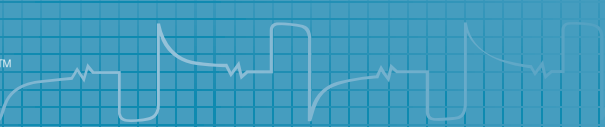


RS-LSO™ Spinal Orthosis



Reduce intervertebral disc load, relieve low back pain

Provide more relief for non-surgical patients with low back pain. The RS-LSO™ Spinal Orthosis decreases abdominal pressure and reduces load on the intervertebral discs.

Works like no other brace

No other low back brace works like the RS-LSO Spinal Orthosis with its patented SystemLOC™ closure system. When the strapping system is closed over the anterior panel, the RS-LSO provides intra-abdominal muscle compression to lift and hold the abdominal weight. The resulting decrease in pressure on the lumbar discs – along with lumbar support provided by the rigid posterior panel's unique indentation – relieves low back pain.

Law of physics keeps orthosis in place

Many low back braces migrate up the torso and out of correct position. Not the RS-LSO. When the patient's abdominal area is lifted and held up by the RS-LSO, that weight, in turn, exerts continuous downward pressure on the brace, preventing it from riding up. Even while the patient is sitting.

Because it stays in the correct position, the RS-LSO is more comfortable and may be worn during activity or exercise—contributing to patient rehabilitation.

It's comfortable, so patients wear it

No other low back orthosis is more comfortable. The RS-LSO fits virtually every body size and shape. Five male and five female sizes accommodate waists 24-60 inches. Female versions are slightly flared to fit the hips and torso. Rigid anterior and posterior panels are foam padded for comfort. A flexible anterior panel may be used as the patient's condition improves. Light and thin, the orthosis is worn comfortably under outer clothing.

Posterior and anterior panels work together, providing abdominal lift and lumbar support, stabilizing the lumbar region. The result is a lumbar spine held in correct, comfortable posture, thus encouraging increased patient activity.



Conventional Brace
Circumferential pressure 'squeezes' body mass up and down, partially relieving weight on lumbar discs. This type of brace tends to slide up.

RS-LSO Strapping System
Pulled up and out at a 45-degree angle, the patented strapping system lifts the abdominal mass to decrease weight on lumbar vertebrae.

RS-LSO SystemLOC
While the strapping system lifts and holds abdominal mass, the posterior panel's unique indentation supports the lumbar vertebrae, reducing low back pain.

RS-LSO stays in place
Unlike braces that ride up the torso, the RS-LSO is kept in place by the abdominal weight resting above and pressing down on the anterior panel.

RS-LSO Features

Benefits

- :: Patented SystemLOC™ LSO closure system
- :: Rigid anterior and posterior panels with body contour-fitting indentations
- :: Ten male and female sizes for regular and pendulous shapes:

Female	Male
24-30" FRM	26-35" MRM
30-35" FRL	35-41" MRL
35-41" FPL	41-50" MPX
41-47" FPX	50-55" MPXX
47-52" FPXX	50-60" MP3X
- :: Support provided by both rigid and flexible panels
- :: Hydrostatic lift holds the RS-LSO in place
- :: Approved for HCPCS Code: L0631
- :: Weighs less than one pound
- :: Thin, foam padded panels
- :: Female version is slightly flared to fit the hips
- :: Lifts and holds abdominal area weight, providing soft tissue compression and lumbar support
- :: Indentation in posterior panel supports lumbar vertebrae
- :: Relieves pressure on the lumbar discs
- :: Reduces associated pain
- :: Panels work together, giving opposing support to stabilize the lumbar region
- :: Spine is supported, held in a healthy, correct and comfortable posture
- :: RS-LSO is designed for patients whose low back surgical incisions have completely healed
- :: With so many sizes, such a wide range of girths, and with the adjustable Velcro straps, the RS-LSO fits virtually all patients
- :: Two measurements are taken to determine the correct size
 - The waist measurement taken tightly at the patient's navel
 - The widest part of the hips
- :: During the initial acute pain phase, the rigid anterior panel should be used.
- :: During the secondary phase, as the pain subsides and the patient becomes more mobile, the flexible anterior panel may be worn
- :: Flexible anterior panel may be worn while working, participating in normal activities and during rehabilitation programs
- :: Migration up the torso – a problem with many other lumbar braces – is prevented by the abdominal mass that is lifted and held in place above the RS-LSO
- :: Reimbursement from Medicare and insurers is more dependable
- :: Description: Lumbar sacral orthosis, sagittal-coronal control, with rigid anterior and posterior panels, posterior extends from sacrococcygeal junction to approximately T-9 vertebra, produces intracavitary pressure to reduce load on the intervertebral discs, includes straps, pendulous abdomen design, prefabricated, includes fitting and adjustment
- :: Comfortable to wear for extended periods; allows for greater patient activity
- :: It is recommended the patient wear soft absorbent clothing under the brace, such as a cotton T-shirt
- :: Fits under outer clothing

PRECAUTION: Not recommended for patients with low back surgical incisions that have not yet completely healed, patients using a pacemaker, patients with a sensitive abdominal condition, such as a distended abdomen due to aortic aneurism, or pregnant women. Keep out of reach of children.

Manufactured for RS Medical by FLA Orthopedics, Inc.

The RS-LSO Spinal Orthosis is covered by U.S. Patents 5,207,636 and 5,267,948.