



**Spinomed® III has been approved for code L0456**

name	size	back length (cm)	(inches)	model number
<b>Spinomed® III</b>	x-small	37–44 cm	14 <sup>1</sup> / <sub>2</sub> "–17 <sup>1</sup> / <sub>4</sub> "	86021
	small	44–51 cm	17 <sup>1</sup> / <sub>4</sub> "–20"	86022
	medium	49–56 cm	19 <sup>1</sup> / <sub>4</sub> "–22"	86023
	large	55–61 cm	21 <sup>3</sup> / <sub>4</sub> "–24"	86024

**measurement:** from the sacrum to just below C7 following the spinal curvature

Item number: 860

**Spinomed carries U.S. Patent Number 6,063,047**



REAL PEOPLE

“10 million Americans over the age of 50 have osteoporosis”<sup>1</sup>

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1. Bone Health and Osteoporosis: A Report of the Surgeon General (2004), U.S. Department of Health and Human Services. Accessed online at <http://www.surgeongeneral.gov/library/bonehealth/content.html>.

2. Vertebral Compression Fractures and Minimally Invasive Spine Surgery, Ghassan K. Bejjani, MD, Clinical Assistant Professor, Department of Neurosurgery, University of Pittsburgh School of Medicine. Accessed online at <http://www.seniorsresourceguide.com/articles/art00012.html>.

3. Spine Specialists On-Call: Osteoporotic Vertebral Compression Fractures—Restoring Spinal Stability and Quality of Life, Isador H. Lieberman, MD, MBA, FRCS(C), Orthopedic and Spinal Surgeon, Cleveland Clinic. Accessed online at <http://www.spineuniverse.com/displayarticle.php/article2134.html>.

4. Pfeifer M, Begerow B, Minne HW. Effects of a new spinal orthosis on posture, trunk strength, and quality of life in women with postmenopausal osteoporosis: a randomized trial. *Am J Phys Med Rehabil.* 2004;83(3):177-186.

PO127/4/08



I feel better.™

# REAL PROBLEMS



## OSTEOPOROSIS

- Affects 1 in 4 Americans over 50<sup>1</sup>
- By 2020 half of Americans over 50 will be at risk<sup>1</sup>

## VERTEBRAL COMPRESSION FRACTURES

- There are 700,000 per year in the United States<sup>1</sup>
- People who suffer one fracture are 5 times more likely to suffer another one<sup>2</sup>
- People who suffer two are 12 times more likely to suffer another fracture<sup>2</sup>
- Each fracture reduces lung capacity by 9 percent<sup>3</sup>
- Fractures result in disability, diminished quality of life and immobility<sup>2</sup>

# SPINOMED® III

“The single most important advancement in the conservative management of osteoporosis ever”

– Sara Meeks, PT  
Clinical specialist and author of *The Physical Therapy Management of Bone Health – A Clinician’s Guide*

“Spinomed® is the only brace that has been investigated scientifically to date and whose mechanism of action has been proven”

– Prof. Helmut W. Minne, Der Fürstenhof Clinic, Bad Pyrmont, Germany

“It has been shown that a course of treatment with the Spinomed® back brace leads to a very rapid and very marked increase in the whole of the back musculature”

– Dr. Michael Pfeifer, Study Director, Der Fürstenhof Clinic, Bad Pyrmont, Germany

“I wouldn’t want to be without my Spinomed® brace; it has given me back my joy of living. I can breathe in more deeply because my chest isn’t constricted”

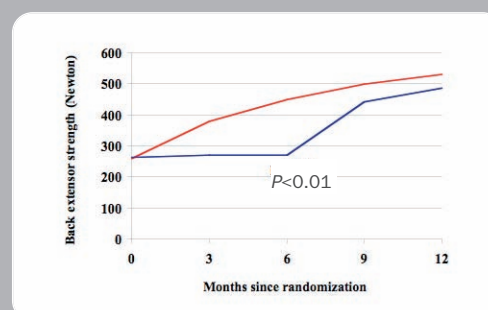
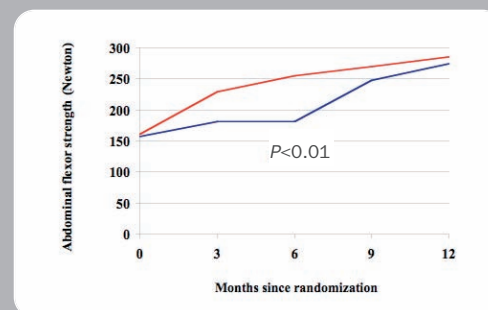
– Margarete Schlingmann, patient

# REAL SOLUTIONS

## CLINICALLY PROVEN

The Spinomed® III has been proven, in a published, peer reviewed, evidence-based study,<sup>4</sup> to:

- Strengthen back extensors by 73%
- Strengthen abdominal flexors by 58%
- Reduce angle of kyphosis by 11%
- Reduce daily pain by 38%
- Reduce body sway by 25%
- Increase vital capacity by 7%



Charts derived from Reference 4.

## INDICATIONS

- Osteoporotic bone collapse in the thoracic and lumbar spine
- Hyperkyphosis with chronic back pain

## MODE OF ACTION

- Initial stabilization of the spine after osteoporotic bone collapse
- Activation of the back muscles strengthens the spine and reduces hyperkyphosis
- Reduces the patient’s pain and promotes activity

## FEATURES

- Spinomed® III can be cold molded to most patients. Additional molding of posterior and anterior panels can be achieved with the use of heat
- All panels contained in attractive and comfortable fabric, garment portion of Spinomed® III uses padded moisture wicking material at all contact points and straps can be custom fit to each patient
- Full width posterior panel and anterior panel are removable as the patient condition improves
- Anti-migration straps and anti-migration silicone beads keep brace in position
- Convertible orthosis allows for greater range of use, applications and longevity
- No restriction of shoulder and arm movements
- No restriction of thoracic and abdominal breathing
- The Spinomed® III can be put on as easily as a jacket or backpack

