 105

### Spinova® Osteo

Stabilization and active straightening of the spine, with free abdomen and chest area













Free chest and abdominal area

Pelvic support

Reclinator

Strap system Active principle

### **INDICATIONS**

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

- Stable, osteoporotic vertebral fractures
- Osteoporosis, osteopenia
- · Painful hunched back
- Muscular insufficiency

### BENEFITS AND MODES OF ACTION

- Increased sense of stability thanks to padded crossed straps at the sides with a reminder effect
- Straightening effect can be regulated using a special strap system which allows individual pressure distribution
- Straightens using an aluminum reclinator combined with tensioning straps and a pelvic support
- Free abdomen and chest area as well as good positional stability of the orthosis due to low-position pelvic support
- Adaptable strap system thanks to heightadjustable dorsal strap fastenings
- Donning with minimal effort using the hand straps and finger loops

### THE ADVANTAGES OF BAUERFEIND

- + Gentle on the skin and breathable
- + Tool-free fitting

### **ORDERING OPTIONS**

Colors: titan

### Optional:

If the measurements are between two sizes, choose a smaller reclinator / bigger support

Five standard sizes: S2, S3, M3, M4, L4

18 size combinations of reclinator (S-L) and support (1-6)

**Spare parts / additional features:** see page 122 and price list

### Spinova Osteo

SIZE	<b>S2</b>	<b>S</b> 3	M3	M4	L4	ORDER NO.
Length back (cm)	50-58	50-58	59-67	59-67	68-76	
Pelvis circumference (cm)	80-90	90-100	90-100	100 – 110	100 – 110	122 8568 0000 0°°
°°-number	12	13	23	24	34	



### Spinova Osteo with partially assembled reclinator

SIZE	S	М	L	ORDER NO.
Length back (cm)	50-58	59-67	68-76	122 8570 0000 00°



**Note:** Choose a smaller reclinator if you are between sizes.

### Spinova Osteo with partially assembled pelvic support

SIZE	1	2	3	4	5	6	ORDER NO.
Pelvis circumference (cm)	70-80	80-90	90-100	100 – 110	110 – 120	120-130	122 8569 0000 00°

<sup>° =</sup> Size (1 – 6) **Note:** Choose a larger pelvic support if you are between sizes.

### Spinova® Osteo ES

Stabilization of the spine, restriction of sagittal movements, and straightening of the upper body













Free chest and abdominal area

Pelvic support

Reclinator

Active principle

### **INDICATIONS**

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

- Stable, osteoporotic vertebral fractures
- Osteoporosis, osteopenia
- · Painful hunched back
- Muscular insufficiency

### BENEFITS AND MODES OF ACTION

- Increased stabilization and restriction of rotation using a form-fitting back pad
- Straightening effect can be regulated using a special strap system which allows individual pressure distribution
- Straightens using an aluminum reclinator combined with tensioning straps and a pelvic support
- Free abdomen and chest area as well as good positional stability of the orthosis due to low-position pelvic support
- Adaptable strap system thanks to heightadjustable dorsal strap fastenings
- Donning with minimal effort using the hand straps and finger loops

### THE ADVANTAGES OF BAUERFEIND

- + Gentle on the skin and breathable
- + Tool-free fitting

### **ORDERING OPTIONS**

Colors: titan

### Optional:

If the measurements are between two sizes, choose a smaller reclinator/bigger support

18 size combinations of reclinator (S-L) and support (1-6)

### Spinova Osteo ES with partially assembled reclinator

SIZE	S	М	L	ORDER NO.	
Length back (cm)	50-58	59-67	68-76	122 8574 1000 01°	

° = Size (1) S, (2) M, (3) L

**Note:** Choose a smaller reclinator if you are between sizes.

# 900

### Spinova Osteo ES with partially assembled pelvic support

SIZE	1	2	3	4	5	6	ORDER NO.
Pelvis circumference (cm)	70-80	80-90	90-100	100 – 110	110 – 120	120 – 130	122 8576 0000 00°



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



### SofTec® Dorso

Increased stabilization of the thoracic and lumbar spine











Shoulder straps

Aluminum reclinator

Integrated cross

Fastening extension (accessory)

### **INDICATIONS**

- Non-surgical treatment of simple and stable fractures (up to TH 8)
- Condition following discectomy
- Condition following spinal fusion
- Osteoporosis
- Tumors (metastases) or inflammatory processes (spondylitis)

### BENEFITS AND MODES OF ACTION

- Straightens the spine and stabilizes the upper body using an adjustable aluminum reclinator
- Restricts harmful incorrect movements
- Pressure distribution and straightening can be regulated using tensioning straps
- A stabilizing cross made of aluminum that can be fixed to the reclinator increases the straightening effect of the orthosis and provides additional restriction in the end range of motion (extension / flexion; bending to the side)

### THE ADVANTAGES OF **BAUERFEIND**

+ Digital measurement

### **ORDERING OPTIONS**

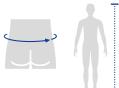
Colors: titan

Designs: short, long

- short: body height < 170 cm
- long: body height > 170 cm

Spare parts/additional features: see pages 120, 121 and price list

SIZE	1	2	3	4	ORDER NO.
Hip circumference (cm)	75-90	90-105	105-120	120 – 135	122 8490 008+ 00°



+ = Design (1) short, (2) long ° = Size (1 – 4)

### CerviLoc® | CerviLoc® S

Stabilization and relief of the cervical spine







Side view

### **INDICATIONS**

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

### CerviLoc S

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

### BENEFITS AND MODES OF ACTION

- Targeted relief of the cervical spine
- The integrated flexible plastic reinforcement of the CerviLoc S provides increased support
- Comfortable to wear thanks to soft, anatomically shaped foam with a cut-out for the chin

### APPLICATION INSTRUCTIONS

• Three different heights, each with two different circumferences, take into account individually varying neck shapes

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Digital measurement

### **ORDERING OPTIONS**

Colors: beige

SIZE	1	2	3	4	5	6	ORDER NO.
Height (cm)	6.5	8.5	10	6.5	8.5	10	120 959+ 0010 00°
Neck circumference (cm)	32-38	34-40	34-40	36-44	36-44	38-48	120 939+ 0010 00



<sup>+ =</sup> Design (0) CerviLoc, (1) CerviLoc S ° = Size (1 - 6)





# TABLE OF INDICATIONS HAND, ELBOW, AND SHOULDER TREATMENT

PRODUCT		ManuTrain°	EpiTrain*	OmoTrain*	OmoTrain*S	ManuLoc*	ManuLoc* long	ManuLoc <sup>®</sup> long Plus
							J.	
PRODUCT FEAT	TURE	Relief and stabilization of the wrist	Relief and stabilization of the elbow joint	Relief and stabilization of the shoulder joint	Relief and stabilization of the shoulder joint	Immobilization of the wrist	Immobilization of the wrist and parts of the forearm	Immobilization of the wrist, parts of the forearm and the fingers
PAGE NUMBER		98	107	109	110	99	100	101
INDICATIONS								
Irritation (post-traumatic/pos	st-operative)	•	•	•	•	•	•	•
Pre-operative care						•	•	•
Prevention / recurren	nce prevention	•	•	•	•			
Sprains		•				•	•	•
Contusions						•	•	•
Ligament instability								
Instability, e.g. radio subluxation	ulnar	•						
Osteoarthritis /	mild	•	•	•	•			
arthritis	moderate					•	•	
	severe							
Collateral ligament i at the thumb, e.g. sk	ier's thumb							
Ligament injuries in finger/hand area	the							•
Paralysis								
Tandamaninikia	mild	•						
Tendovaginitis (tenosynovitis)	moderate					•	•	
	severe							•
Canadawaaal	mild					•		
Carpal tunnel syndrome	moderate						•	
	severe							•
Tendomyopathy			•					
Lateral / medial humeral epic			•					
Rotator cuff rupture	e (complex)							
Subcapital humeral	head fracture							
SLAP lesion								
Shoulder replaceme	nt surgery							
Dislocated shoulder								
Acromioclavicular jo (AC rupture)	int injury							

RhizoLoc* OA	RhizoLoc®	ManuLoc° Rhizo	ManuLoc° Rhizo long	ManuLoc <sup>®</sup> Rhizo long Plus	OmoLoc*	SecuTec® Omo	EpiPoint <sup>®</sup>
NEW	0			A STATE OF THE STA	Car	A	
mmobilization and elief of the arpometacarpal and metacarpo- shalangeal joint of the thumb	Stabilization of the metacarpophalangeal and carpometacarpal joints of the thumb	Immobilization of the wrist, with thumb brace	Immobilization of the wrist and parts of the forearm, with thumb brace	Immobilization of the entire hand and parts of the forearm	Immobilization of the shoulder	Immobilization of the shoulder with individual arm positioning and mobilization function	Targeted relief of th tendon insertions in the elbow
102	103	104	105	106	111	112	108
•	•	• acute	•	•	•	•	
		•	•	•	•	•	
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						•	

