

Optimal Therapy

COMPREHENSIVE SPINE SOLUTIONS

STABILITY. COMFORT.
RELIEF

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Bauerfeind supports are used
and endorsed by the National
Basketball Athletic Trainers
Association. (NBATA)

Rev.4 – 2018 – 04_19001060822008

BAUERFEIND SUPPORTS AND ORTHOSES RELIEVE PAIN, PROVIDE OPTIMAL STABILITY AND SUPERIOR PATIENT COMPLIANCE

With a wide range of active supports, functional orthoses, and stabilizing orthoses, Bauerfeind offers patient oriented solutions for a variety of indications – for conservative and post-operative use.

The innovative Spinovaline is made of breathable, moisture-wicking mesh for high patient compliance. The modular design allows for stabilization to be reduced as the patient progresses and also allows for individual adjustability regardless of anatomical shape.

All Bauerfeind braces and supports are developed and made in Germany, with an unrivaled commitment to excellence that is the driving force behind the constant innovative developments and new product concepts.

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Functional orthosis for treatment of ruptured or herniated discs and lumbosacral instability.

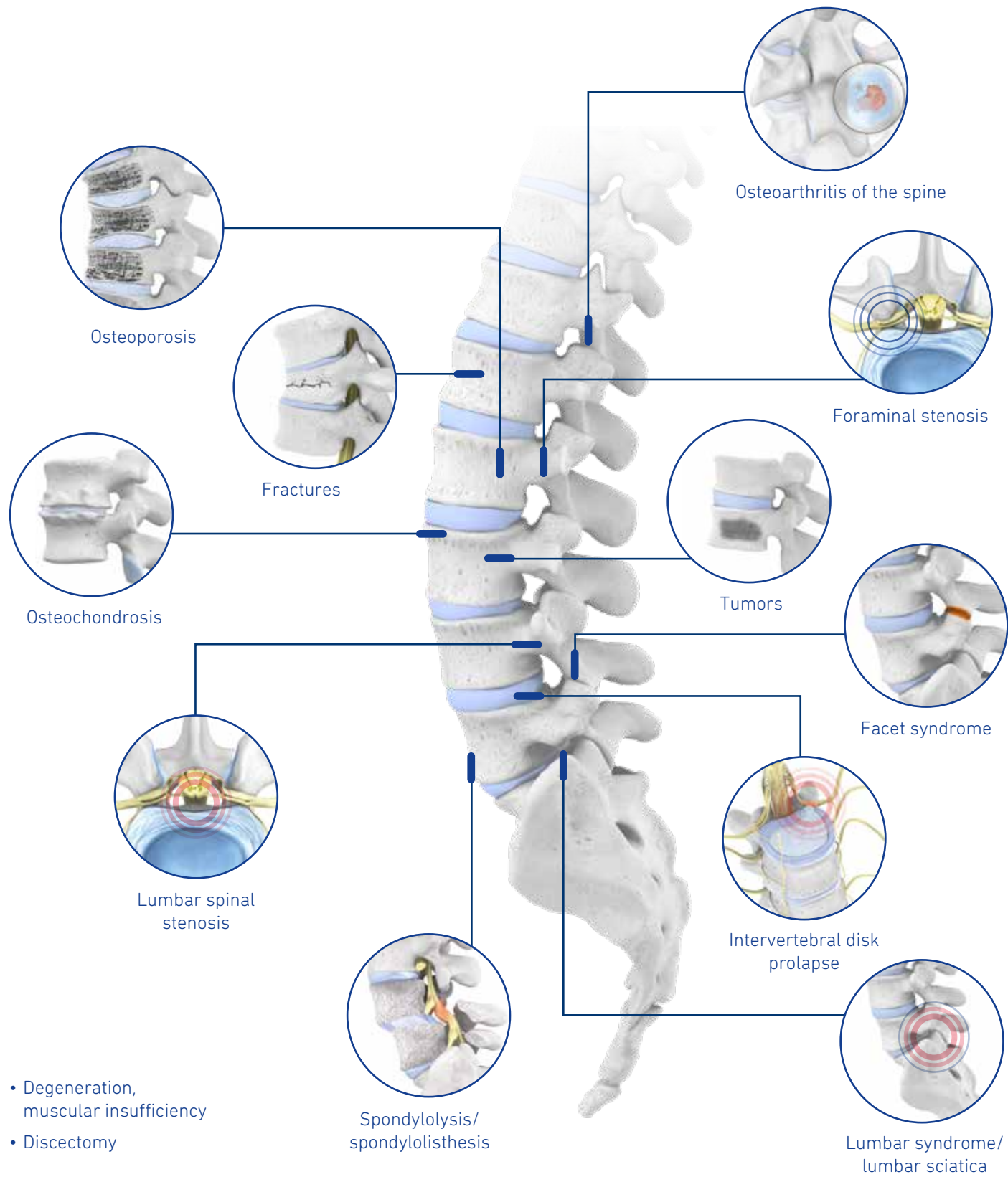
22 SofTec® Lumbo



Multifunctional orthosis for stabilization of the lower spine.

SPINE SOLUTIONS

FOR COMMON INDICATIONS



Spine indications

	Muscle-activating	Unloading				Stabilizing
Products	LumboTrain®/Lady	LordoLoc®	LumboLoc®	LumboLoc® Forte ES	LumboLoc® Forte XT	SacroLoc®
Description	Active support for muscular stabilization of the lumbar spine	Stabilizing orthosis for relief of the lumbar spine	Stabilizing orthosis for relief of the lumbar spine	Stabilizing orthosis for optimal spinal posture and relief of the lumbar spine	Stabilizing orthosis for optimal spinal posture and relief of the lumbar spine	Stabilizing orthosis for relief of the pelvis and the sacroiliac joints
Indications						
Lumbar syndrome	•	•	•			
Mild Degeneration/muscular insufficiency of the spine	•	•	•			
Moderate Degeneration/muscular insufficiency of the spine				•	•	
Post injections	•			•	•	•
SI syndrome/SI hypermobility						•
Disc prolapse, conservative treatment	•	•	•	•	•	
Post Laminectomy				•	•	
Spondylolysis/spondylolisthesis				•	•	
Spinal stenosis				•	•	
Osteoarthritis	•	•	•	•	•	•
Full range of motion allowed	•					•
Moderate motion control of the lumbar region		•	•	•	•	

