

# STABILISATION, OFFLOADING & PAIN RELIEF

The Miami Lumbar Posteo offers functional support for vertebral compression fractures and provides the patient with early mobilisation. The orthosis provides thoracic extension and lumbar compression.



**MIAMI LUMBAR® POSTEO BY ÖSSUR**

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Life Without Limitations®



# MIAMI LUMBAR® POSTEO

## STABILISATION, OFFLOADING AND PAIN RELIEF

According to the World Health Organisation osteoporosis is amongst the top ten most significant diseases in the world. Osteoporosis is the condition of reduced bone density which leads to bones having less load-bearing capacity and increased bone fragility. In advanced stages of the disease someone can sustain fractures of the spine or even on slight impact or following light falls. Annual direct medical costs to treat 2.3 million osteoporosis fractures in Europe and in the United States of America come up to 27.000 million USD. Every third woman and every fifth man over 50 sustains a bone fracture which is attributable to osteoporosis.

### INDICATIONS

- Back pain caused by stable vertebral compression fractures (VCF)
- Post-operative immobilisation

### FUNCTIONALITY

The orthosis consists of an aluminium posterior thoracic extension (PTE), shoulder straps and a compression system with pulley principle for the straightening and correction of the lumbar and thoracic spine. The tightening of the pulley system produces lordosis (curvature of the spine forwards) in the lower part of the back which improves the overall posture. The shoulder strap system, similar to the principle of a rucksack, draws the shoulders back without limiting mobility in the shoulders and the arm region and without restricting chest and abdominal breathing. The straps can be individually adjusted to achieve the necessary tension.

### COMFORT

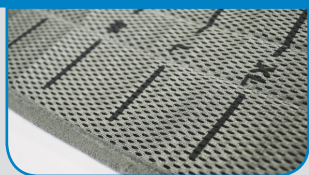
The Miami Lumbar Posteo is characterised by outstanding comfort. Through the innovative design, both the fitting and the continuous wearing of the orthosis are simplified. The low profile lumbar belt and the padded posterior thoracic extension enable anatomical adjustment to the body and provide an optimal and comfortable fit. The soft, breathable Aerospacer material provides safety and comfort at the same time. The patient can don and doff the orthosis easily due to its consistent donning system. Its low profile design makes the Miami Lumbar Posteo barely visible under clothing.

These features facilitate greater compliance.

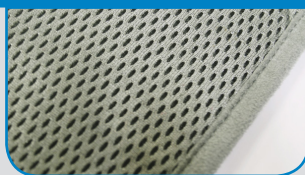
### INDIVIDUAL ADJUSTMENT

The compression system, the axillary straps and the posterior thoracic extension can be individually adjusted and thereby achieving optimal stabilisation, compression and outcome. The orthosis comes in 4 sizes (size of the posterior thoracic extension) with the length adjustable universal Miami Lumbar slim belt.

- Effective and comfortable pain alleviation
- Size adjustable lumbar belt for customised fit and reduced inventory
- Anatomically correct, lightweight and breathable design



Universal belt sizing can be trimmed to the appropriate size for any individual.



Aerspacer linings and ventilated panels for maximum breathability.



Compression system handles for easy adjustment.



Consistent donning system.

## ORDERING INFORMATION

SIZE	BACK LENGTH*	ITEM NO
X-Small	37 - 44 cm	LMB-POSTEO-XS
Small	44 - 51 cm	LMB-POSTEO-SM
Medium	49 - 56 cm	LMB-POSTEO-MD
Large	55 - 61 cm	LMB-POSTEO-LG

\*Measured from the tip of the sacrum to the C7 vertebra, following the curvature of the spine.

DESCRIPTION	ITEM NO
Replacement Strap Pads	LMB-POSTEO ST PD

