



### Contact Information

**Applied Spine Technologies**  
30 Cold Spring Road  
Rocky Hill, CT 06067  
203-503-0280  
www.appliedspine.com

### Management Team

**Craig Corrance**  
Chief Executive Officer  
ccorrance@appliedspine.com

**Terry Brennan**  
Chief Financial Officer  
tbrennan@appliedspine.com

**Michele Lucey**  
Vice President, Regulatory Affairs  
and Quality Assurance  
mlucey@appliedspine.com

**Bruce Robie**  
Interim Vice President, Research  
and Development  
brobie@appliedspine.com

### Investment Team

**Oxford Bioscience Partners**  
Ellen S. Baron, Ph.D.  
Partner

**BioVentures Investors**  
Marc Goldberg  
General Partner

**Investor Growth Capital**  
Stephen Campe  
Managing Director

**InterWest Partners**  
Michael Sweeney  
General Partner

**MB Venture Partners**  
Gary Stevenson  
General Partner

**De Novo Ventures**  
David M. Mauney, MD  
Managing Director

### 'MOTION PRESERVATION' DEVICES ARE BROADENING THE ALTERNATIVES FOR SURGICAL SPINE CARE.

While spinal fusion remains an accepted standard of care, fusion does have consequences. The elimination of motion by fusion at one level may cause adjacent segment disease and is one of the key consequences that motion preserving technologies seek to prevent. As a result, surgeons are seeking motion preserving technologies to maintain natural motion in the spine, with the goal of improving overall surgical outcomes. The Stabilimax® Dynamic Spine Stabilization System is an investigational non-fusion platform designed to support an injured or degenerated spine while preserving spine motion. Developed by Applied Spine Technologies, the Company is currently in an FDA clinical IDE trial to compare posterior dynamic stabilization using the Stabilimax System to traditional spinal fusion.

### ARTIFICIAL DISCS, INTERSPINOUS PROCESS SPACERS, AND DYNAMIC CONSTRUCTS CONTINUE TO EVOLVE, EACH WITH THE GOAL OF BECOMING THE STANDARD OF CARE.

In the United States, motion preserving technology experience began with the FDA clearance of the Charite´ artificial disc in 2004. Since then, all of the approved lumbar artificial discs (and a majority in development) are designed to be implanted from the anterior approach. Many spine surgeons are familiar with the anterior approach based on experience with cervical spine fusion; however most surgeons prefer a posterior approach to treat the lumbar spine. The Stabilimax System's lumbar pedicle based dynamic stabilization system utilizes the typical posterior surgical approach, which is used in approximately 70% of all lumbar spine surgery, to maintain motion and respect near-normal kinematics.

### STABILIMAX PROVIDES A MIDDLE ROAD BETWEEN DISC ARTHROPLASTY AND SPINE FUSION WHICH MAY BE MORE CONSISTENTLY SUCCESSFUL FOR PATIENTS AND THEIR SURGEONS.

A true dynamic stabilization implant is one that has an optimum stiffness profile, permits interpedicular travel, and maintains a near normal center of rotation. The Stabilimax System meets these requirements utilizing a novel dual-spring mechanism that is intended to maximize support where it is most needed. Stabilimax has been shown in laboratory testing to alleviate the load on surrounding muscles and tissues that would otherwise be required to compensate at that segment, and by doing so, it is intended to allow for a degree of motion, function and tissue-healing at the affected segment.

### PURSuing THE GOAL OF GOOD FUNCTIONAL OUTCOMES NOW, AND LOWERING THE RISK OF ADJACENT LEVEL PROBLEMS LATER.

Applied Spine Technologies, Inc. is conducting a multi-center, randomized, controlled clinical trial to compare posterior dynamic stabilization using the Stabilimax Dynamic Spine Stabilization System to traditional spinal fusion stabilization to treat degenerative lumbar spinal stenosis. The Company has enrolled over 100 patients to date.

### Stabilimax® Dynamic Spine Stabilization System



The Stabilimax® System is a posterior lumbar dynamic stabilization device designed to support an injured or degenerated spine without eliminating motion.

## Stabilimax®. The New Dynamic in Motion Preservation™