	Stabilizing, lordotic / anti-lordotic	Stabilizing / anti-lordotic		
Products	LumboPlus®	Spinova® Support Plus Classic	Spinova® Immo Plus Classic	SofTec® Lumbo
Description	Functional orthosis for adjustable support of the lumbar spine up to the lower thoracic spine	Adjustable multifunctional orthosis for providing relief and support for the lumbar and lower thoracic spine	Multifunctional orthosis for stabilization of lumbar spine and lumbosacral junction	Multifunctional orthosis for stabilizing the lumbar spine and the lumbosacral transition
Indications				
Advanced Degeneration/muscular insufficiency of the spine	•	•	•	•
Spondylolysis/spondylolisthesis	•	•	•	•
Spondylolodsis			•	•
Fractures			•	•
Tumors			•	•
Herniated disc (conservative treatment or post discectomy)	•	•		
Laminectomy			•	•

MODE OF ACTION SPINE PRODUCTS

Proprioception

Proprioception is subconscious awareness that tells us where different parts of our body are located, both in relation to one another and to the surrounding environment. It is what enables us to walk without looking at our feet. As such, it plays a key role in protecting the body against injury.

If the proprioceptors in muscles, tendons and joints are damaged, this can cause coordination problems, pain and over a long period of time also joint wear. Superficial mechanoreceptors in the skin also play a role in proprioception when the skin is stretched or compressed during movement, or when the skin experiences outside pressure or vibration.

Bauerfeind spinal solutions help to stimulate the neuromuscular feedback by stabilizing and relieving the spine, thereby reducing pain.

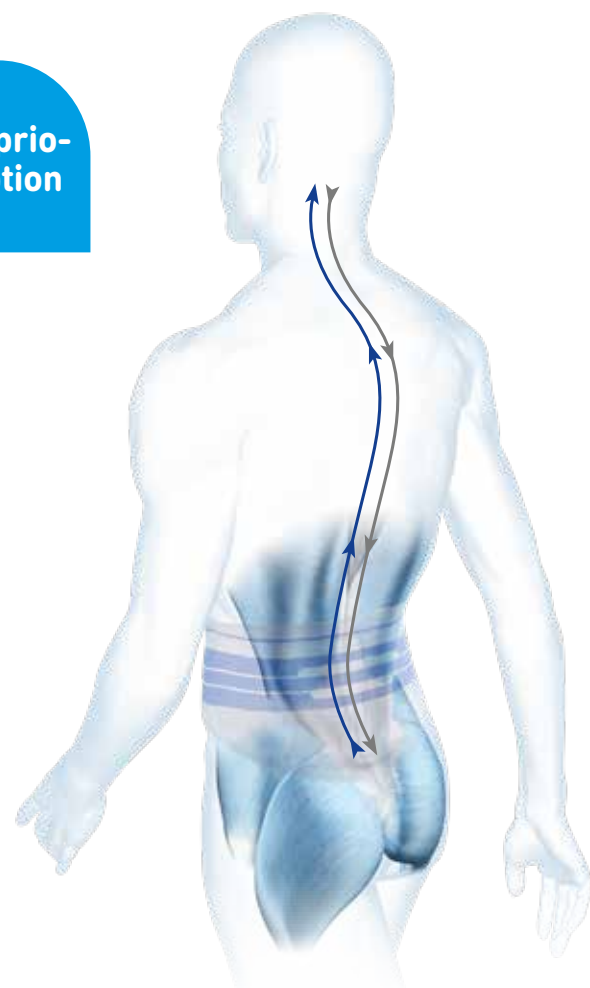
Neuromuscular joint stabilization

Bauerfeind supports cover a large surface area of the skin and, therefore, a large number of receptors. During movement, the constant intermittent compression of the knit stimulates receptors in the skin, muscles and soft tissue. The enhanced perception of stimuli also intensifies the perception of the position of the joint in the motor centers of the central nervous system, thereby activating the stabilizing muscles. This improves coordination and corrects improper joint movement.

The stimulating effect of the compression is more effective if continuous contact is maintained between the support and the skin. The better the positioning of the support and adjustment to body movements, the better it can stabilize the joint by boosting proprioception. The precision fit of the support thus influences its therapeutic effect.