### **ManuTrain**<sup>®</sup>

Relief and stabilization of the wrist









Support Activity level III



Anatomically contoured pad with cutout for the bone



Soft, anatomically shaped thumb



Full strap system

### **INDICATIONS**

- Chronic, post-traumatic or post-operative irritation
- · Distortions (wrist injuries, e.g. sprains)
- Osteoarthritis (joint wear)
- · Instability, e.g. radioulnar subluxation
- Tendovaginitis (tenosynovitis)
- Prevention / recurrence prevention



Link to video: **Correctly donning** the strap system

### BENEFITS AND MODES OF ACTION

- Strap system and ideal compression offered by the Train knitted fabric stabilize and activate the wrist to suit treatment
- · Viscoelastic pad provides the ulnar bony protrusion with pressure relief
- · Can be put on and taken off with minimal effort, thanks to special elasticity and reduced compression along the edges
- · Anatomically contoured thumb opening and seamless, soft comfort zone between the thumb and index finger ensure lasting wearing comfort
- Compression provided by the high-low knitted fabric that stimulates circulation ensures improved joint function

### APPLICATION INSTRUCTIONS

• Three activity levels guarantee individual treatment – from acute care to preventive use

17 – 18

18 - 19

19 - 20

### THE ADVANTAGES OF **BAUERFEIND**

- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement

#### ORDERING OPTIONS

Colors: beige, black, titan

Designs: right, left

Spare parts / additional features:

see page 124 and price list

SCOPE OF DELIVERY

Including donning aid

ORDER NO.

110 5150 40\*0 +0°

### CONFIRMED IN TEST PROCEDURE<sup>△</sup>

• Strap system stabilizes the wrist just like a conventional inner hand

5	tay			

Wrist circumference (cm)					
* = Color (1) beig	e, (7) black, (8) titan				

+ = Design (6) right, (7) left ° = Size (1 – 6)

SIZE

Bauerfeind Life Magazine 07 - 2022, full version can be found at bauerfeind-life.de

14 - 15

15 - 16

16 - 17



<sup>&</sup>lt;sup>a</sup> Kirillov, M., Testing ManuTrain – The new generation with strap system in the test laboratory;

# HAND, ELBOW & SHOULDER

### ManuLoc<sup>®</sup>

### Immobilization of the wrist









Edges finished using ultrasonic



Velcro fastening with retraction stopping device

### **INDICATIONS**

- Post-traumatic or post-operative irritation
- · Pre-operative care
- Carpal tunnel syndrome
- Tenosynovitis (moderate)
- Sprains / contusions
- Osteoarthritis (moderate)

### BENEFITS AND MODES OF ACTION

- · Securing the wrist during both extension / flexion and radial / ulnar movements, thanks to aluminum stays
- The orthosis prevents incorrect positioning of the distal and proximal parts of the wrist
- Anatomically shaped metacarpal stay stabilizes the wrist in a functional position and can be individually adjusted
- The design of the orthosis enables functional gripping movements, thus maintaining mobility
- Practical Velcro fastenings and retraction stopping devices on the straps make it easy for the patient to put on the orthosis using only one hand
- Great freedom of movement for the thumb thanks to large thumb openings on both sides – the orthosis can therefore be worn on the left and the right
- Edges finished using ultrasonic welding for increased durability and an improved look

### APPLICATION INSTRUCTIONS

· Metacarpal stay with ventilation slots and stays at the sides made of aluminum are individually shapeable

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Comfort zone
- + Tool-free fitting
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

**Designs:** identical versions for right and left (thumb openings on both sides)

SIZE	0	1	2	3	ORDER NO.
Wrist circumference (cm)	12-15	14 – 18	17 – 21	20-26	120 5340 2080 00°





### ManuLoc® long

Immobilization of the wrist and parts of the forearm











Edges finished using ultrasonic

Velcro fastening with retraction stopping device

### INDICATIONS

Metacarpal stay and

stavs on the sides

- 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)
- Sprains / contusions
- Osteoarthritis (moderate)

#### STUDIES<sup>A</sup> HAVE SHOWN

 22% improvement in functionality during everyday activities six weeks after surgery

### BENEFITS AND MODES OF ACTION

- Securing the wrist during both extension / flexion and radial / ulnar movements thanks to extended aluminum stays
- Limitation of rotational movements in the wrist thanks to the orthosis' longer lever
- The orthosis prevents incorrect positioning of the distal and proximal parts of the wrist
- Great freedom of movement for the thumb thanks to large thumb openings on both sides – the orthosis can therefore be worn on the left and the right
- Immobilization in a functional position whilst maintaining functional gripping movements, thanks to adaptable metacarpal stay
- Practical Velcro fastenings and retraction stopping devices on the straps make it easy for the patient to put on the orthosis using only one hand
- Edges finished using ultrasonic welding for increased durability and an improved look; sensitive skin in the elbow area is softly cushioned / enclosed

### APPLICATION INSTRUCTIONS

 The extended stays on the sides and the metacarpal stay with ventilation slots made of aluminum are individually shapeable

### THE ADVANTAGES OF BAUERFFIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Comfort zone
- + Tool-free fitting
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

**Designs:** identical versions for right and left (thumb openings on both sides)

**Spare parts / additional features:** see page 124 and price list

 SIZE
 0
 1
 2
 3
 ORDER NO.

 Wrist circumference (cm)
 12-15
 14-18
 17-21
 20-26
 120 5340 2082 00°





<sup>° =</sup> Size (0 – 3)

A Katzmaier, P., et al., POSTOPERATIVE THERAPIE DER DISTALEN RADIUSFRAKTUR MIT DER ORTHESE ManuLoc long, non-interventional study, MVZ medical center in Oberstdorf, 2016.

### ManuLoc® long Plus

Immobilization of the wrist, parts of the forearm and the fingers









Shapeable hand support



Side-view in functional position



Edges finished using ultrasonic welding



Velcro fastening with retraction stopping device

### **INDICATIONS**

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

### BENEFITS AND MODES OF ACTION

- Stabilizes the wrist, forearm and fingers, while the thumb remains freely moveable
- Adjustable rest positions in Intrinsic Plus position or normal position to reduce pain and prevent damage associated with immobilization
- Securing the wrist during both extension / flexion and radial / ulnar movements thanks to extended aluminum stays
- The wide finger strap relieves the ligaments and tendons while the fingers are held in position
- Great freedom of movement for the thumb thanks to large thumb openings on both sides – the orthosis can therefore be worn on the left and the right
- Practical Velcro fastenings and retraction stopping devices on the straps make it easy for the patient to put on the orthosis using only one hand
- Immobilization in a functional position thanks to shapeable metacarpal stay
- Edges finished using ultrasonic welding for increased durability and an improved look; sensitive skin in the elbow area is softly cushioned / enclosed

#### APPLICATION INSTRUCTIONS

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Comfort zone
- + Tool-free fitting
- + Multi-stage treatment
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

**Designs:** identical versions for right and left (thumb openings on both sides)

**Spare parts / additional features:** see page 124 and price list

#### AFFEICATION INSTRUCTIONS

 The extended stays on the sides and the metacarpal stay with ventilation slots made of aluminum are individually shapeable









### RhizoLoc® OA

Immobilization and relief of the carpometacarpal and metacarpophalangeal joint of the thumb











Hand symbol for orientation during donning



Soft self-adhesive wraparound thumb strap



Practical fastening



Perforated design – breathable

### **INDICATIONS**

- Osteoarthritis (e.g. osteoarthritis of first carpometacarpal joint)
- Arthritis
- Irritation (chronic, acute, post-traumatic, post-operative)
- Chronic (e.g. ligament instability, recurring joint misalignments)
- Acute / post-traumatic (e.g. excessive strain, sprains, contusions)
- Functional conditions (excessive strain, in case of recurring joint misalignments etc.)
- Post-operative (e.g. after arthroplasty)

### BENEFITS AND MODES OF ACTION

- Immobilization and relief of the carpometacarpal and metacarpophalangeal joint of the thumb
- Excellent stabilization of the thumb using two-component plastic brace
- Secure position thanks to self-adhesive, soft thumb brace
- Can also be worn in water (let draw afterwards and put on again), Tip: take off the wraparound thumb strap when doing so
- High degree of wearing comfort, thanks to rounded edges and perforation
- · Individual fitting with adjustable straps
- Easy to put on with just one hand thanks to practical fastening with eyelet

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Tool-free fitting
- + Digital measurement

#### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

SIZE

Wrist circumference (cm)

16 - 20

2

ORDER NO.

120 5333 1080 +0°

+ = Design (6) right, (7) left ° = Size (1 – 2)

Note

14 - 17

For intermediate sizes and small hands, select size 1.



