



VERTEBRADYN® OSTEO  
DYNAMIC BACK BRACE  
FOR ACTIVE SUPPORT  
AND STABILISATION

BETTER IN MOTION

# SPORLASTIC HOLISTIC TREATMENT CONCEPT

## ALL-ROUND CARE

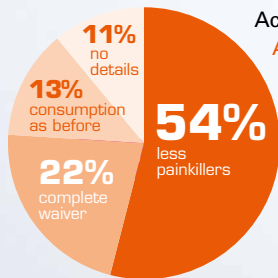
It is estimated that approximately 6.3 million people in Germany suffer from osteoporosis. According to the WHO, osteoporosis is therefore rightly counted among the 10 most important widespread diseases<sup>1</sup>. Systemic skeletal disease is characterized by reduced bone mass and deterioration of the microarchitecture of bone tissue. As a result of this development, bone fragility increases<sup>2</sup>.

Osteoporosis often begins insidiously and goes unnoticed for years until the first fractures, usually fatigue fractures of the vertebral bodies, occur. Due to their honeycomb structure, these often do not break completely but sinter in malposition (so-called sinter fractures of the respective vertebrae). The consequences can include chronic pain, limited mobility, spinal column changes and restrictions in quality of life.

With the VERTEBRADYN® OSTEO, SPORLASTIC offers a **treatment in line with guidelines**<sup>2</sup> for active straightening and stabilisation of the spine.

The resulting improved posture leads to the strengthening of the musculature, a reduction of pain and acts as a further deformity of the Spinal column towards the spine.

### SUPPORTS AND BRACES HELP



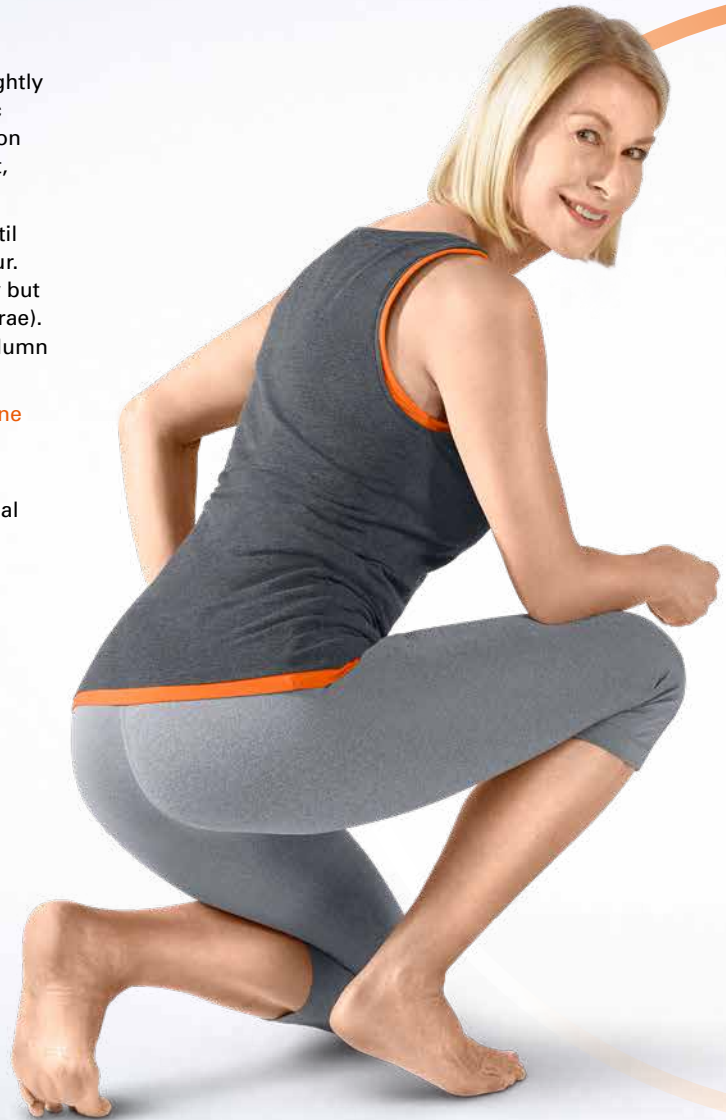
According to a representative **Allensbach survey**<sup>3</sup> on the effectiveness of orthopaedic aids, **76%** of wearers of supports/braces who previously had to regularly take pain-relieving medication were now able to **dispense with analgesics** either completely or partially as a result of using the aid.

Source:

1) <https://www.osteoporose-deutschland.de/osteoporose/daten-und-fakten>

2) [https://www.dv-osteologie.org/uploads/Leitlinie%202017/DVO%20Leitlinie\\_Kitteltaschenversion\\_gesamt.pdf](https://www.dv-osteologie.org/uploads/Leitlinie%202017/DVO%20Leitlinie_Kitteltaschenversion_gesamt.pdf)

3) Representative survey by the Institut für Demoskopie Allensbach on behalf of eurocom e.V. 2019 – European Manufacturers Federation for Compression Therapy and Orthopaedic Devices: „Benefits and effectiveness of medical“.





