

### Company Introduction

Headquartered in Pasadena, USA, Spirit Spine Holdings Corporation, Inc. (Spirit Spine) is a medical device company dedicated solely to provide the most advanced technologies and options in treating the Vertebral Compression Fractures (V.C.F.) caused by Osteoporosis.

Our mission is "Simplicity, Stability, and Safety" for Spine Surgeries. In addition to our existing product lines, we are currently pursuing a strategy to globally commercialize our latest development, KyVex™, The Advanced Vesselpasty System, along with our Osteo-G® Osteo-Inductive Bone Cement, to efficiently treat patients who suffer from back pains created from spinal compression fractures.

Taiwan Patent:  
1273902  
US Patent:  
2007/0049961  
China Patent:  
200510095869



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## VESICA® BONE FILLER DELIVERY SYSTEM

INNOVATIONS FOR VCF PATHOLOGIES



VESICA®

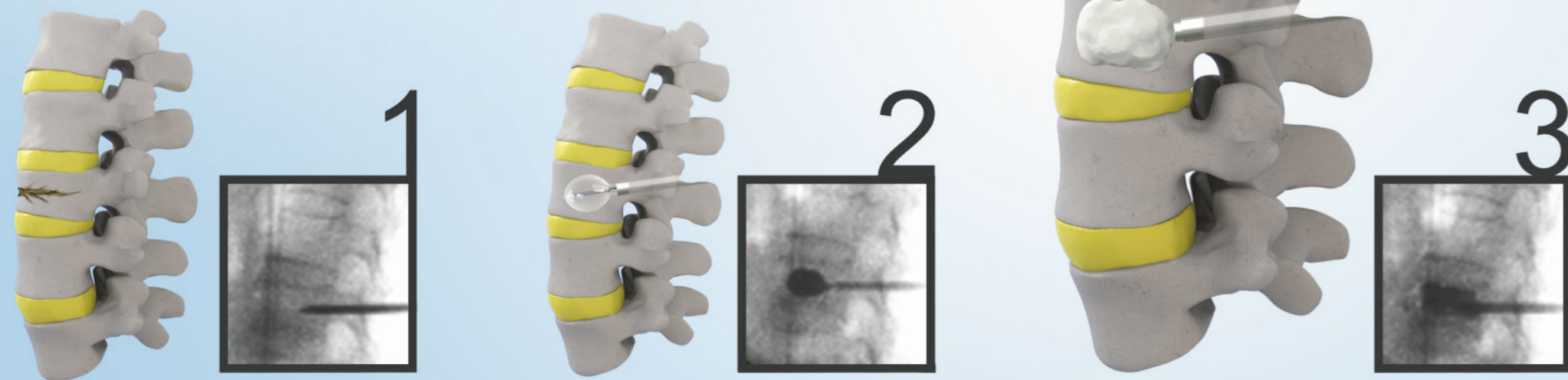
"Simplicity, Stability, and Safety" for Interventional Spine Surgeries.



## Kyphoplasty

The VESICA Bone Filler Delivery System is designed for the most safe & accurate reduction and fixation of spine fractures and void creation for kyphoplasty through MIS approach.

Trained physician percutaneously create a working path into the fractured vertebra, then insert a special orthopedic ballon through the working path. The ballon is slowly inflated with radiopaque solution to raise the collapsed vertebral body and to create a cavity in the vertebral body. Once the vertebral body is restored to the correct position, the ballon is carefully deflated and removed. The cavity is filled with bone cement to stabilize the fractured vertebra, increase vertebral strength and restore vertebral height.



### Highlights

1. Safe in cement injection
2. Achieve restoring vertebral height
3. Fracture pain relieved quickly
4. Minimally Invasive Kyphoplasty

### Bone Access Tools

Ref.no	Title	Product Code	Spec.
T-N201	Bone Access Needle	TN1-41	Gauge 8
		TN1-34	Gauge 10
		TN1-30	Gauge 11
T-S801	Bone Access Needle 3in1	-	Gauge 8

### Expanding Device

Ref.no	Title	Product Code	Spec.
T-V303	Expanding Vesica	TV3-15	15mm
		TV3-20	20mm
		TV3-25	25mm
T-D401	Precision Drill	-	Gauge 10

### Delivery System

Ref.no	Title	Product Code	Spec.
T-C306	CCD with Pressure Gauge	-	25ml
T-I102	Open-End Introducer	TI2-34	1.5ml
		TI2-28	1.2ml

### Optional Tools

Ref.no	Product Name	Product Code	Spec.
T-51	Cannula	-	Gauge 8
T-S901	Sounder	-	-
T-S902	Bone Stir	-	-
T-B211	Biopsy Needles	TB1-34	Gauge 10
		TB1-28	Gauge 12