### RhizoLoc®

Stabilization of the metacarpophalangeal and carpometacarpal joints of the thumb









Velcro tab for mobilization

Aluminum frame

### **INDICATIONS**

retraction stopping device

- Post-operative and post-traumatic irritation
- Collateral ligament injuries, e.g. skier's thumb
- · Osteoarthritis of the carpometacarpal joint of the thumb (mild)
- Sprains / contusions

### BENEFITS AND MODES OF ACTION

- Stabilization of the metacarpophalangeal and carpometacarpal joints of the thumb
- Excellent stabilization of the metacarpophalangeal joint of the thumb thanks to aluminum frame
- Restrictable release of movement at the metacarpophalangeal joint of the thumb (dynamization) thanks to Velcro tab
- · Practical Velcro fastenings and retraction stopping devices on the straps make it easy for the patient to put on the orthosis using only one hand
- High degree of wearing comfort based on breathable materials with air holes
- · Freedom of movement retained in the wrist thanks to the slim strap and small deflection ring

### APPLICATION INSTRUCTIONS

• Individually adaptable aluminum frame

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Comfort zone
- + Tool-free fitting

#### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

### STUDIES<sup>A</sup> HAVE SHOWN

· Pain reduction by immobilizing the carpometacarpal joint of the thumb

(up to MCP joint I) in cases of polyosteoarthritis in the fingers

SIZE 2 ORDER NO.

Wrist circumference (cm) 12.5 - 1616 - 20120 5330 1080 +0° Thumb circumference (cm) 5 - 76.5 - 9



<sup>+ =</sup> Design (6) right, (7) left ° = Size (1 – 2)

<sup>&</sup>lt;sup>4</sup> Wanivenhaus A., Die Behandlung der Fingerpolyarthrosen; Rheumatologie und Orthopädie, 1, 10–12, 2013

### ManuLoc® Rhizo

Immobilization of the wrist. with thumb brace









Individually adjustable thumb



Edges finished using ultrasonic welding



Velcro fastening with retraction stopping device

### **INDICATIONS**

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

### BENEFITS AND MODES OF ACTION

- The orthosis prevents incorrect movements of the proximal and distal parts of the wrist as well as of the metacarpophalangeal and carpometacarpal joints of the thumb
- Immobilization of the wrist thanks to shapeable aluminum stays
- Stabilization of the wrist in a functional position thanks to anatomically shaped metacarpal stay
- Practical Velcro fastenings and retraction stopping devices on the straps make it easy for the patient to put on the orthosis using only one hand
- Edges finished using ultrasonic welding for increased durability and an improved look

### APPLICATION INSTRUCTIONS

- The metacarpal stay with ventilation slots, the stays at the sides and the frame made of aluminum are individually shapeable
- Over the course of the treatment, the thumb can be increasingly allowed movement and the thumb brace can eventually be removed completely

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Comfort zone
- + Tool-free fitting
- + Multi-stage treatment
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

Spare parts / additional features:

see page 124 and price list

SIZE

12 - 15

14 - 18

17 - 21

20 - 26

**ORDER NO.** 

120 5345 0080 +0°



Wrist circumference (cm) + = Design (6) right, (7) left ° = Size (0 – 3)

### ManuLoc® Rhizo long

Immobilization of the wrist and parts of the forearm, with thumb brace













stays on the sides

Aluminum frame

Edges finished using ultrasonic welding

Velcro fastening with retraction stopping device

### **INDICATIONS**

- Post-traumatic or post-operative irritation, e.g. following treatment with a plaster cast in the case of scaphoid fractures
- Pre-operative care
- Tenosynovitis at the radial side (moderate)
- Osteoarthritis of the carpometacarpal joint of the thumb (severe)
- Sprains/contusions
- Carpal tunnel syndrome (moderate)
- Collateral ligament injuries, e.g. skier's thumb

### BENEFITS AND MODES OF ACTION

- The orthosis prevents incorrect movements of the proximal and distal parts of the wrist as well as of the metacarpophalangeal and carpometacarpal joints of the thumb
- · Limitation of rotational movements in the wrist thanks to the orthosis' longer lever
- Immobilization of the wrist thanks to shapeable aluminum stays
- · Stabilization of the wrist in a functional position thanks to anatomically shaped metacarpal stay
- Practical Velcro fastenings and retraction stopping devices on the straps make it easy for the patient to put on the orthosis using only one hand
- · Edges finished using ultrasonic welding for increased durability and an improved look; sensitive skin in the elbow area is softly cushioned / enclosed

### APPLICATION INSTRUCTIONS

- The metacarpal stay with ventilation slots, the stays at the sides and the frame made of aluminum are individually shapeable
- he thumb nent and the thumb brace can eventually be removed completely

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Comfort zone
- + Tool-free fitting
- + Multi-stage treatment
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

Spare parts / additional features:

see page 124 and price list

•	<ul> <li>Over the course of the treatment, th</li> </ul>
	can be increasingly allowed movem

SIZE Wrist circumference (cm)

12 - 15

14 - 18

17 - 21

20 - 26

ORDER NO.

120 5345 0082 +0°





+ = Design (6) right, (7) left

° = Size (0 – 3)

## ManuLoc® Rhizo long Plus

Immobilization of the entire hand and parts of the forearm









Shapeable finger support



Individually adjustable thumb



Edges finished using ultrasonic welding



Velcro fastening with retraction stopping device

#### **INDICATIONS**

- Post-traumatic care (multiple, complex injuries in the hand / finger area)
- Pre-operative and post-operative, e.g. Dupuytren's contracture, metacarpal fractures
- Fractures / injuries in the carpal area of the wrist, e.g. following surgical treatment
- Injuries of the carpometacarpal joint of the thumb and metacarpophalangeal joint
- Complex ligament injuries in the finger / hand area due to trauma
- Paralysis
- Tenosynovitis (severe)
- Sprains / contusions

### BENEFITS AND MODES OF ACTION

- Stabilizes the wrist, forearm and fingers including the thumb
- Adjustable positions to reduce pain and prevent damage due to immobilization
- Immobilization of the wrist thanks to shapeable aluminum stays
- Practical Velcro fastenings and retraction stopping devices on the straps make it easy for the patient to put on the orthosis using only one hand
- Edges finished using ultrasonic welding for increased durability and an improved look; sensitive skin in the elbow area is softly cushioned / enclosed

### **APPLICATION INSTRUCTIONS**

- 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 metacarpal stay with ventilation slots, the stays at the sides and the frame made of aluminum are individually shapeable
- The removable finger support and thumb brace aid physiotherapy and mobilization during the healing process

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Comfort zone
- + Tool-free fitting
- + Multi-stage treatment
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

Spare parts / additional features:

see page 124 and price list

SIZE	0	1	2	3	ORDER NO.
Wrist circumference (cm)	12 – 15	14 – 18	17-21	20-26	128 5347 0080 +0°

+ = Design (6) right, (7) left

 $^{\circ} = Size (0 - 3)$ 





### **EpiTrain**<sup>®</sup>

Relief and stabilization of the elbow joint













Epicon+ Pads

Epicon+ Pads on the product

Comfortable zone at the crook of

Long upper arm knit

Train knit fabrio

### **INDICATIONS**

- Post-traumatic or post-operative irritation, e.g. epicondylitis
- Osteoarthritis / arthritis (joint wear / joint inflammation)
- Tendinopathy (degenerative tendon condition)
- Tendomyopathy (muscle-tendon condition)
- Prevention / recurrence prevention

### BENEFITS AND MODES OF ACTION

- The therapeutic compression of the specially textured surface of the high-low knitted fabric combined with the Epicon+ Pads provides noticeable relief and targeted pain reduction
- The viscoelastic Epicon+ Pads with epicondyle cut-outs redistribute the support's compression away from the epicondyles to the surrounding soft tissue and allow for a secure positioning of the support
- The soft and particularly breathable comfort zone in the elbow of the anatomically designed train knit allows for a high degree of wearing comfort
- The Epicon+ Pads relieve the epicondyles and the massage nubs with a firmer material component exert a soothing intermittent compression massage on the muscle and tendon attachment sites during movement

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Comfort zone
- + Digital measurement

### **ORDERING OPTIONS**

Colors: beige, black, titan

**Versions:** identical versions for right and left

Optional: custom-made solutions in beige and titan, siliconized edge, Velcro fastening

Spare parts / additional features:

see page 124 and price list

SIZE	0	1	2	3	4	5	6	ORDER NO.
Largest forearm circumference (cm)	21 – 23	23 – 25	25-27	27 – 29	29-31	31 – 33	33-35	110 6160 40*0 00°



 $^{\circ} = Size (0 - 6)$ 





### **EpiPoint**®

Targeted relief of the tendon insertions at the elbow









Red warning section indicates excessive pressure

### **INDICATIONS**

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

### BENEFITS AND MODES OF ACTION

- Targeted relief for areas subjected to excessive strain thanks to regulated compression on the forearm
- The viscoelastic five-point pad stimulates trigger points and enables highly targeted compression
- An elastic adjustable band allows individual continuous pressure adjustment
- The adjustable band's red warning section indicates excessive pressure

### THE ADVANTAGES OF BAUERFEIND

- + Easy to handle
- + Gentle on the skin and breathable
- + Digital measurement

### **ORDERING OPTIONS**

Colors: black, titan

**Designs:** identical versions for right and left

SCOPE OF DELIVERY

Also in a container (x12)