Functional aids and appliances



Special exercise programmes



Helpful, tried and tested training equipment

## INCLUDES PHYSIOTHERAPY TO GO DIRECT BENEFIT FOR YOUR PATIENTS

SPORLASTIC back braces, in combination with medical and physiotherapy measures, support a holistic treatment concept that includes the original aspects of the underlying indications.

### Offer your patients true additional benefits:

A QR code on selected products takes patients with a smartphone or tablet to important product information, as well as guided therapeutic exercises designed to support faster recovery. You can also use our patient brochures with their additional interesting content.



**Instructed  
exercise videos:**  
Access to important  
information via  
QR-Code anytime,  
anywhere



# VERTEBRADYN® OSTEO THE DYNAMIC BACK BRACE WITH THE PERFECT FIT

## EASY TO PUT ON AND TAKE OFF

The brace can be put on and taken off as easily as a backpack and thanks to its flat construction it has a very slim fit.

The drawstrings are always within reach thanks to the arresters and park position.

The carefully thought-out strap guides mean that the brace can be adjusted easily and perfectly with a minimum amount of effort.



**Comfortable to put on:**  
maximum extension of arm slings

Straps fed through **guide loops:**  
minimises the amount of force required

**Easy to use:** only one strap for each side of the body



**Hand slings:**  
easy to close

**Arrester and park position:**  
straps are always to hand



WELL-DESIGNED DETAILS  
FOR AN IDEAL FIT AND FIRST-CLASS FUNCTION



# SPORLASTIC VERTEBRADYN® OSTEO

## INTIMATE FIT: PERFECT FIT – EVEN DURING MOTION

The extensible reclination splint means that the brace can adapt perfectly to every movement, ensuring a perfect fit at all times.

When the upper body is bent forwards, the reclining splint extends and resumes its original position when the upper body straightens up again.

### THE INTIMATE FIT PRINCIPLE

#### DYNAMIC RECLINING EFFECT

Elastic reclining splint for continuous straightening effect.

#### AUTOMATIC LENGTH ADJUSTMENT

Telescopic splint follows the movements of the body. This prevents the brace from sliding up.



flexed



2-PART  
PULLOUT  
RECLINING  
SPLINT

upright

## INDICATIONS

- Osteoporosis
- Stable vertebral fractures in the thoracic / lumbar spine area
- Conservative treatment of secondary kyphoses
- Painful hunchback
- Muscular laxity
- Ankylosing spondylitis (Bechterew's disease)
- Scheuermann's disease
- **Article No. 07435 (complete brace)**
- **Article No. 17435 (body section)**
- **Article No. 27435 (back section)**
- Color: ☐

# SPORLASTIC ORTHOPAEDICS

## BETTER IN MOTION

### SIZE IN CM

#### HOW TO MEASURE CORRECTLY



\* The length of the back is measured with the client seated from C7 (vertebra prominens) to the chair surface

#### COMPLETE BRACE:

	Body section		Back section	
	Body circumference		Back length*	
<b>XS 0</b>	XS	70 – 80	0	50 – 53
<b>XS 1</b>	XS	70 – 80	1	54 – 60
<b>XS 2</b>	XS	70 – 80	2	61 – 67
<b>XS 3</b>	XS	70 – 80	3	68 – 75
<b>S 0</b>	S	80 – 90	0	50 – 53
<b>S 1</b>	S	80 – 90	1	54 – 60
<b>S 2</b>	S	80 – 90	2	61 – 67
<b>S 3</b>	S	80 – 90	3	68 – 75
<b>M 0</b>	M	90 – 100	0	50 – 53
<b>M 1</b>	M	90 – 100	1	54 – 60
<b>M 2</b>	M	90 – 100	2	61 – 67
<b>M 3</b>	M	90 – 100	3	68 – 75

	Body section		Back section	
	Body circumference		Back length*	
<b>L 0</b>	L	100 – 110	0	50 – 53
<b>L 1</b>	L	100 – 110	1	54 – 60
<b>L 2</b>	L	100 – 110	2	61 – 67
<b>L 3</b>	L	100 – 110	3	68 – 75
<b>XL 0</b>	XL	110 – 120	0	50 – 53
<b>XL 1</b>	XL	110 – 120	1	54 – 60
<b>XL 2</b>	XL	110 – 120	2	61 – 67
<b>XL 3</b>	XL	110 – 120	3	68 – 75
<b>XXL 0</b>	XXL	120 – 130	0	50 – 53
<b>XXL 1</b>	XXL	120 – 130	1	54 – 60
<b>XXL 2</b>	XXL	120 – 130	2	61 – 67
<b>XXL 3</b>	XXL	120 – 130	3	68 – 75

**COMPONENTS:** **Body section** XS, S, M, L, XL, XXL  
**Back section** 0, 1, 2, 3

### SPORLASTIC GERMANY

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### SPORLASTIC QUALITY



Quality management system  
 DQS-certified according to  
 DIN EN ISO 13485:2016,  
 Reg. No. 069305 MP2016



**MITTELSTAND  
 GLOBAL**  
 HEALTH MADE  
 IN GERMANY

### SPORLASTIC DIGITAL



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