

Data Shows High Fusion Rates For Spinal Surgery Patients

Lanx, Inc. today announced new clinical data that shows a 94 percent fusion rate and positive clinical outcomes achieved with the ASPEN MIS Fusion System. The company feels this offers further evidence that minimally invasive spinous process fixation offers effective stabilization to promote fusion and pain reduction. The data were presented at the Western Neurosurgical Society annual meeting.

The study, presented by Amir Vokshoor, MD, of the Institute of Neurosurgical Innovation, Marina del Rey, CA, evaluated 85 consecutive patients who underwent lumbar fusion with the ASPEN system. An independent radiologist used post-operative CT imaging to assess posterior fusion, as well as interbody fusion when applicable, and found it was successfully achieved in 94 percent of patients. Additionally, pain reduction was evaluated using Visual Analog Scale (VAS) values measured pre-operatively and post-operatively for up to two years, with findings demonstrating a clinically and statistically significant improvement from an average score of 6.5/10 pre-operatively to 2.9/10 within three months following surgery. This level of improvement was maintained throughout the follow-up period.

The ASPEN system is currently being used in a wide range of surgical applications, including posterior lumbar fusions (PLF) and interbody fusions (PLIF, TLIF, ALIF and Lateral) for the treatment of degenerative disc disease, spondylolisthesis, spinal trauma or spinal tumor.

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