### STUDIES<sup>A</sup> HAVE SHOWN

Up to 23% less pain

 (in patients with positive extensor grip test)

Forearm circumference (cm) 22.5 – 33 120 6350 10\*0 000



<sup>\* =</sup> Color (7) black, (8) titan

<sup>△</sup> Doctoral thesis: Struijs et al.; Frederik Hendrikplantsoen 74-2; NL-1052 XW Amsterdam

# HAND, ELBOW

# **OmoTrain®**

Relief and stabilization of the shoulder joint







### **INDICATIONS**

- Chronic, post-traumatic or post-operative irritation
- Prevention/recurrence prevention
- Osteoarthritis (joint wear)

### BENEFITS AND MODES OF ACTION

- The compressive knitted fabric and the tensile force exerted by the strap system help center the glenohumeral joint
- The viscoelastic Delta pad with frictional nubs massages the shoulder's soft tissue during movement; joint perception is improved, the absorption of edemas and effusions is accelerated and pain is reduced
- The strap system leaves the chest area free
- The Delta pad can be optionally inserted with Velcro tabs and positioned as required

# THE ADVANTAGES OF BAUERFEIND

- + Gentle on the skin and breathable
- + Train knit fabric
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

**Versions:** identical versions for

right and left

Spare parts / additional features:

see page 125 and price list

SIZE	0	1	2	3	4	5	6	ORDER NO.
Circumference (cm)	20-22	22-24	24-26	26-29	29-32	32-36	36-40	110 7170 2080 00°





# **OmoTrain®** S

Relief and stabilization of the shoulder joint







### **INDICATIONS**

- Chronic, post-traumatic or post-operative irritation
- Prevention / recurrence prevention
- Osteoarthritis (joint wear)

### BENEFITS AND MODES OF ACTION

- The compressive knitted fabric and the tensile force exerted by the strap system improve the coadaptation of the humeral head to the glenoid cavity
- The viscoelastic Delta pad with frictional nubs massages the shoulder's soft tissue during movement; this relieves pain, improves joint perception and activates the joint-stabilizing muscles
- The Delta pad can be optionally inserted with Velcro tabs and positioned as required
- The direct strap system makes it quick and easy to put on the support

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Train knit fabric
- + Digital measurement

### ORDERING OPTIONS

Colors: titan

Designs: right, left

SIZE	0	1	2	3	4	5	6	ORDER NO.
Circumference (cm)	20-22	22-24	24-26	26-29	29-32	32-36	36-40	110 7171 0080 +0°

+ = Design (6) right, (7) left ° = Size (0 - 6)



# HAND, ELBOW & SHOULDER

# **OmoLoc**®

### Immobilization of the shoulder











Soft, padded tabs

Fastening with finger pocket

Wide hand/arm loops provide extensive support for the arm

Optional: Shoulder strap

### **INDICATIONS**

- Immobilization, e.g. after shoulder surgery
- · Post-operative, post-traumatic, pre-operative care
- · Dislocated shoulder

### BENEFITS AND MODES OF ACTION

- Immobilization of the shoulder joint in a 0° abduction position (rotated inward), e.g. to maintain the surgical outcome
- The forearm is fixed at the required flexion angle of 90-100°, which can relieve pain
- Three arm loops that can be positioned individually provide a secure and perfect fit
- · Secure adjustment according to different situations using the abdominal fastening with tensioning strap system
- More hygienic thanks to the design of the orthosis
- No shoulder strap required; this avoids incorrect posture and the related tension that occurs in the healthy shoulder; the shoulder strap is still available as a spare part

### APPLICATION INSTRUCTIONS

• Fixation of the forearm in the medically correct position for treatment – 90 – 100°

### THE ADVANTAGES OF **BAUERFEIND**

- + Easy to handle
- + Gentle on the skin and breathable
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

120 7360 1120 +0°

Optional: Shoulder strap

Spare parts / additional features: see page 125 and price list

SIZE ORDER NO. 100 - 130

up to 100

Trunk circumference (cm) + = Design (6) right, (7) left

° = Size (1 – 2)



# SecuTec® Omo

Immobilization of the shoulder with individual arm positioning and mobilization function









Rotation

### **INDICATIONS**

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

### BENEFITS AND MODES OF ACTION

- Immobilization of the shoulder joint with freely adjustable abduction position to relieve the tendons
- Pain reduction through restriction
- Mobilization by allowing inward or outward rotation at the push of a button
- The height of the arm support can be adjusted to the length of the patient's arm; the angle of inclination is adjusted automatically
- Relief of the hand using an extendible hand support
- Secure and individual adjustment using an abdominal fastening with tensioning strap system
- Enabling rotation provides relief and increases wearing comfort during the night; This should only be done upon consultation with a physician
- No shoulder strap required; this avoids incorrect posture and the related tension that occurs in the healthy shoulder; the shoulder strap is still available as a spare part

### APPLICATION INSTRUCTIONS

- Can be adjusted in two planes
- The abduction angle can be individually adjusted up to 60°
- inward and outward rotation can be regulated at the touch of a button
- The angle of the pelvic frame can be adjusted to ensure that the orthosis fits the patient's body shape
- No shoulder strap required because the patient's arm can be supported on the pelvic frame

# THE ADVANTAGES OF BAUERFEIND

- + Gentle on the skin and breathable
- + Digital measurement

### **ORDERING OPTIONS**

Colors: titan

Designs: right, left

**Optional:** Shoulder strap

**Spare parts / additional features:** see page 125 and price list

SIZE

Trunk circumference (cm) + = Design (6) right, (7) left UNIVERSAL

70-140

ORDER NO.

121 7505 0120 +01







**FEATURES** 

# TREATMENT AREA: FOOT AND ANKLE



DES	SCRIPTION	ITEM NO.
01	Heel cushion (for support sizes 1 – 2)	119 1108 0000 001
02	Heel cushion (for support sizes 3 – 6)	119 1108 0000 002

<sup>+ =</sup> Design (6) right, (7) left



### AirLoc®

DES	CRIPTION	ITEM NO.
01	Inflation bulb for previous product version	129 4684 0070 000



### MalleoLoc® L

DES	CRIPTION	SIZE	ITEM NO.
01	Strap set	universal	129 1328 1000 +00
02	Cushion	universal	129 1329 1000 +00
03	Pad		129 1332 1000 000

<sup>+ =</sup> Design (6) right, (7) left







### MalleoLoc® L3

DESCRIPTION	SIZE	ITEM NO.
01 Strap set	universal	129 1328 1000 +00
D : (/) : 1: (7) 1: (1		

+ = Design (6) right, (7) left



### MalleoLoc®

DES	CRIPTION	SIZE°	ITEM NO.
01	Strap, proximal	universal	129 1318 3123 +00
02	Strap, distal	universal	129 1318 3124 000
03	Buckle		129 1309 3120 000
04	Strap set without buckle cushion	universal	129 1302 3080 +00
05	Strap set with buckle cushion	1 – 2	129 1302 3080 +0°
06	Orthometer / goniometer		121 4674 0030 000

<sup>+ =</sup> Design (6) right, (7) left



## **ValguLoc**®

DES	SCRIPTION	SIZE°	ITEM NO.
01	Strap set	1-3	129 1322 0000 +0°

+ = Design (6) right, (7) left



# PARE PARTS, ACCESSORI A ADDITIONAL FEATURES

### ValguLoc<sup>®</sup> II

DESCRIPTION	SIZE	ITEM NO.
01 Strap set	universal	129 1322 0000 000



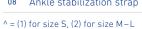
# **Donning aid**

DE	ESCRIPTION	ITEM NO.
01	1 Donning aid for supports	140 0222 0050 000



### **Xtern summit / frontier**

DES	CRIPTION	SIZE	ITEM NO.
01	Shoe attachment clip (set of 5)		129 1359 1000 00^
02	Xtern frontier cushioning and fastener		129 1353 1000 000
03	Xtern summit cushioning and straps		129 1352 1000 00^
04	Heel stopper		129 1357 1000 000
05	Extension stopper (for Xtern frontier, size S)	30 mm	129 1354 1000 001
06	Extension stopper (for Xtern frontier, sizes S – L and Xtern summit, size S)	40 mm	129 1354 1000 002
07	Extension stopper (for Xtern frontier, sizes M – L and Xtern summit, sizes M – L)	45 mm	129 1354 1000 003
08	Ankle stabilization strap		129 1358 1000 000





# TREATMENT AREA: KNEE, THIGH AND HIP

### **GenuTrain®**

DES	CRIPTION	COLOR	ITEM NO.
01	Silicone dotted band (5 cm wide, 1 m long)	titan	119 4123 0000 000



### GenuTrain® S

DES	CRIPTION	SIZE	ITEM NO.
01	Strap set (for support sizes 1 – 2)	1	129 4132 30*0 001
02	Strap set (for support sizes 3 – 4)	2	129 4132 30*0 002
03	Strap set (for support sizes 5 – 7)	3	129 4132 30*0 003
04	Joint stays	universal	129 4131 30*0 +00

