

REASONS FOR WEARING SPINAL PLUS 2.0

When providing conservative treatment or rehabilitation for a patient with osteoporosis (or more generally for a patient with hyperkyphosis), supporting weakened vertebrae plays an increasingly important role. The paravertebral back bars on the **Spinal Plus 2.0** support the hyperkyphotic spine, limiting the curvature, and help it straighten to the extent that this is possible. This is possible thanks to the two counterthrust points at the height of the shoulders and the lower abdomen which create two points of leverage that work together with the rigid dorsal structure. Providing the proper support for a weakened spine helps to:

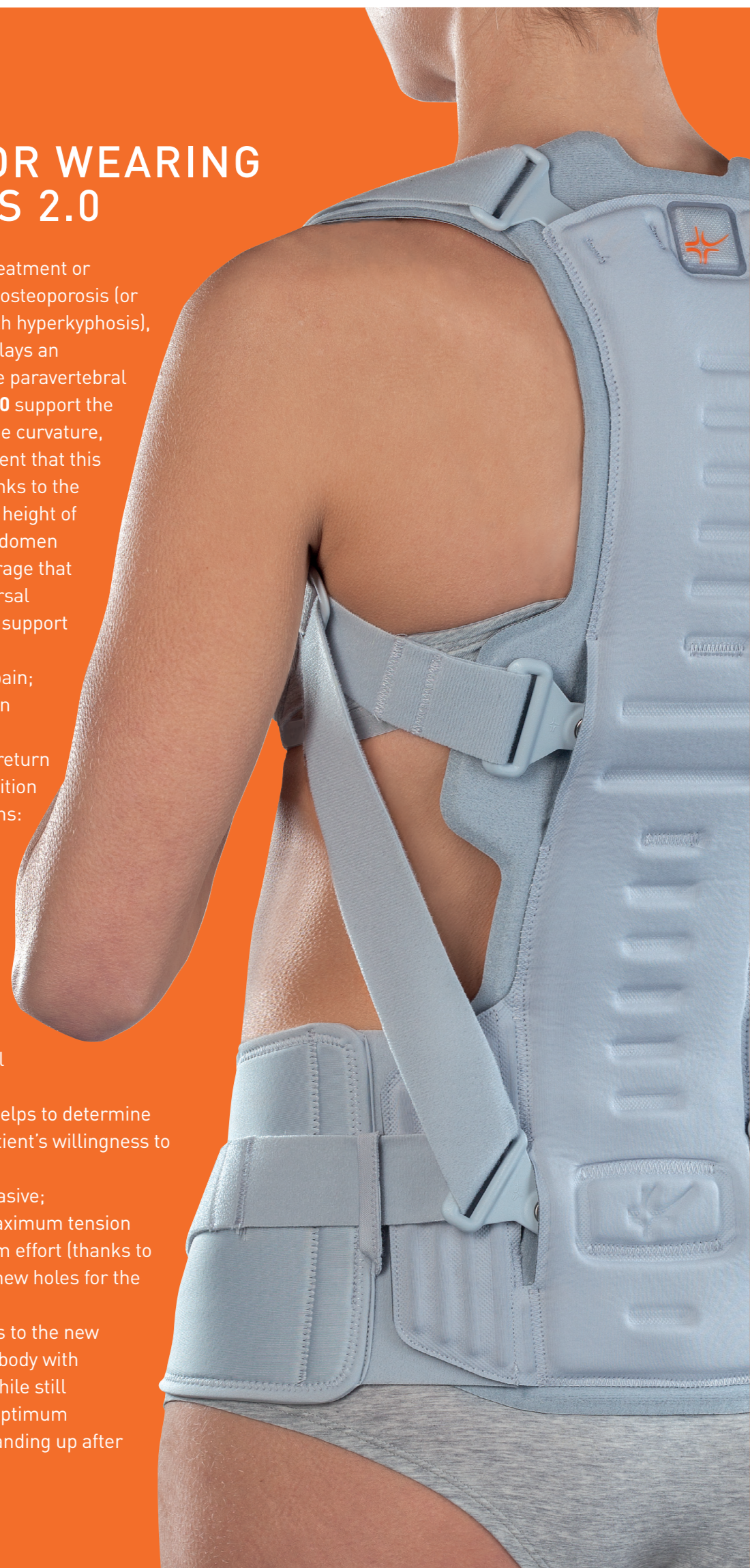
- reduce acute and/or chronic pain;
- reduce the risk of compression fractures and/or fractures.

Furthermore, endeavouring to return the spine to a more natural position is fundamental because it means:

- reducing pressure on the rib cage which facilitates breathing;
- reducing the overburden on the muscles and returning muscle fibres to a length that enables greater force to be exerted;
- reducing the risk of accidental falls caused by poor balance.

Another important factor that helps to determine the efficacy of a brace is the patient's willingness to wear it. Spinal Plus is:

- lightweight and minimally invasive;
- easy to wear and adjust as maximum tension can be achieved with minimum effort (thanks to the system of straps and the new holes for the fingers);
- stable and comfortable thanks to the new corset that wraps around the body with a compression-free design, while still maintaining the brace in the optimum position, particularly when standing up after sitting down and vice versa.



