SpineMED® Awarded Patent For Pelvic Restraint System

SpineMED® received Patent # 7201729 for the pelvic restraint system, a key component of their flagship product, SpineMED® Decompression. The gel padded pelvic horns and pelvic tilt system combine to differentiate and improve upon second generation decompression tables.

The unique pelvic restraint horns are designed to provide a secure, comfortable and repeatable set up, eliminating variability, slippage and inconvenience. The gel padding disperses the force evenly around the pelvis and the restraints are tilted so that it requires very little tightening to get a secure capture.

SpineMED®'s pelvic tilt feature adjusts the patient's pelvis positioning to accurately isolate and decompress specific spinal segments. It rotates the pelvis between 0-25 degrees during lumbar sessions.

"The traditional nylon harness restraint systems were one of the most obvious points of frustration with the older decompression tables. Not only was setting the patient up time and labor intensive, the harnesses also introduced variability, slippage and discomfort." says Tim Emsky, Managing Director of SpineMED®. "The solution was to eliminate the old nylon harnesses and create a simple, yet amazingly effective restraint system."

"Furthermore, the application of force is dramatically improved with SpineMED®'s pelvic restraint system", says Richard Beaumont, Head Engineer of SpineMED® . "The direct capture we are able to achieve improves isolation of the spinal segments and allows instantaneous energy transfer. While with the older tower and harness design, energy is absorbed and lost in the elaborate strap, rope and pulley system."