<sup>\* =</sup> Color (1) beige, (7) black, (8) titan





<sup>+ =</sup> Design (6) right, (7) left

### SofTec® Genu

DES	DESCRIPTION		ITEM NO.
01	Joint splints, lateral	universal	129 4602 1060 +00
02	Joint splints, medial	universal	129 4603 1060 +00
03	Joint protection (sports protection)		129 4601 1070 000
04	Limitation set (5 covering caps, 10 lock pins)		129 4607 0000 000







### SecuTec® Genu

### **FOR FRONTAL AND DORSAL**

DES	DESCRIPTION		ITEM NO.
01	Limitation blocks (2× frames + 2× E0)		129 4616 1060 000
02	Joint pouch		129 4651 1070 000
03	Joint cover with quarter turn fastening (×1)		129 4645 1000 000
04	Quick-fit fastener set (×4)		129 4654 1000 000
05	Strap cushion, siliconized (×2)		129 4698 0000 00^
06	Frame proximal	1 – 7	129 4650 1**3 +0°



### **FOR FRONTAL OR DORSAL**

DES	CRIPTION	SIZE°	ITEM NO.
01	Strap set, version frontal	1 – 7	129 4611 2070 00°
02	Strap set, version dorsal	1 – 7	129 4675 1070 00°
03	Frame cushion set, version frontal	1 – 7	129 4613 1070 +0°
04	Frame cushion set, version dorsal	1 – 7	129 4649 1070 +0°
05	Strap cushion set, version frontal		129 4617 1070 00"
06	Strap cushion set, version dorsal	1 – 7	129 4676 1070 00°
07	Tibial edge cushion (only for version frontal)		129 4652 0070 000
08	Frame distal, version frontal	1 – 7	129 4650 1**4 +0°
09	Frame distal, version dorsal	1 – 7	129 4648 1054 +0°

<sup>\*\*=</sup> Color (05) blue, (23) green



### SecuTec® Genu Flex

DES	CRIPTION	SIZE°	ITEM NO.
01	Flex-Links set (10 units)		129 4685 1050 000
02	Pad set for Flex-Modules	0-6	129 4686 1070 00°
03	Strap set	1 – 5	129 4687 1070 00°
04	Strap pads set	1-5	129 4688 1070 00°
05	Set of side pads		129 4689 1070 000
06	Limitation blocks (2× frames + 2× E0)		129 4616 1060 000
07	Joint cover with quarter turn fastening (x1)		129 4645 1000 000

 $<sup>^{\</sup>circ}$  = Size (1-5), (0) if size 1 is too big, (6) if size 5 is too small

# 07

### GenuTrain® OA

DES	CRIPTION	ITEM NO.
01	Limitation set for sizes 1 and 2	129 4166 0070 001
02	Limitation set for sizes 3 and 4	129 4166 0070 003
03	Limitation set for size 5	129 4166 0070 005



<sup>+ =</sup> Design (6) right, (7) left

<sup>\*\*=</sup> Color (05) blue, (23) green ^ = (1) for sizes 1 – 2, (3) for sizes 3 – 4, (5) for sizes 5 – 6, (7) for size 7

<sup>+ =</sup> Design (6) right, (7) left " = (1) for sizes 1 – 2, (2) for sizes 3 – 4, (3) for sizes 5 – 6, (4) for size 7

### SecuTec® OA

DES	DESCRIPTION		ITEM NO.
01	Strap set	1 – 7	129 4693 0000 00°
02	Frame cushion set (incl. gel cushion)	1 – 7	129 4694 0000 +0°
03	Strap cushion set	1 – 7	129 4695 0000 00°
04	Strap cushion, siliconized (×2)		129 4698 0000 00^
05	Frame, distal (blue)	1 – 7	129 4696 0050 +0°
06	OA joint pouch		129 4697 0000 000
07	Quick-fit fastener set (×4)		129 4654 1000 000
08	Limitation blocks (2× frames + 2× E0)		129 4616 1060 000
09	Allen key 3 mm		190 0007 0010 102
10	Joint cover with quarter turn fastening (×1)		129 4645 1000 000



### MOS-Genu

DES	CRIPTION	SIZE°	ITEM NO.		
ADD	DITIONAL PARTS				
01	Popliteal cross-strap (for sizes 1 – 2)		121 4662 4050 001		N <sup>2</sup>
02	Popliteal cross-strap (for size 3)		121 4662 4050 003	هي" س	
03	Popliteal cross-strap (for sizes 4-5)		121 4662 4050 004	V	
04	Popliteal pads	1-5	121 4661 4090 00°	01 02 03	C
05	Joint ring	1-5	121 4664 4050 +0°		
06	Spare parts set (screws)		121 4671 3000 000		
07	Covering disks (×10)		121 4673 0000 000	07	
80	Orthometer / goniometer		121 4674 0030 000	07	
SHO	ORT VERSION				
09	Frame	1-5	121 4664 405# +0°		ī
10	Cushion set	1-5	121 4665 4090 +0°	11	1
11	Strap set	1-5	121 4667 4050 00°		
LON	IG VERSION				
12	Extension frame	universal	121 4669 405# +00		
13	Strap for proximal extension frame, for sizes 1–3	1-3	121 4668 4053 00°		
14	Strap for proximal extension frame, for sizes 4-5		121 4668 4053 004		
15	Strap for distal extension frame, for sizes 1–3		121 4668 4054 001		

121 4668 4054 004

universal 121 4666 409# 000

- + = Design (6) right, (7) left # = Design (3) proximal, (4) distal

Cushion for extension frame

16 Strap for distal extension frame, for sizes 4–5

### **CoxaTrain®**

DESCRIPTION	ITEM NO.
01 Covering cap	129 2583 1000 000
02 Gluteal pad	129 2585 1000 000
03 Trochanter pads / cushions	129 2586 1000 000
04 Limitation pins (2×)	129 2587 1000 000
05 Hinge with cap, short	129 2588 1001 000
06 Hinge with cap, long	129 2588 1002 000
07 SI joint pads (2 pcs.)	119 8416 0000 000





05|06





**Note:** when treating both sides, another hinge (122 2584 100# 000), a thigh support, and a gluteal pad are also needed.

<sup>+</sup> = Design (6) right, (7) left  $^{\rm <}$  = (1) for sizes 1 – 2, (3) for sizes 3 – 4, (5) for sizes 5 – 6, (7) for size 7

### SofTec® Coxa

DES	DESCRIPTION		ITEM NO.
01	Bag of small components		129 2521 0000 000
02	Thigh support, replacement part	universal	129 2521 0080 000
03	Pelvic knitted fabric	1-3	129 2521 0080 00°
04	Hinge, straight	universal	122 2523 1080 000
05	Hinge, offset	universal	122 2522 1080 001
06	Limitation set (5 covering caps, 10 lock pins)		129 2534 0000 000
07	Hip cup with assembly set	1-3	129 2535 0000 +0°
80	Allen key 3 mm		190 0007 0010 102
09	Expansion set, offset on both sides		122 2526 0080 000
10	Expansion set, straight on both sides		122 2527 0080 000

<sup>+ =</sup> Design (6) right, (7) left



# NOTE: A complete SofTec Coxa cannot be made from these spare parts

### TREATMENT AREA: SPINE AND NECK

### **Fastening extension**

DESCRIPTION		SIZE	ITEM NO.
01	Back product fastening extension, short Can be used for the following product: SofTec Lumbo short	universal	129 8488 0082 000
02	Back product fastening extension, long Can be used for the following products: SofTec Lumbo long, SofTec Dorso long + short, SecuTec Dorso, SecuTec Lumbo, LumboLoc Forte, LumboLoc Support, LumboLoc Unload, LumboLoc Immo, LordoLoc	universal	129 8488 1081 000



### LumboTrain® | LumboTrain® Lady

DESCRIPTION		SIZE	ITEM NO.
01	Nubbed pad, incl. cover	universal	119 8412 4000 000



### LumboLoc® Forte

DESCRIPTION	SIZE	ITEM NO.
01 Sacral pad	universal	121 8404 0050 001
02 Lumbar pad	universal	121 8405 0050 001



### SacroLoc®

DES	CRIPTION	SIZE	ITEM NO.
01	SI joint pads (2 pcs.)	universal	119 8416 0000 000



### SecuTec® Dorso

DESCRIPTION	SIZE	ITEM NO.
01 CFRP frame. long	universal	12984630082000
02 Velour pouch, long		12984610082000
03 Velcro patches for frame		12984650000000







02

# SPARE PARTS, ACCESSOI & ADDITIONAL FEATURES

### SecuTec® Lumbo

DESCRIPTION		SIZE	ITEM NO.
01	CFRP frame	universal	129 8463 008#000
02	Velour pouch		1298461008#000
03	Velcro patches for frame		12984650000000
04	Abdominal pad (small)	universal	12985310000000