Proprio-
ception



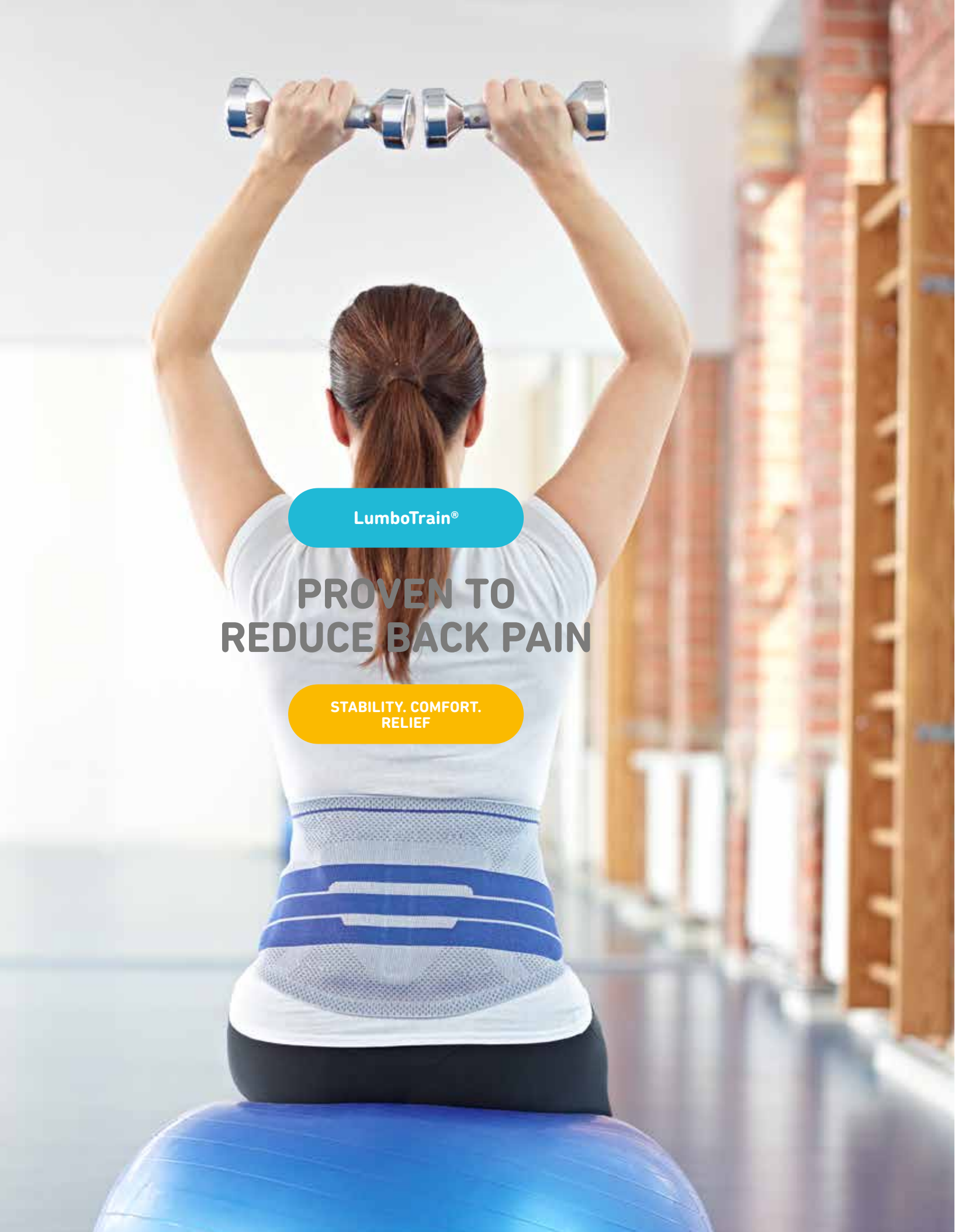
FEEL THE DIFFERENCE
SUPERIOR THERAPY.
EXCELLENT WEARING COMFORT.
GREAT DURABILITY.



"At the Orthohealing Center we integrate Bauerfeind cutting edge compressive supports to compliment the effects of PRP to control swelling and reduce pain. Our patients enjoy the comfortable non-restricting fit allowing them to pursue physical activity, which is so critical for promoting healing and recovery."

Dr. Steven Sampson, Santa Monica, CA

¹ Anders, C. et al. Jena University Hospital, Clinic of Trauma, Hand and Reconstructive Surgery, Division for Motor Research, Pathophysiology and Biomechanics, Dec 2013 unpublished data.
² Valle-Jones J.C. et al.: Controlled trial of a back support (LumboTrain) in patients with non specific low back pain, Current Medical Research and Opinion 1992; 12 (9): str. 604-613.



LumboTrain®

STABILIZING ORTHOSIS FOR RELIEF OF THE PELVIS AND THE SACROILIAC JOINTS.

Indications

- Acute lumbar syndrome
- Mild degeneration/muscular insufficiency of the spine
- Conservative treatment after disc prolapse
- Post-epidural spinal injections
- Post-facet joint block/injections

High elasticity
adapts to every movement and makes the support extremely comfortable to wear

Breathable Train active knit
is soft and individually adjustable for active support and maximum comfort

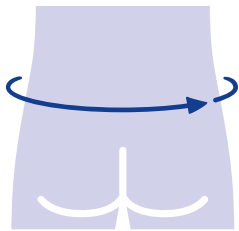
Reduced pressure at the edges
prevents constriction

Viscoelastic pad with frictional nubs
provides muscular stimulation and pain relief


Practical hand straps
allow for easy donning and doffing



LumboTrain® Lady
specially designed to fit the natural curves of women



LumboTrain®								Order number
Size	1	2	3	4	5	6	7	
Body circumfer. in inches	27 1/2 - 31 1/2	31 1/2 - 35 1/2	35 1/2 - 39 1/4	39 1/4 - 43 1/4	43 1/4 - 47 1/4	47 1/4 - 51 1/4	51 1/4 - 57	1108410408000°
Body circumfer. in cm	70-80	80-90	90-100	100-110	110-120	120-130	130-145	
°= size								



