Spinomed® IV
Proven solutions for over 10 million Americans living with osteoporosis

medi. I feel better.
Real Problems

Osteoporosis

Osteoporosis, also known as bone loss, affects 1 in 4 Americans over the age of 50\(^1\), and is one of the ten most common diseases. Characterized by brittle bones, bent posture and decreasing height, this metabolic disease destroys more bone mass than is being replaced. Bones become porous and lose substance and strength, progressing unnoticed over time. By 2020, half of Americans over 50 will be at risk for developing bone loss\(^1\). Bone fractures, like a vertebral fracture, often occur out of the blue.

Vertebral Compression Fractures

- There are over 700,000 fractures per year in the United States\(^1\)
- People who suffer one fracture are five times more likely to suffer another one\(^2\)
- People who suffer two fractures are 12 times more likely to suffer another fracture\(^2\)
- Each fracture reduces lung capacity by 9 percent\(^3\)
- Fractures result in disability, diminished quality of life and immobility\(^2\)

Real Solutions

The Spinomed series has been proven to be a valuable and reliable addition to a comprehensive treatment program for patients suffering from the effects of osteoporosis.

Clinically Proven

The Spinomed series has been proven, in a published, peer reviewed, evidence-based study,\(^4\) 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.
“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 Furstenhof 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

“It has been shown that a course of treatment with the Spinomed® back brace leads to ease in the whole of the back musculature.”

Dr. Michael Pfeifer
Study Director, Der Furstenhof Clinic, Bad Pyrmont, Germany
Osteoporosis

• 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

1. Easy strap guidance: Ergonomically shaped shoulder straps make for easy application and increased wearing comfort.
2. Lightweight: Two functional straps ensure a clear, light structure and easy handling when putting it on.
3. Modern strap design: Small notches, stretch material and wide straps at the waist provide the necessary flexibility, secure fit and optimum wearing comfort.
4. Flexible strap: The newly developed flexible intermediate belt ensures that there is an optimum fit and that the belt system works effectively.
5. A perfect fit: A flexible and breathable material integrated into the stomach pad provides a good fit and a high degree of wearing comfort. It also facilitates closing under tension.
7. Removable anterior and posterior panels: The Spinomed® IV A/P utilizes an additional full-width posterior panel and anterior abdominal panel. The panels are covered in a breathable, moisture-wicking fabric to ensure high patient comfort. Both panels can be removed as needed to ensure maximum patient use as condition improves.
Spinomed® IV and Spinomed® IV A/P have been approved for code L0456

<table>
<thead>
<tr>
<th>Spine Length (inches)</th>
<th>Spine Length (cm)</th>
<th>Size</th>
<th>Spinomed IV A/P</th>
<th>Spinomed IV</th>
</tr>
</thead>
<tbody>
<tr>
<td>To 17”</td>
<td>To 43 cm</td>
<td>X-Small</td>
<td>85121</td>
<td>85021</td>
</tr>
<tr>
<td>17 – 19 1/2”</td>
<td>44 – 49 cm</td>
<td>Small</td>
<td>85122</td>
<td>85022</td>
</tr>
<tr>
<td>19 1/2” – 21 3/4”</td>
<td>50 – 55 cm</td>
<td>Medium</td>
<td>85123</td>
<td>85023</td>
</tr>
<tr>
<td>21 3/4” – 24”</td>
<td>56 – 61 cm</td>
<td>Large</td>
<td>85124</td>
<td>85024</td>
</tr>
<tr>
<td>24” – 26 1/2”</td>
<td>62 – 67 cm</td>
<td>X-Large</td>
<td>85125</td>
<td>85025</td>
</tr>
</tbody>
</table>

Measurement: from the sacrum to just below the C7 following the spinal curvature
Spinomed carries U.S. Patent Number 6,063,047, Patent EP 0917864