### SofTec® Lumbo

DESCRIPTION		SIZE°	ITEM NO.
01	Shell, short	1-3	129 8482 0031 00°
02	Shell, long	1 – 4	129 8482 0032 00°
03	CFR rods	universal	129 8483 007# 000
04	Corset stay	universal	129 8484 008# 000
05	Abdominal pad (large)	universal	129 8481 0080 000
06	Elastic band		129 8485 008# 000
07	Inner knitted fabric, short	1-3	129 8486 0081 00°
08	Inner knitted fabric, long	1 – 4	129 8486 0082 00°
09	Outer knitted fabric, short	1-3	129 8487 0081 00°
10	Outer knitted fabric, long	1 – 4	129 8487 0082 00°

<sup># =</sup> Design (1) short, (2) long

# B

















### SofTec® Dorso

DES	DESCRIPTION		ITEM NO.
01	Reclinator (with pads)	universal	129 8498 1170 000
02	Reclinator pad	universal	129 8501 1000 000
03	Set A (cross + assembly kit)		129 8493 1000 000
04	Cross		129 8499 1170 000
05	Assembly kit		129 8502 1000 000
06	Set B (2 shoulder straps + 2 pads)	universal	129 8494 0080 000
07	Shoulder strap (contents: 2 straps)	universal	129 8496 0080 000
80	Shoulder pads (contents: 2 pads)	universal	129 8497 0080 000
09	Inner knitted fabric	1 – 4	129 8492 0080 00°
10	Outer knitted fabric	1 – 4	129 8491 008# 00°

<sup># =</sup> Design (1) short, (2) long

# 01 02 03 04 04 05 05 06 07 08

# LumboLoc® Support

DESCRIPTION	ITEM NO.
01 Abdominal pad (large) 1	29 8481 0080 000

### LumboLoc® Unload

	DES	CRIPTION	SIZE	ITEM NO.
	01	Abdominal pad (large)		129 8481 0080 000
02 Bridging pad	Dridging and	standard	129 8549 0000 000	
	UZ	bridging pad	short	129 8549 0001 000

## LumboLoc® Immo

DESCRIPTION	SIZE	ITEM NO.
01 Abdominal pad (large)		129 8481 0080 000
02 Bridging pad	standard	129 8549 0000 000
	short	129 8549 0001 000











<sup># =</sup> Design (1) short, (2) long

# Spinova<sup>®</sup>

DESCR	IPTION	DESIGN	SIZE°
01	Abdominal fastening, set		
02	Base support with corset stays**		1-7
03	Fastening extension		
04	Tensioning straps, set**		1-5
05	Side clip, set (×10)		
06	Back setting device, set		
07	Shell system, set**	small	
07	Shell System, Set	large	
08	Shell cover, set**	short	1-2
00	Shell cover, set	long	1-2
09	Bridging Frame	short	
0,	Dridging Frame	long	
10	Bridging pad	standard	
10	Bridging pad	short	
11	Velcro strips for fastening the frame, set (×10)		
12	Shoulder pads, set		
13	Reclinator (without cover)	S-L	1-3
14	Immo screw set		
15	Immo Allen key		
16	Torx key for tensioning system		
17	Abdominal pad	large	
18	Torque wrench		



Stabi Classic	Support Plus Classic	Support Plus	Unload Classic	Unload Plus	Immo Plus Classic	Immo Plus	Immo	Osteo	ITEM NUMBERS
•	•	•	•	•	•	•	•		129 8545 0000 000
		•		•		•			129 8544 0000 00°
•	•	•	•	•	•	•	•		129 8565 0000 000
		•		•		•	•		129 8546 0000 00°
		•		•		•	•		129 8547 0000 000
		•		•		•	•		129 8548 0000 000
					•	•	•		129 8554 0000 001
					•	•	•		129 8554 0000 002
						•			129 8566 0001 00°
	•					•			129 8566 0002 00°
	•		•	•					129 8552 0001 000
	•		•	•					129 8552 0002 000
		•							129 8549 0000 000
		•							129 8549 0001 000
			•	•	•				129 8550 0000 000
								•	129 8571 0000 000
	•				•			•	129 8570 0000 00°
						•	•		129 8556 0000 000
						•	•		129 8557 0000 000
		•		•		•	•		129 8558 0000 000
		•		•		•			129 8481 0080 000
		•		•		•	•		129 8560 0000 000

** SIZE ALLOCATION (in cm)	70-80	80-90	90 – 100	100-110	110 – 120	120 – 130	130 – 140
Product	1	2	3	4	5	6	7
Base support	1	2	3	4	5	6	7
Tensioning straps	1	2	3	4		5	
Shell system (standard height°)		1 (small)			2 (la	arge)	
Shell cover	1 (short/long)				2 (shor	t/long)	

 $<sup>^{\</sup>circ}\,$  For patients taller than 170 cm

# **TREATMENT AREA:** HAND, ELBOW AND SHOULDER

### **ManuTrain®**

DES	CRIPTION	SIZE	ITEM NO.
01	Strap (for sizes 1 – 2)	1	119 5152 30*0 +01
02	Strap (for sizes 3 – 6)	2	119 5152 30*0 +02

<sup>\* =</sup> Color (1) beige, (5) titan, (7) black



### ManuLoc® long

DES	CRIPTION	SIZE	ITEM NO.
01	Spare straps (×4), color: titan	universal	129 5343 0080 000



### ManuLoc® long Plus

DESCRIPTION	SIZE	ITEM NO.
01 Finger support with strap, color: titan	1	129 5342 0080 00#
02 Spare straps (×4), color: titan	universal	129 5343 0080 000





### ManuLoc® Rhizo

DES	CRIPTION	SIZE°	ITEM NO.
01	Thumb attachment	0-3	129 5346 0080 +09
02	Spare straps (×4), color: titan	universal	129 5343 0080 000

+ = Design (6) right, (7) left



### ManuLoc® Rhizo long

DESCRIPTION	SIZE°	ITEM NO.
01 Thumb attachment	0-3	129 5346 0080 +0°
02 Spare straps (×4), color: titan	universal	129 5343 0080 000

+ = Design (6) right, (7) left



### ManuLoc® Rhizo long Plus

DES	CRIPTION	SIZE	ITEM NO.
01	Thumb attachment	0-3	129 5346 0080 +0°
02	Finger support with strap, color: titan	1	129 5342 0080 00#
03	Spare straps (×4), color: titan	universal	129 5343 0080 000

### **EpiTrain**®

DESCRIPTION	SIZE°	ITEM NO.
01 Strap, blue	0-6	119 6163 4080 00°





<sup>+ =</sup> Design (6) right, (7) left

<sup>+ =</sup> Design (6) right, (7) left # = Design (1) Size S, (3) Size L

# SPARE PARTS, ACCESSOR & ADDITIONAL FEATURES

### **OmoTrain**®

DESCRIPTION ITEM NO.

01 Buckle, color: gray 119 7172 0000 000

### **OmoLoc**®

DESCRIPTION		SIZE	ITEM NO.
01 Shoulder s	strap	universal	129 7506 0000 000



### SecuTec® Omo

DES	CRIPTION	SIZE	ITEM NO.
01	Cushion set and rivets	universal	129 7504 0000 000
02	Abdominal strap and fastening system	universal	129 7507 0000 000
03	Velcro strap set for arm support	universal	129 7508 0000 000
04	Small component set	universal	129 7509 0000 000
05	Hand support, cushion and rivets		129 7511 0000 +00
06	Shoulder strap	universal	129 7506 0000 000
	(1) (1) (2) (3)		

<sup>+ =</sup> Design (6) right, (7) left

When non-original Bauerfeind spare parts are used, the warranty ceases to apply to the entire product in which the spare part is used.

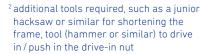


# TOOLS REQUIRED FOR BAUERFEIND ORTHOSES

KEY		Allen key			Torx		Scissors	Open-end
<ul><li>required</li><li>optional</li><li>included in the delivery</li></ul>	С			<b>.</b>			-2	wrench 16 (MOS key)
	1,5	2,5	3	15	20	40		James
CaligaLoc <sup>3</sup>							0	
Spinova Stabi Classic / Unload							0	
Spinova Support Plus/Unload Plus						•	0	
Spinova Immo / Immo Plus		•				•	0	0
Spinova Osteo							•	
SofTec Lumbo³							0	
SofTec Dorso <sup>1, 2</sup>		•					•	
GenuTrain S Pro³	•							
SecuTec Genu, partially assembled <sup>1</sup>					•			
SecuTec OA <sup>1</sup>			•					
SecuTec OA, partially assembled <sup>1</sup>			•		•			
MOS Genu <sup>1</sup>				•				•
SofTec Coxa			•				•	
CoxaTrain							0	
OmoLoc							0	
SecuTec Omo		•					•	









<sup>3</sup> (optional) hot-air gun



# **ADDITIONAL PRODUCTS**

# THE PERFECT ADDITION FOR EVERYDAY USE









### 01 Donning aid for supports

140 0222 0050 000

The donning aid, which is provided as standard and made from silicone-coated polyamide, saves time and effort when putting on Train supports for the ankle and the ManuTrain wrist support.