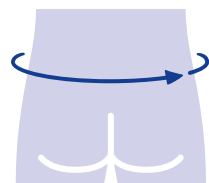
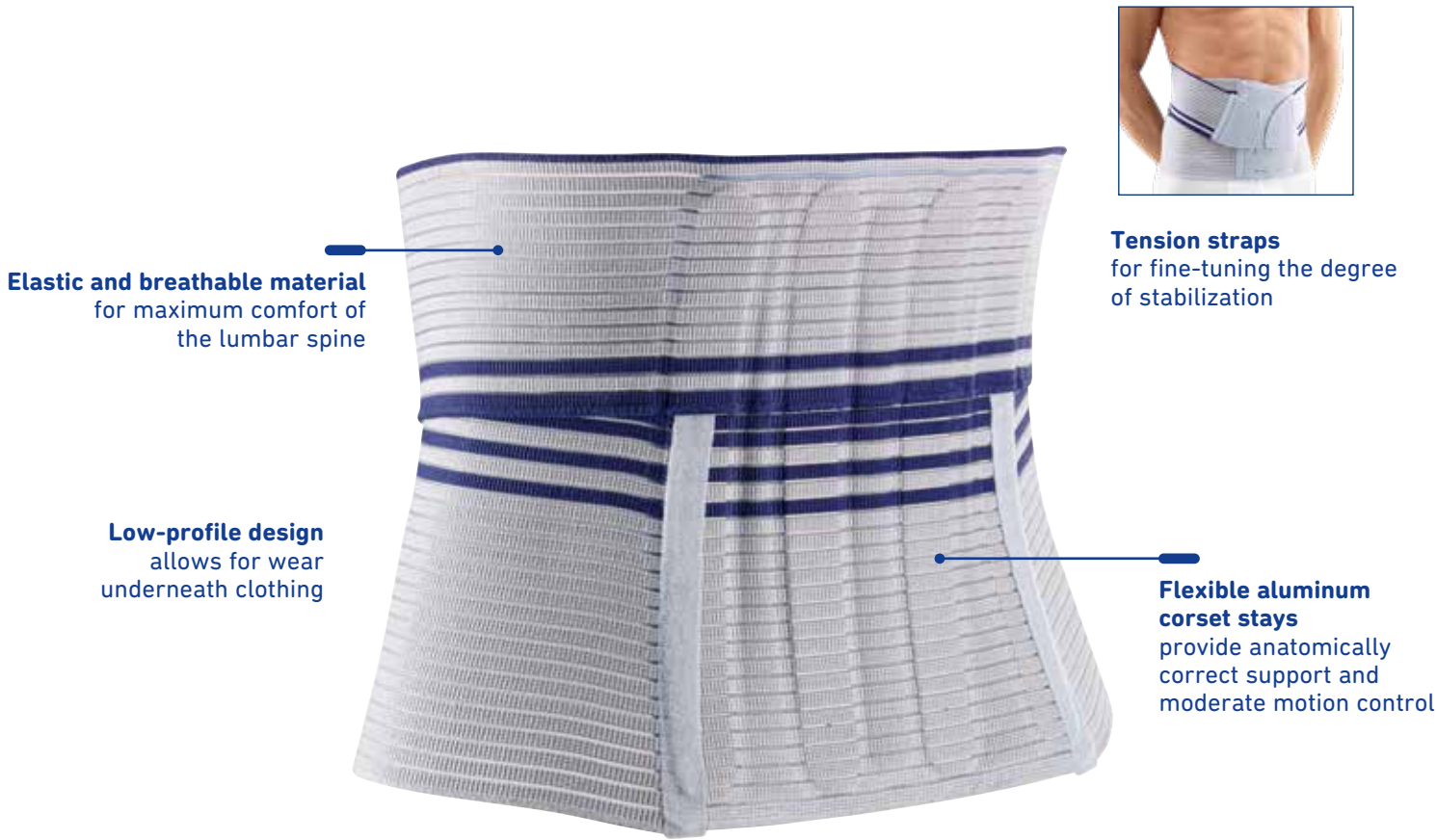
Order No. LumboTrain® Lady 1108411408000°

LordoLoc®

STABILIZING ORTHOSIS FOR RELIEF OF THE LUMBAR SPINE.

Indications

- Chronic lumbar syndrome
- Moderate degeneration of the spine
- Moderate muscular insufficiency
- Conditions that require moderate motion control



Size	1	2	3	4	5	6	Order number
Body circumference in inches	27 1/2-31 1/2	31 1/2-35 1/2	35 1/2-39 1/4	39 1/4-43 1/4	43 1/4-47 1/4	47 1/4-51 1/4	1218500008000°
Body circumference in cm	70-80	80-90	90-100	100-110	110-120	120-130	

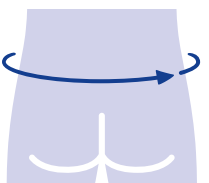
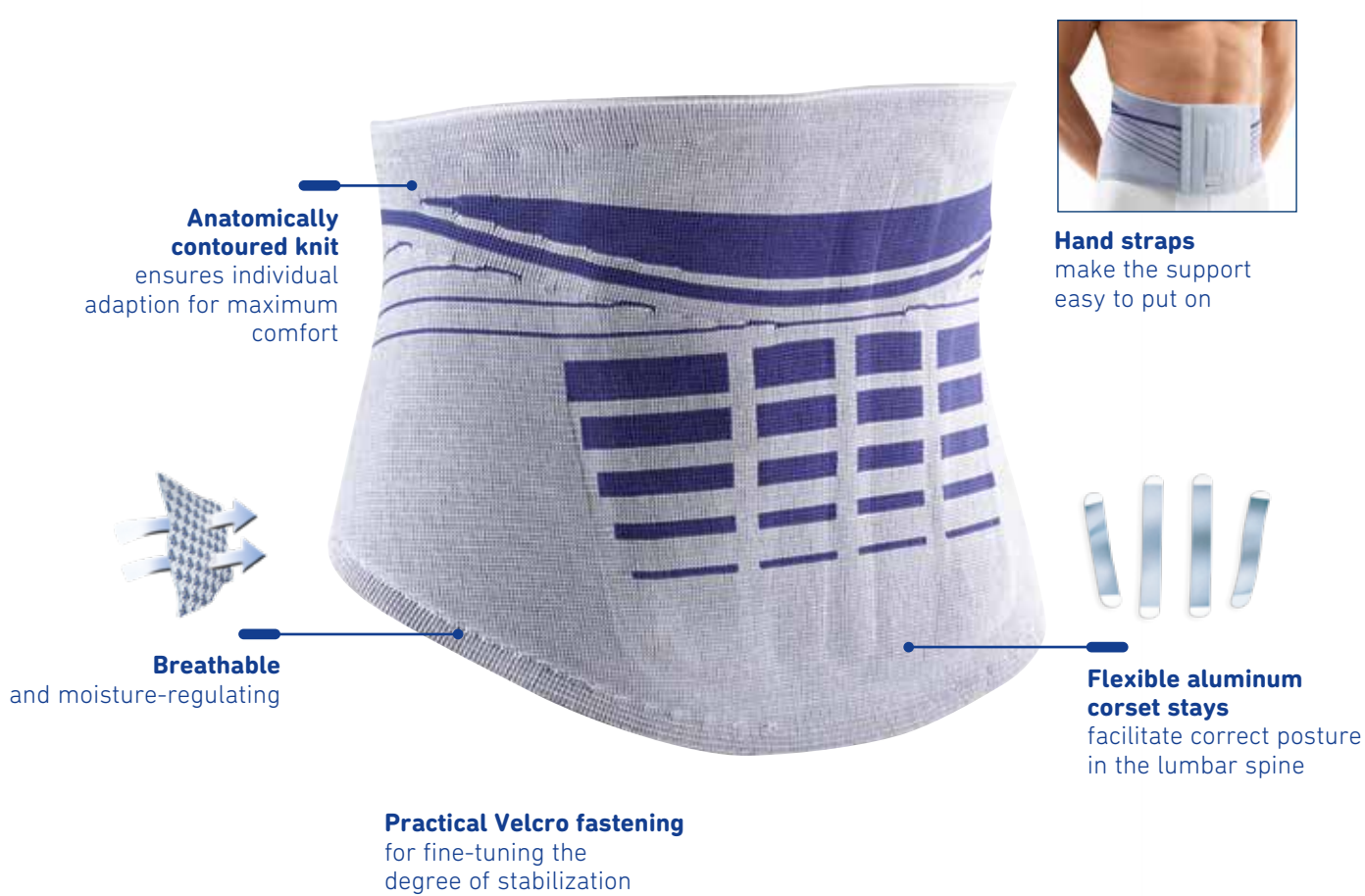
°= size