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spinalplus 2.0

Thoracolumbar brace for Osteoporosis

Item: REF.33049				
Size	XS	S	M	L
Distance T1-L5 cm	35/41	41/47	47/54	54/61
Pelvic circumf. cm	70/125	70/125	70/125	70/125
Colour grey				

REF. 33049/P optional inflatable pad

INDICATIONS

- Dorsolombalgia caused by compression fractures of dorsolumbar vertebrae
- Compression fractures of dorsolumbar vertebrae caused by osteoporosis or metastatic tumors
- Hyperkyphosis of the thoracic spine, post-traumatic or caused by arthrosis
- Juvenile osteochondrosis

CONTRAINDICATIONS

There are no known contraindications at this time.



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REF. 33049

THE TRUSTED SOLUTION FOR SUPERB SPINAL SUPPORT IS NOW EVEN BETTER.



2.0: INTRODUCING THE LATEST INNOVATIONS IN BRACES

The ultra-efficient tensioning system is easy to use and now requires even less effort. While the dorsal-lumbar straps and shoulder straps evenly distribute the tension, the new lumbar corset stabilises the brace to ensure optimum comfort. The points where the metal frame is fastened to the shoulder straps, straps, and corset creates a unique combined system that delivers effective support without hindering the rib cage so breathing remains unaffected. The posture of the torso improves, and the entire body feels the benefits.

BENEFITS

- Easily donned in just three simple steps.
- Easily removed in just three simple steps.
- Preset adjustments remain secure.
- Minimised movement of the brace.
- The low-profile design is invisible under clothes.
- Covers are easily removed for washing.

EVEN EASIER FOR EVERYONE TO WEAR

Anyone, even less agile and supple patients, can easily don the brace as it slides on like a backpack. The shoulder straps retain the original settings from the first time the brace is worn, and the straps cannot accidentally come undone. The corset can be easily wrapped around the abdomen with the two ends overlapping thanks to the special holes for the fingers.



SHOULDER STRAPS - STRAPS - FRAME: A WINNING COMBINATION

The system of shoulder straps and straps even distributes all the tension and, with help from the new lumbar corset, reduces the possibility of the brace shifting and makes it easier to exert the right amount of tension. The shoulder straps and straps are made from a super-strong material and attached directly to an aluminium structure to prevent them from sagging or losing shape with wear and guarantee even, long-lasting tension. The (radiotranslucent) frame can be easily moulded to fit the shape of the patient's spine by an orthopaedic technician.

THE NEW STABILISING LUMBAR CORSET

The primary innovation offered by the new **Spinal Plus 2.0**. With a comfortable, wraparound design, the corset "hugs" the sides for a cosy fit so the brace is less likely to shift, particularly when standing up after sitting down and vice versa. To make the corset easier to fasten, even for patients with reduced muscular strength, a hole has been added so patients can grip the end of the corset, pull it tight enough and overlap it over the other end of the corset. If the circumference of the corset is too wide, just cut it to fit at the back and reposition using the Velcro provided.

NEW SHOULDER STRAP ADJUSTMENT

Increasing the adaptability of the brace plays an important role in its stability. Now with two new buttons the central cross strap can be attached to the frame in the highest or lowest position to suit the shape of the patient's shoulder.

SHOULDER STRAPS WITH NEW PRACTICAL PADDING

The shoulder straps can be easily shortened to fit the patient. They feature new padding with a low-profile, high-comfort design: it is flat over the shoulder and tubular under the armpit for better protection. It can be "slid" up and down the shoulder until it is in the perfect position, and then fastened in place with the Velcro provided.

THE SPECIAL DETAILS THAT MAKE THIS BRACE SO UNIQUE AND UNBEATABLE



SHOULDER STRAPS + STRAPS = EFFORTLESS OPTIMUM TENSION

A firm, compression-free fit over the shoulder. The give-and-take created by the interaction between the shoulder straps and the straps multiplies the force exerted by the patient: anyone, even a patient with little muscular strength, can wear the brace with the optimum degree of tension previously set by the orthopaedic technician. The section of the dorsal-lumbar straps where the greatest amount of tension is present is made with a low-friction tape to ensure the smoothest possible movement.

NEW EASY-GRIP STRAP PADS

The straps are very easy to adjust: they slide through the pads and once the optimum length has been decided the card supplied with the straps can be removed so they can fasten to the Velcro inside the pad. Then if the straps are too long, just cut off any excess so they custom fit the patient. The pads are slightly wider than the straps, so they are even easier and more practical to grasp.

BIODYNAMIC STRETCH TENSIONER

The top ends of the dorsal-lumbar straps come with a small biodynamic stretchy insert that aids the tensioning and counter-tensioning action between the torso and the brace, also stimulating the dorsal-lumbar muscles. The posture of the torso also improves day after day.

OPTIONAL INFLATABLE PAD

An inflatable pad can be used to provide greater stabilisation for the spine: just attach it with Velcro to the inner part of the dorsal padding, don the brace and inflate the pad using the pump provided until the desired degree of pressure is produced.