### 02 Mesh bag

**10 pieces in a display container:** 262 6230 0000 000 **Piece:** 262 6200 0000 000

Secure protection in the washing machine: The zip-up bag, which is made from a durable and particularly fine mesh, helps with the sorting of laundry and reliably protects your supports and compression stockings.











### 03 Detergent, 180 ml

**6** pieces in a display container: 262 4230 0000 000 Piece: 262 4200 0000 000

The detergent is an exceptionally gentle cleaner for compression products. Special active substances care for the delicate knitted fabric in everyday washing cycles, helping products to retain their shape, color, and comfortable feel.

### 04 Hygiene set for supports/orthoses

191 0006 0001 020

The best way for your customers to experience the effect of the products is to try them out personally. To protect your customers and the product during product testing, we ask you to use the liner during fitting. There is a universal version that allows you to cover all circumference sizes.

**Tip:** First pull the liner into the product and fold the upper and lower edges outward. Then pull up both at the same time.



# **CUSTOM-MADE PRODUCTS** The state of the s MASSBESTELLUNG GenuTrain® SBAUERFEIND® Umfang E Info@bauerfeind com BAUERFEIND. COM ☐ Kostenvoranschlag Länge □ Bestellung Knie titan Extras O links Hanband (+5cm zur Länge) Klettverschluss. O beige Angaben zum Patienten ... O adipos Q weiblich autoralgorichig nicht in kombination mit Hartband möglich: nicht zirkulär seinen für eine \*\* nicht in kombination mit Haltband möglich; nicht zirkulä passgenaue Anfertigung angeben gesonderheiten für eine Für falsche Maßangaben haftet der Besteller. Maßanfertigungen verden nicht zurückgenommen.

# HOW TO TAKE CORRECT MEASUREMENTS FOR OPTIMIZED TREATMENT SUCCESS

Medical aids can only be fully effective when they fit properly. This requires, for example, the exact measuring of the relevant body dimensions. That's why we have developed a range of order sheets for custom-made products. They help you to order the required Bauerfeind product quickly and easily in the design needed.

You can download the individual order sheets at any time using the following link: www.bauerfeind-group.com/en/service/downloads



# MEASURING ADVICE

Record all measurements specified on the measurement sheets – we can only ensure that the custom-made solution fits accurately if this data is complete.

Patients with a tendency toward pronounced swellings should be measured in the morning, if possible.

Indicate length markings on the skin using a kajal pencil or another skin-friendly pen to ensure reliable and reproducible circumference measurements.

If products are needed for both sides, please measure each side individually.

Do not apply tension when measuring.

After measuring, check whether all required lengths and circumferences have been recorded.

### Knee

Measurements are taken with the patient standing, with a leg position of 30°, if the physical constitution allows.

Measurements should be taken when the leg is uncovered.

If the customer has weak connective tissue, skin flaps, etc., putting on pantyhose can make measuring easier.

Measure the side of the leg from the middle of the kneecap.

Depending on the product, the required minimum circumference dimensions must be noted.

For a thigh circumference of more than 60 cm, we recommend attaching a siliconized edge on the support.

### Foot

Measurements are taken with the patient standing, if the physical constitution allows.

The foot length is measured on the outside, from the heel to the MTP joint of the little toe.



GenuTrain®

				Fax +49(0)366	28 66-1699
				(1)	
	ntifier <sub>-</sub>			☐ Quotation	
	patient name, reviation) _			□ Order	
1	1	Circumference	Length	<b>Knee</b> ☐ Right	☐ Left
		f <sup>1</sup>	e-f <sup>1</sup>	<b>Color</b> ☐ Titan	☐ Beige
$\vdash$		f	e-f	Extras  Siliconized edge	ge* (add 5 cm to the length)
$\setminus$		е		Velcro fastening*  ☐ Top**	·
		d	e-d	Patient details***  ☐ Male	Female
Г				☐ Obese	☐ Pronounced muscles
$\vdash$		b <sup>e</sup>	e-c e-b <sup>e</sup>	Age	Height
1		, b			abination with a siliconized edge; not circular ecify special anatomical features to ensure an
All n	measurements m	ust be entered to ensu	re proper treatment.		consible for ensuring that all size infor- stom-made solutions cannot be returned.
	of the knee (e). If t then the circumfe where $e-f^1$ is at le	he circumference at poir rence must be measure		Г	
f	Base of thigh (app	prox. middle of e and f <sup>1</sup> )			
е	Middle of knee				
d	Narrowest point b	pelow the knee (approx. 5	5-6 cm below the knee)		
С	(biggest) Calf circu	umference			
	lower end Length e – b <sup>e</sup> at lea (note: length e – b <sup>e</sup>	ast 12 cm standard GenuTrain = 1	3cm)	Stamp	
	ke measurements	with a slight flexion (30' red on the outside of the		Customer no.	
Th be	e distance betwe tween e-b°.	en e-f¹ should not be le	ess than the distance	Signature	
• 1† t	ne circumterence	of f <sup>1</sup> exceeds 60 cm, we r	ecommend attaching	Date	

a silicone top band.



# GenuTrain® P3

☐ short (max.	body height approx	. 170 cm)
	Circumference	Length
	f <sup>1</sup>	e-f <sup>1</sup> =18 cm
	f	e-f
	e	
	d	e-d
	С	e-c
	<b>b</b> <sup>e</sup>	e – b°= 15 cm

□ long (min. boo		
	Circumference	Length
	f¹	e-f1=22 cm
	f	e-f
	е	
	d	e-d
	С	e-c
	b <sup>e</sup>	e – b <sup>e</sup> = 17 cm

### Please note:

- Take measurements while standing, with a slight flexion (30°).
- The lengths are measured on the outside of the leg.

### Please note:

- Min. circumf. f1 = 39 cm
- Min. circumf. f = 37 cm
- Min. circumf. e = 30 cm
- Min. circumf. b<sup>e</sup> = 28 cm

Fax +49 (0) 36628 66-1699

☐ Quotation ☐ 0	Order
<b>Knee</b> ☐ Right	☐ Left
Color ☐ Titan	☐ Beige
Position of the correction  Standard (lateral)	<b>/e guide</b> ☐ Alternative option (media
Extras*  ☐ Siliconized edge (add	5 cm to the length)
Patient details**	
	☐ Female
☐ Obese	□ Pronounced muscles
Age:	Height: cm
length when measuring patie	ial anatomical features to ensure a

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 product fits correctly.

- f<sup>1</sup> Thigh / top edge of the support
- f Base of thigh (approx. midpoint between e and f1)
- e Middle of knee
- d Narrowest point below the knee, approx. 5-6 cm
- c (Largest) calf circumference
- b<sup>e</sup> Bottom edge of the support

 Stamp				
Customer no.				
Signature				
Date				



# GenuTrain® S

(e.g	entifier . patient name, previation)			_ Fax +49(0)366 _	28 66-1699
				□ Quotation	
		Circumference	Length	□ Order	
		f <sup>1</sup>	short: e – f¹ = 18 cm long: e – f¹ = 21 cm	Knee  Left	☐ Right
-		f	e-f	Short (Length of supp	port, thigh $[e-f^1] = 18$ cm)
\		е		Long	port, thigh $[e-f^1] = 21 \text{ cm}$
		d	e-d	Extras*  ☐ Siliconized edg	ne (add 5 cm to the length)
				Patient details**	
-		С	e-c	☐ Male ━	☐ Female
- 1		<b>b</b> <sup>e</sup>	e-b°=18cm	☐ Obese	☐ Pronounced muscles
t			C 5 - 10 Cm	Age	Height
	Thigh Shortversion: Measur	e the circumference 18 c	ensure the product fits cm above the middle of the knee (e).	length when measur ** Optional; please sper accurate fit of the fin  The purchaser is response.	cify special anatomical features to ensure an
f	Base of thigh	e the circumference 21 c	m above the middle of the knee (e).		
e	Middle of knee			I	
d	Narrowest point	below the knee			
С		ce: Measure the cir	cumference at least 12 cm		
b <sup>e</sup>	Measure the calf knee (e).	circumference 18 c	cm below the middle of the		
• C • T • T • S p	ake measurements with the length is measured of election of the short/loo atient. The long version	on the outside of the leg. ng version depends on the is recommended for par circumference measurer		Stamp Customer no.	
	(middle of knee): at lea (12 cm below the knee)			Signature	
				Date	



