



MIAMI LUMBAR® POSTEO

Gentle yet sturdy support



MIAMI LUMBAR® POSTEO STABILIZATION, OFFLOADING AND PAIN RELIEF.

The Miami Lumbar Posteo offers functional support for vertebral compression fractures and facilitates early mobilization. The orthosis provides thoracic extension and lumbar compression. This postural correction and the active relief of the vertebra produces effective alleviation of pain.

INDICATIONS

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

FUNCTIONALITY

The orthosis consists of an aluminium posterior thoracic extension (PTE), shoulder straps and a compression system with pulley 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 backpack, 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.



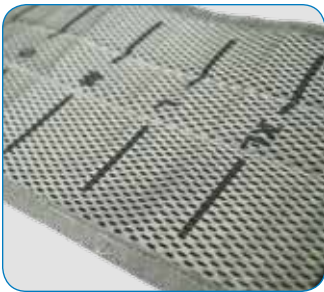
MIAMI LUMBAR® POSTEO

COMFORT

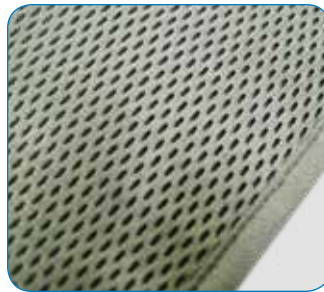
The Miami Lumbar Posteo is characterized by outstanding comfort. Through the innovative design, both the fitting and the continuous wearing of the brace are simplified. The low profile lumbar belt and the padded posterior thoracic extension enable anatomical adjustment to the body and provide an optimal and comfortable fit. The soft, breathable Aerospacer material provides safety and comfort at the same time. The patient can don and doff the brace 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, thereby achieving optimal stabilization, compression, comfort and pain relief. The Miami Lumbar® Posteo comes in 4 sizes (size of the posterior thoracic extension) with the length adjustable universal Miami Lumbar slim belt.



Universal belt sizing
can be trimmed to the
appropriate size



Aerspacer linings
and ventilated panels for
maximum breathability



Compression system handles
for easy adjustment



Consistent donning system

MOBILIZATION AFTER BONE FRACTURES

ADVANTAGES OF AN OSTEOPOROSIS ORTHOSIS

- Alleviation of pain
- Offloading
- Increase in mobility
- Reduction of the risk of a fall
- Ease of use
- Increase in quality of life

PROPHYLAXIS

Bracing can help prevent further vertebral compression fractures (VCF), and minimizes the risk of associated complications. By correcting posture and strengthening the musculature, risk of falling can be reduced.

MOBILITY

Without movement, muscles and bones deplete by 5 to 10% per year. Bone depletion can be minimized with sufficient movement. The improvement in muscle strength contributes to a reduction in fall-related fractures. Therapeutic measures for mobilization, such as a postural orthosis, should accompany other treatment modalities, as this promotes mobility.

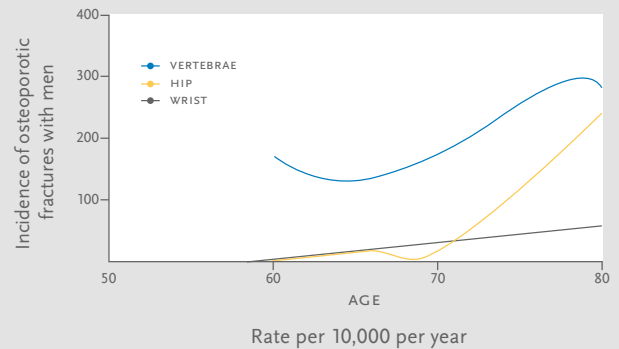
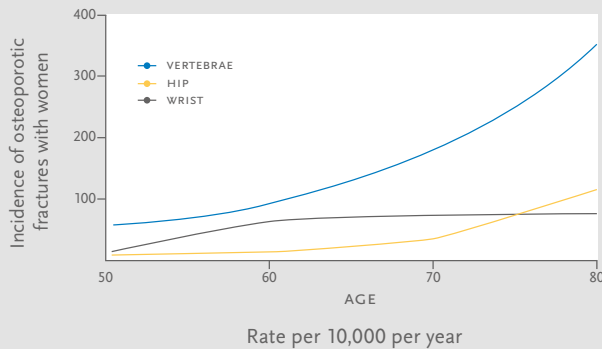
PAIN THERAPY

Physiotherapy, pain-relieving medications and the wearing of orthoses have proved themselves in the treatment of chronic pain as a result of vertebral fractures.

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According to the World Health Organization 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 of the neck of the femur even on slight impact or following light falls. According to the International Osteoporosis Foundation, every 3 seconds someone has a fracture as a result of osteoporosis. Annual direct medical costs to treat 2.3 million osteoporosis fractures in Europe and in the United States of America come up to \$27 billion USD. Every third woman and every fifth man over 50 sustains a bone fracture which is attributable to osteoporosis.

Approximately 25% of all women over 50 have at least one osteoporosis-related fracture.



Source: International Osteoporosis Foundation, 2010

MIAMI LUMBAR® POSTEO ORDERING INFORMATION

Size	Back Length	Part Number
XSmall	14.5-17.25" (37-44cm)	LMB-POSTEO-XS
Small	17.25-20" (44-51cm)	LMB-POSTEO-SM
Medium	19.25-22" (49-56cm)	LMB-POSTEO-MD
Large	21.75-24" (55-61cm)	LMB-POSTEO-LG

Calculation of the appropriate back length size, measured from the tip of the sacrum to the C7 vertebra, following the curvature of the spine.

Description	Part Number
Replacement Strap Pads	LMB-POSTEO STPD

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