LumboLoc®

STABILIZING ORTHOSIS FOR RELIEF OF THE LUMBAR SPINE.

Indications

- Moderate lumbar syndrome
- Moderate lumbar degeneration
- Moderate lumbar muscular insufficiency



Size	1	2	3	4	5	6	Order number
Body circumference in inches	27 1/2-31 1/2	31 1/2-35 1/2	35 1/2-39 1/4	39 1/4-43 1/4	43 1/4-47 1/4	47 1/4-51 1/4	1218400308000°
Body circumference in cm	70-80	80-90	90-100	100-110	110-120	120-130	

°= size

SacroLoc®

STABILIZING ORTHOSIS FOR RELIEF OF THE PELVIS AND THE SACROILIAC JOINTS.

Indications

- Sacroiliac joint syndrome
- Sacroiliitis
- SI hypermobility
- Post-injections of the SI joint
- Osteoarthritis of the SI joint



Two-part friction pad with massage nubs
promotes blood flow and pain reduction through micro-massage

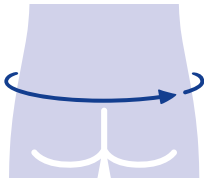
Anatomically contoured
to ensure a perfect fit during every movement



Non-elastic knit and easy-to-adjust Low Power Tension (LPT) system
for outstanding stabilization of the pelvis and SI joints to provide immediate relief

Practical fastening with hand pockets
makes the support easy and convenient to put on

Narrow, flat fastening with soft edges
does not dig in when sitting down, for extremely high wearing comfort



Size	1	2	3	4	5	6	7	Order number
Pelvic circumf. in inches	27 1/2 - 31 1/2	31 1/2 - 35 1/4	35 1/4 - 39 1/4	39 1/4 - 43 1/4	43 1/4 - 47 1/4	47 1/4 - 51 1/4	51 1/4 - 55	1208416108000°
Pelvic circumf. in cm	70-80	80-90	90-100	100-110	110-120	120-130	130-140	

°= size



SacroLoc®

PROVEN TO DECREASE SI JOINT PAIN

STABILITY. COMFORT. RELIEF

Spinova®

FOR CUSTOMIZABLE THERAPY

The Spinova system with 2 different back orthoses – an innovative product concept from Bauerfeind, designed to enhance the range of treatment options on offer for various indications relating to the lumbar spine.

Advantages for the patient

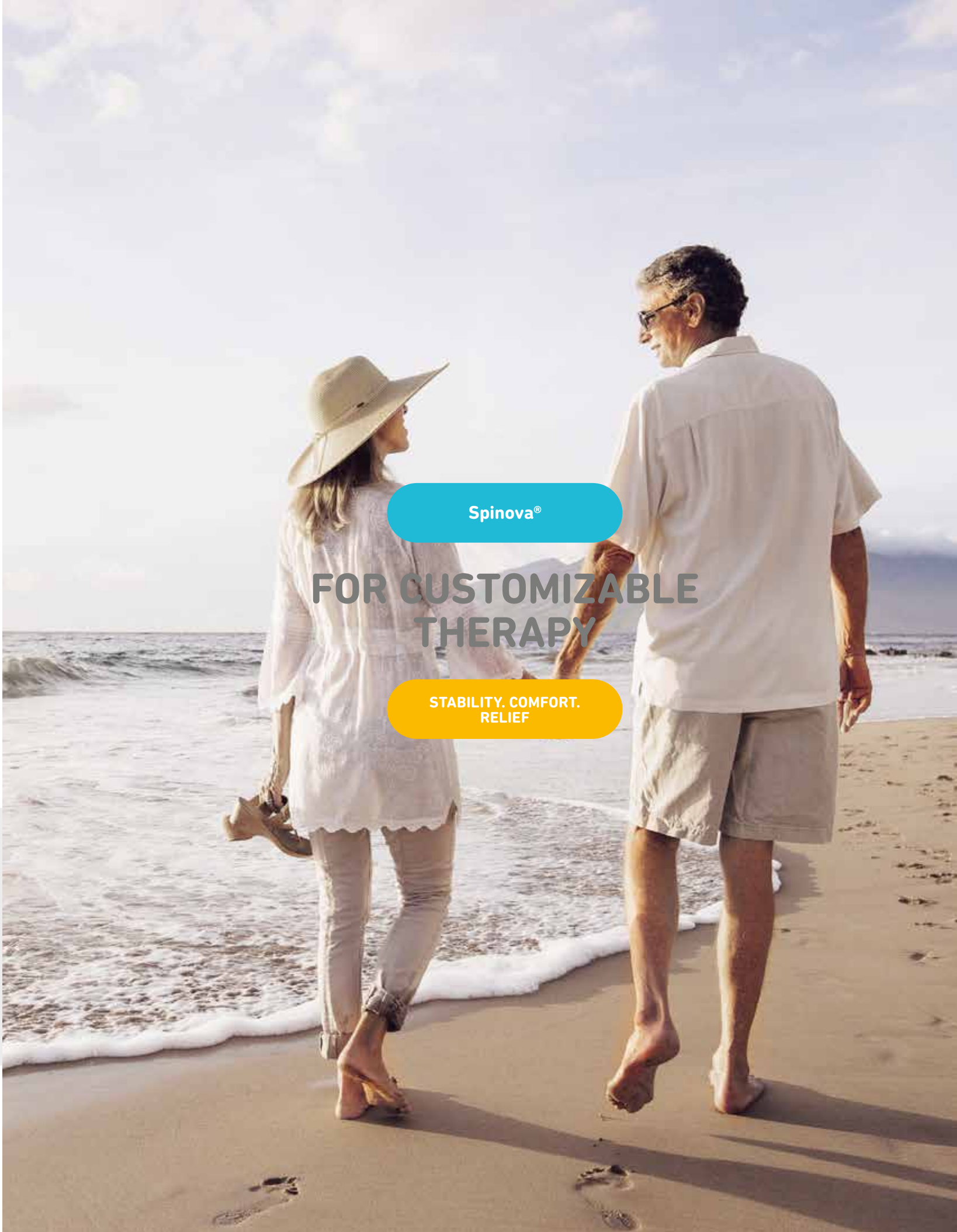
- gives as much support as needed for individual treatment, while allowing as much mobility as possible.
- offers exceptional wearing comfort due to proper fit and breathable material.
- can be put on and taken off very easily and with little effort.
- can be easily adapted by trained specialists, such as staff at orthopedic medical retailers, to suit patients specific back problems.
- makes it possible to remove individual elements of the orthosis as required when healing progresses, thus increasing mobility.
- offers patients soothing relief and support while undergoing back treatment.



