

enSpire™ FLEX MIS Discectomy System Replaces Manual Instruments with Articulating Power Tool

Easier, Faster, and More Thorough Discectomy and Simultaneous Endplate Preparation

A number of techniques exist for interbody fusion of the lumbar spine, each with its own limitations and advantages. As spine surgery trends toward minimally invasive (MIS) access and techniques, and posterior and lateral approaches increasingly replace ALIFs, the challenges associated with traditional discectomy instrumentation are clearer than ever. The enSpire™ FLEX MIS Surgical Discectomy System (Spine View, Inc., Fremont, CA), is a novel, safe, powered technology platform that facilitates a more complete discectomy, including endplate preparation, accelerating tissue removal in both open and MIS procedures, including TLIF, PLIF and Lateral.



The enSpire™ FLEX MIS Discectomy System enables the simultaneous cutting and removal of disc material and endplate cartilage, with a unique ability to articulate. The result is a more thorough, more effective radical discectomy, considered a major contributing factor to a successful interbody fusion.

enSpire™ FLEX MIS Discectomy System

“There’s a real opportunity with this device to make MIS easier and better,” according to John Pelozo,

M.D., a Dallas orthopedic surgeon who’s practice specializes in MIS spine procedures, including lumbar fusion.

Dr. Pelozo explains: “We can fill in the back space, away from the implant, increasing the surface space. The larger the fusion area, the better the healing.

After more than 50 procedures using the enSpire device, Brad Jones, M.D., an orthopedic surgeon in Redding, CA, reports (1) a drastic reduction in the number of instrument passes; (2) reduction of discectomy time by 50 to 75 percent; and (3) significantly increased local bone graft. He also speaks to the economics associated with the system. “Our BMP usage has gone down dramatically with this. If you can demonstrate that you are saving 10-15 minutes per case per level, that’s a dramatic cost savings for the hospital.”

Regarding economics, besides a more expedited discectomy, which provides a significant time savings, Dr. Patel reports that “with the use of the enSpire FLEX, I’ve completely stopped using BMP for MIS TLIF procedures.”

A clinical study is underway to further investigate time differences with the use of the enSpire system. The time difference is expected to be far greater when performed clinically, as vital nervous tissue would then need to be navigated with each instrument pass. Significantly reduced time and instrument passes may translate into decreased blood loss, decreased risk of neurological injury and infection, and decreased operating room time and physician fatigue.

For more information about the enSpire™ FLEX MIS Discectomy System contact Spine View, Inc. at 877-704-1367 or customerservice@spineview.com.

**Please visit us at Booth #2441 at NASS,
November 2-4, 2011 in Chicago, IL.**