# GenuTrain® S Pro

(e.g	entifier . patient name, reviation)			_ Fax +49(0)366	528 66-1699
				□ Quotation	l
		Circumference	Length	□ Order	
		f <sup>1</sup>	short: e-f1 = 18 cm long: e-f1 = 21 cm	Knee - ☐ Left	☐ Right
-		f	e-f	_ ☐ Short (Length of sup	pport, thigh [e-f¹] = 18 cm)
1		е		□ long (Length of sup	pport, thigh $[e-f^1] = 21 \text{ cm}$
				Extras*	
		d	e-d	☐ Siliconized ed	ge (add 5 cm to the length)
ŀ				Patient details**	
		С	e-c		☐ Female
		<b>b</b> <sup>e</sup>	e-b <sup>e</sup> =18 cm	☐ Obese	☐ Pronounced muscles
Ī				Age	Height
	rectly. Thigh		ensure the product fits	length when measu ** Optional; please spr accurate fit of the fi  The purchaser is resp	ecify special anatomical features to ensure an
			cm above the middle of the knee (e).		
f	Base of thigh				
е	Middle of knee				
d	Narrowest point	below the knee			
С	Calf circumference below the middle		cumference at least 12 cm		
b <sup>e</sup>	Measure the calf knee (e).	circumference 18 d	cm below the middle of the		
• T. • T. • S. p. • T. p. f.	ustom-made solutions ake measurements with he length is measured of election of the short/lor atient. The long version	on the outside of the leg- ng version depends on the is recommended for pa- circumference measured at least 38 cm st 32.5 cm		Stamp  Customer no.   Signature	
				Date	



# MalleoTrain<sup>®</sup>

				Fax +49 (0) 36	628 66-1699
ldei	ntifier			☐ Quotatio	n
	patient name, eviation)			☐ Order	
		Circumference	Length	Foot ☐ Right	☐ Left
			1	Color	□ Deire
		b <sup>1</sup>	A-b <sup>1</sup>	☐ Titan  Extras* ☐ Velcro fasten	☐ Beige
		b	A-b	Patient details*	•
$\perp$	_///			☐ Male	☐ Female
1		h		☐ Obese	☐ Pronounced muscles
11		a	A-a	Age	_ Height
A			(Length of foot)	* Subject to addition ** Optional; please s accurate fit of the	pecify special anatomical features to ensure an
					sponsible for ensuring that all size information nade solutions cannot be returned.
<b>All n</b>			ensure proper treatment. rence at least 16 cm above		
b	Smallest circur	mference above the a	nkle bone		
h	Instep (circular	measurement of the	instep over the heel)		
а	Circumference	behind the MTP joint	of the little toe		
Α	Heel				
A-a	Foot length wit	hout toes (measured	on the outside of the foot)	 Stamp	

Customer no.

Signature

Date



# EpiTrain®

			Fax +49(0)366	28 66-16 99
Identifier (e.g. patient name, abbreviation)			<ul><li>☐ Quotation</li><li>☐ Order</li></ul>	
/	Circumference	Length	<b>Arm</b> ☐ Right	☐ Left
	f <sup>1</sup>	e-f¹	Color ☐ Titan  Extras*	☐ Beige
	f	e-f		ge (add 3 cm to the length)
H	е		Top**	Bottom
	d	e – d	☐ Male ☐ Obese	☐ Female ☐ Pronounced muscles
	С	e-c	Age	_
				bination with a siliconized edge; not circular ecify special anatomical features to ensure an
All measurements r	nust be entered to ens	ure proper treatment.		onsible for ensuring that all size information de solutions cannot be returned.
f <sup>1</sup> Upper arm: Meas crease of the elb	sure the circumference a ow (e).	at least 10 cm above the		
f Base of the uppe	r arm			
e Crease of the elb	OW			
d Middle of the fore	earm muscle			
c Base of muscle: the crease of the		nce at least 12 cm below		
• The length is meas	s with a slight flexion (30 sured on the inside of th o determine the length n (e).	e am.	Stamp	
			Customer no.	
			Signature	

Date

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Please refer to our Terms and Conditions of Sale and Delivery.

For additional details about indications, contraindications, and handling of the required product, please consult the relevant instructions for use.

### DATA PROTECTION INFORMATION:

The patient data collected by you and possibly transmitted to us as part of the order is recorded by us to process the order and is stored in accordance with legal stipulations. Please notify the relevant patients about this and, if necessary, obtain any consent before sending us the order. In cases of non-compliance, fines and other enforcement measures may be imposed. For further information, please visit www.bauerfeind.de/ds.

### DISCLAIMER:

All information in this brochure is up to date at the time of printing. This brochure – depending on its version – gives an initial insight into this area of expertise, and suggests selected medical diagnosis and treatment options. Even though the details are scientifically substantiated, we do not claim that all information is complete or that all schools of thought are represented. All contents in this brochure or its online version, including extracts, in particular those about diagnostics and treatment options (texts, images, graphs, etc.), are understood as non-binding support for the treatment that must be chosen by a physician or specialist. This brochure is no substitute for the necessary personal medical history and its overall assessment by a physician/a professionally trained and qualified specialist, considering ongoing treatment, if applicable.

The contents in this brochure are exclusively designed for medical specialist staff, not for anyone unrelated to the subject, in particular not for patients.

If in doubt, please seek additional advice from a specialist. We are also happy to help.

# BAUERFEIND AG TERMS AND CONDITIONS OF SALE AND DELIVERY (GTC)

#### Prices

The prices quoted are net prices in euros ex works and do not include statutory VAT.

#### Shipping

Shipping is at the 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 obstraction.

#### **Shipping costs**

We calculate our shipping charges as a flat rate of EUR 7.00 for a net total order value of up to EUR 50.00, and EUR 4.00 for a net total order value of up to EUR 200.00. No shipping costs applied, when the order contains custom-made goods. Special shipping requirements will be charged at cost.

#### Returns

Returns outside the warranty terms are only accepted after prior advice and approval from us, provided the original delivery documents are submitted; it is supposed that the returned goods are in good order. We reserve the right of rejecting the acceptance of any returned consignment. Except where covered by warranty, we charge for processing returns. For returns within one month of the date of delivery, this charge is EUR 10.00 for each return consignment. For goods returned one month or more after the date of delivery, a handling fee of 20 percent of the net order value, or a maximum of EUR 25.00 per product and unit, is charged; for returns six to twelve months after delivery date, the fee is 40 percent of the net order value, or a maximum fee of EUR 50.00 for each product and unit.

Goods returned outside the warranty or 12 months or more after the date of delivery will not be accepted back. Custom made goods are non-returnable.

### Payments

If not otherwise agreed individually in advance and in writing, Payments are due immediately following delivery. We offer a 4 percent discount for payments made by direct debit and a 3 percent discount for payments made within 10 days of the invoice date. Otherwise, the period allowed for payment is 30 days net. The buyer shall be considered in default once 30 days have passed since the invoice date. From this point on, any further deliveries will only be made against advance payment. From the time at which payment is delayed, we will charge default interest of eight percent above the applicable base interest rate. Payments by check, bank draft, etc. are deemed to have been 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 shall also apply proportionately to goods which have been processed or otherwise modified. If the goods are sold, all third-party claims are deemed to have been assigned to us without provisio 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 discloses 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 shall not be entitled to sell, pledge or assign the goods as security. Pledges, confiscation, or any other dispositions taken by a third party shall be promptly communicated to us by the buyer, and all information and documents necessary for us to defend our rights shall be provided. 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 in respect of obvious defects shall be void if we do not receive immediate written notification of these claims in accordance with Section 377 of the German Commercial Code (HGB). Warranty claims shall also lapse one year after the delivery of the purchased goods. If the product is defective, we shall make a replacement delivery or repair it at our discretion. For reasons of hygiene, repairs will only be performed on products that have been washed or are completely hygienic. Upon receipt of unwashed goods, we reserve the right to claim a suitable sum for additional work. The customer may not demand a price reduction or withdraw from the contract provided that we fulfil our duties of subsequent performance, particularly with regard to the repair of defects or the delivery of goods without defect, unless our attempts at subsequent performance have failed. Defects which are caused by normal wear and tear, overuse, misuse, neglect of care, or noncompliance with the instructions for use are not covered by warranty.

### Liability

Liability for damages is excluded unless there has been grossly negligent or willful conduct on our part or on the part of our representatives or agents. This limitation of liability shall not apply to damage due to injury to life, body or health, or the violation of a material contractual duty.

### Place of jurisdiction

The place of performance for the delivery is our company headquarters. The place of jurisdiction for all disputes arising from the business relation is Gera, Germany.

### Severability clause

The event that any individual provision of these terms and conditions of sale and delivery is or becomes invalid, will not affect the validity of the remaining provisions. The invalid provision shall be replaced with a valid provision which reflects the original economic intention of the parties as closely as possible.

### Data protection clause / recording of conversations

For quality- and other purposes, we record calls, faxes, e-mails and letters between the buyer and our employees. All recordings serve legal provisions, which have to be met with medical products ordered. Recordings will be deleted automatically in line with legal provisions. Non of the recorded data will be disclosed to third parties, if not required by decision of court or on request of local tax or healthcare authorities. The buyer hereby consents to recordings such.

Please see www.bauerfeind.de/ds for further information on the latest version of Bauerfeind AG's General Data Protection Policy.

# A BETTER QUALITY OF LIFE

# FOR YOUR CUSTOMERS!

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