Spinova Support Plus Classic



Spinova Immo Plus Classic



Spinova®

FOR CUSTOMIZABLE
THERAPY

STABILITY. COMFORT.
RELIEF

Spinova® Support Plus Classic

ADJUSTABLE MULTIFUNCTIONAL ORTHOSIS FOR PROVIDING RELIEF AND SUPPORT FOR THE LUMBAR AND LOWER THORACIC SPINE.

Indications

- Low back pain (lumbago)
- Degenerative disc disease
- Muscular insufficiency of the spine
- Spondylosis/Spondylolysis/Spondylolisthesis
- Conservative and post-operative treatment of spinal stenosis
- Laminectomy
- Osteoporosis
- Post-injection
- Conservative treatment of prolapse

Active principle

Stabilization and relief of the lumbar spine based on three-point principle:

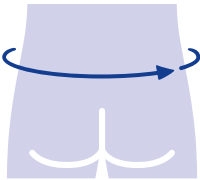
1. Support for the lumbar spine provided by the Spinova strap system combined with a bridging pad.
2. Increased pressure exerted on the soft tissue in the abdominal area by a large fastening on the abdomen and an abdominal pad, thus providing relief for the spine.
3. Integral spring steel stays provide an extra stabilizing and straightening effect similar to a Lindemann corset based on a grid of stays.

The system can be dismantled during the recovery process by gradually removing the functional elements.

This guarantees optimal flexibility for adapting the orthosis to suit the patient's degree of mobility.

Treatment concept with the Spinova® system

- 1 Stabilization Phase**
For effective post-operative or initially conservative correction of the segments, the orthosis is used together with the bridging pad.
- 2 Mobilization Phase**
Removal of the lumbar pad.



Size	1	2	3	4	5	6	Order number
Body circumference in inches	27 1/2-31 1/2	31 1/2-35 1/2	35 1/2-41 1/3	41 1/3-45 1/5	45 1/5-49 1/5	49 1/5-55 1/4	1228563100000°
Body circumference in cm	70-80	80-90	90-105	105-115	115-125	125-140	

°= size

* Suggested codes are based on approved coding from PDAC as of 12/15. It is the responsibility of the provider to determine the appropriate billing code, as well as, whether the use of a product complies with medical necessity and other documentation requirements of the payer.

Spinova® Immo Plus Classic

MULTIFUNCTIONAL ORTHOSIS FOR STABILIZATION OF LUMBAR SPINE AND LUMBOSACRAL JUNCTION.

Indications

- Conservative and post-operative treatment of spinal stenosis
- Spondylosis/Spondylolysis/Spondylolisthesis
- Low back pain (lumbago)
- Radicular lumbar syndrome
- Post-operative, one or more levels of the spine (spondylodesis/kyphoplasty)
- Lumbar spine fractures
- Tumors/metastases
- Osteoporosis

Active principle

- Stabilization, relief and restriction of movement in the lumbar spine provided by a shell around the torso with a circular edge at the pelvis.
- Functional unit made up of the classic strap system and a shell. The transmission of a high level of force results in optimal stabilization.
- Increased pressure exerted on the soft tissue in the abdominal area by a large fastening on the abdomen combined with an optional abdominal pad, thus providing relief for the spine.

The system can be dismantled during the recovery process by gradually removing the functional elements.

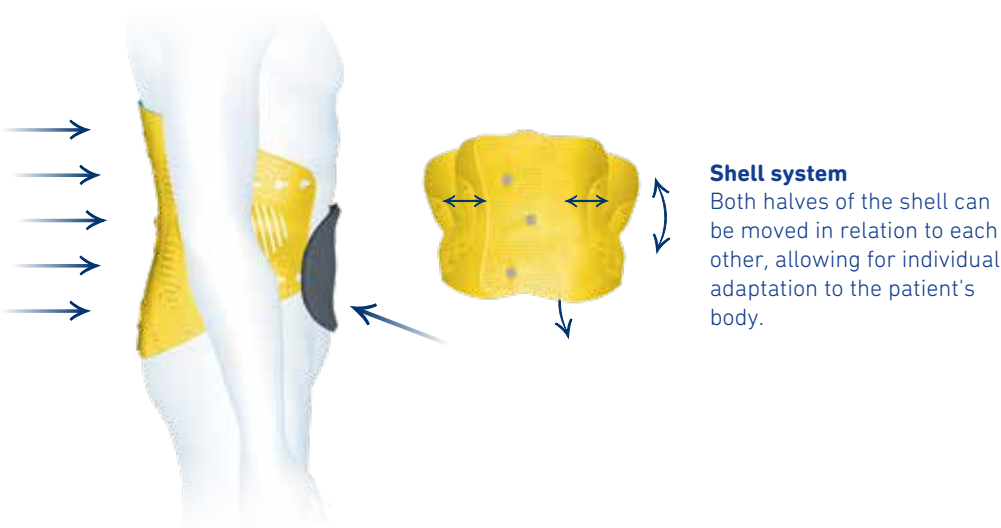
This guarantees optimal flexibility for adapting the orthosis to suit the patient's degree of mobility.

Treatment concept with the Spinova® system

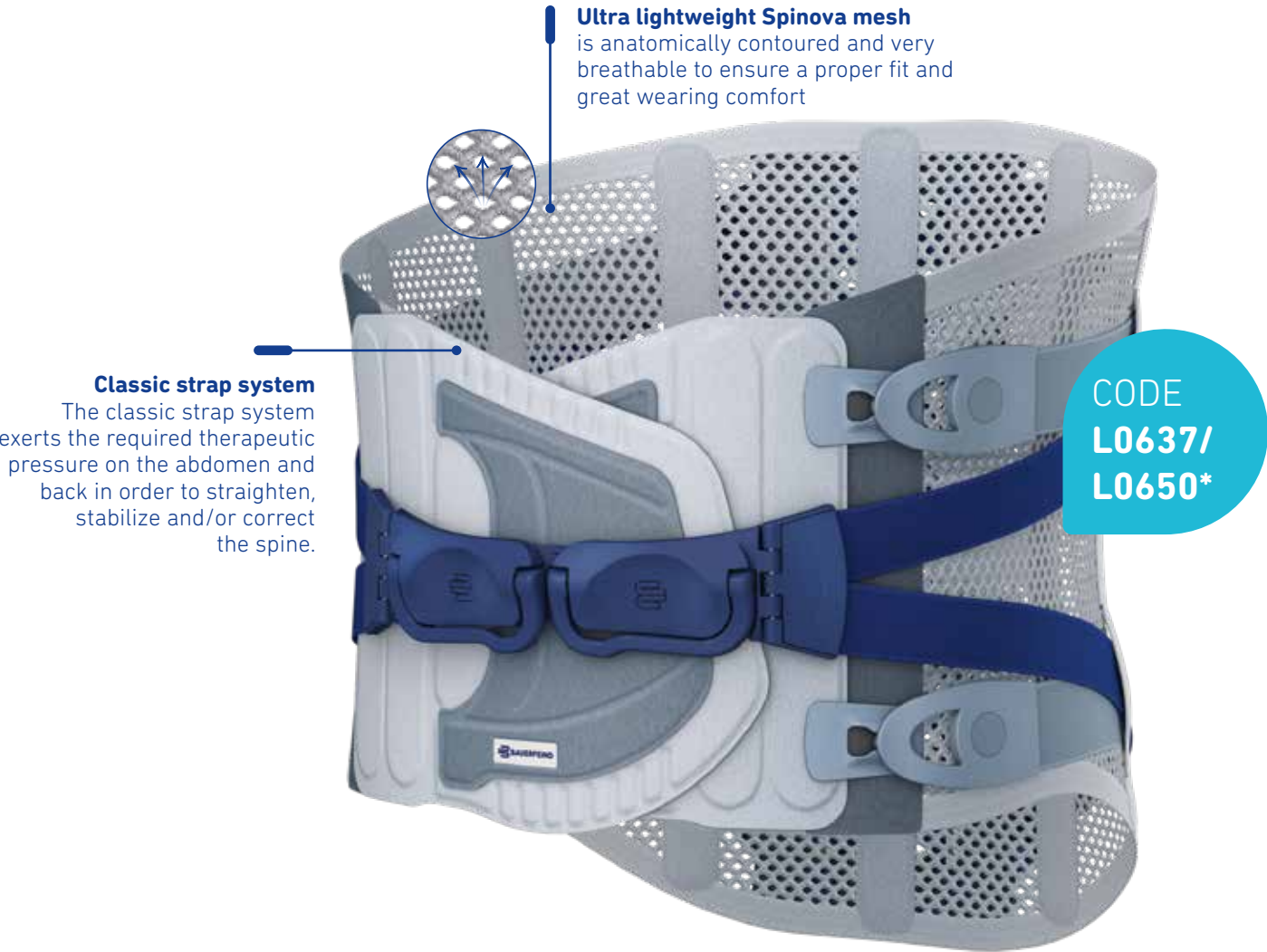
- 1

Stabilization Phase
For effective post-operative or initially conservative correction of the segments, the orthosis is used together with the shell.
- 2

Mobilization Phase
The shell is removed for mobilization as rehabilitation progresses. The corset stays in the orthosis provide the next highest level of mobility, while delivering the right amount of stability for the indication.



Shell system
Both halves of the shell can be moved in relation to each other, allowing for individual adaptation to the patient's body.



Classic strap system
The classic strap system exerts the required therapeutic pressure on the abdomen and back in order to straighten, stabilize and/or correct the spine.

Ultra lightweight Spinova mesh
is anatomically contoured and very breathable to ensure a proper fit and great wearing comfort

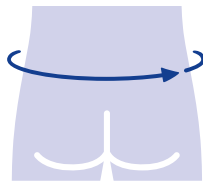
CODE
L0637/
L0650*



Anatomical contoured plastic half shells
are customizable to the patients body shape and provide 360° of control



Shell with textile cover
The breathable and washable textile cover protects the skin from the contact with the shell



Size	1	2	3	4	5	6	Order number short	Order number standard
Body circumference in inches	27 1/2-31 1/2	31 1/2-35 1/2	35 1/2-41 3/8	41 3/8-45 1/4	45 1/4-49 1/4	49 1/4-55 3/8	1228564100100°	1228564100000°
Body circumference in cm	70-80	80-90	90-105	105-115	115-125	125-140		

°= size
Bridging frame short for people less than 5'7"/170 cm

NEW extension kit available, allows for circumferences up to 61 inches / 155 cm (1298565000000)

* Suggested codes are based on approved coding from PDAC as of 12/15. It is the responsibility of the provider to determine the appropriate billing code, as well as, whether the use of a product complies with medical necessity and other documentation requirements of the payer.

LumboLoc® Forte ES

STABILIZING ORTHOSIS FOR OPTIMAL SPINAL POSTURE AND RELIEF OF THE LUMBAR SPINE.

Indications

- Degeneration/muscular insufficiency of the spine
 - Degenerative joint disease
 - Lumbar region spinal stenosis
 - Ruptured or herniated discs
- Post-procedure discectomy/laminectomy
 - Post Lumbar Injections (epidural, facet joint block, prolotherapy, PRP)
 - Spondylolysis/Spondylolisthesis

Easy-to-adjust strap system
with practical hand pockets allows the orthosis to be easily fitted with minimal physical effort and provides precise control of the level of support.

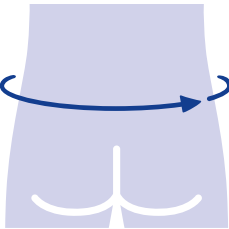
Breathable
and moisture wicking

Anatomically contoured knit
ensures individual adaption for maximum comfort

Flexible aluminum corset stays
facilitate correct posture in the lumbar spine

CODE
L0627/
L0642*

Lumbar Pad
extending from L1 to L5 to provide targeted stabilization and exert extensive massage of the back muscles



Size	1	2	3	4	5	6	Order number
Body circumference in inches	27 1/2-31 1/2	31 1/2-35 1/2	35 1/2-39 1/4	39 1/4-43 1/4	43 1/4-47 1/4	47 1/4-51 1/4	1218399008000°
Body circumference in cm	70-80	80-90	90-100	100-110	110-120	120-130	

°= size (Extension panels are available to increase sizing up to 1 1/2")

* Suggested codes are based on approved coding from PDAC as of 12/15. It is the responsibility of the provider to determine the appropriate billing code, as well as, whether the use of a product complies with medical necessity and other documentation requirements of the payer.

LumboLoc® Forte XT

STABILIZING ORTHOSIS FOR OPTIMAL SPINAL POSTURE AND RELIEF OF THE LUMBAR SPINE.

Indications

- Degeneration/muscular insufficiency of the spine
 - Degenerative joint disease
 - Lumbar region spinal stenosis
 - Ruptured or herniated discs
- Post-procedure discectomy/laminectomy
 - Post Lumbar Injections (epidural, facet joint block, prolotherapy, PRP)
 - Spondylolysis/Spondylolisthesis

Easy-to-adjust strap system
with practical hand pockets allows the orthosis to be easily fitted with minimal physical effort and provides precise control of the level of support

Breathable
and moisture wicking

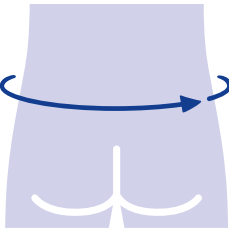
Anatomically contoured knit
ensures individual adaption for maximum comfort

Flexible aluminum corset stays
facilitate correct posture in the lumbar spine

CODE
L0631/
L0648*

Perfect fit
thanks to elastic material and adjustable corset stays

Lumbar Pad
extending from T9 to sacrum to provide targeted stabilization. Comes in long (5"7 or taller) and short version (5"7 or shorter)



Size	1	2	3	4	5	6	Order number short	Order number standard
Body circumference in inches	27 1/2-31 1/2	31 1/2-35 1/2	35 1/2-39 1/4	39 1/4-43 1/4	43 1/4-47 1/4	47 1/4-51 1/4	1218398008100°	1218398008000°
Body circumference in cm	70-80	80-90	90-100	100-110	110-120	120-130		

°= size (Extension panels are available to increase sizing up to 1 1/2").
Lumbar pad short for people less than 5'7" / 170 cm

* Suggested codes are based on approved coding from PDAC as of 12/15. It is the responsibility of the provider to determine the appropriate billing code, as well as, whether the use of a product complies with medical necessity and other documentation requirements of the payer.

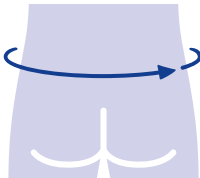
LumboPlus®

FUNCTIONAL ORTHOSIS FOR TREATMENT OF RUPTURED OR HERNIATED DISCS AND LUMBOSACRAL INSTABILITY.

CODE
L0631/
L0648*

Indications

- Degeneration/muscular insufficiency of the spine
- Degenerative joint disease
- Lumbar region spinal stenosis
- Ruptured or herniated discs
- Post-procedure discectomy
- Spondylosis/Spondylolysis/Spondylolisthesis
- Osteoporosis
- Facet syndrome



Size	1	2	3	4	5	6	Order number
Body circumference in inches	29 1/2-33 1/2	33 1/2-37 1/2	37 1/2-41 3/8	41 3/8-45 1/4	45 1/4-49 1/4	49 1/4-53 1/8	1218530008000°
Body circumference in cm	75-85	85-95	95-105	105-115	115-125	125-135	

°= size (Extension panels are available to increase sizing up to 1 1/2").



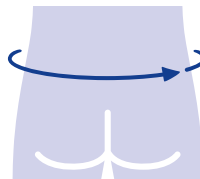
SofTec® Lumbo by Prof. Harms

MULTIFUNCTIONAL ORTHOSIS FOR STABILIZATION OF THE LOWER SPINE.

CODE
L0637/
L0650*

Indications

- Conservative and post-operative treatment of spinal stenosis
- Spondylosis/Spondylolysis/Spondylolisthesis
- Low back pain (lumbago)
- Radicular lumbar syndrome
- Post-operative, one or more levels of the spine (spondylodesis/kyphoplasty)
- Lumbar spine fractures
- Tumors/metastases
- Osteoporosis



Size	1	2	3	4*	Order number/Short	Order number/Long
Circumference in inches	29 1/2-35 1/2	35 1/2-41 3/8	41 3/8-47 1/4	47 1/4-53 1/8	1228480008100°	1228480008200°
Circumference in cm	75-90	90-105	105-120	120-135		

°= size, The product is made of knitted material and a bridging frame.
Bridging frame: short = less than 5'7"/170 cm, long = more than 5'7"/170 cm.
Extension panels are available to increase sizing up to 1 1/2". (* size 4 only available in long)



* Suggested codes are based on approved coding from PDAC as of 12/15. It is the responsibility of the provider to determine the appropriate billing code, as well as, whether the use of a product complies with medical necessity and other documentation requirements of the payer.