Lanx, Inc. Announces Aspenâ„¢ Spinous Process Fixation System Clinical Data at IMAST

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BROOMFIELD, Colo., July 25, 2011 /PRNewswire/ -- Lanx®, Inc., a privately held medical device company focused on developing and commercializing innovative devices for spinal surgery, announced its Aspen™ Spinous Process Fixation System (Aspen) was featured in two poster presentations at The 18th International Meeting on Advanced Spine Techniques (IMAST) in Copenhagen, Denmark, July 13th to 16th.

Dan Gladney, Chief Executive Officer, Lanx, commented, "These scientific sessions at IMAST add to our growing body of data that continue to validate the versatility and efficacy of the Aspen system as a viable alternative to pedicle screw-rod fixation, as well as an effective adjunct to fusion. We see great opportunity in the spinous process fixation market and plan to leverage our leadership position to expand our platform with this proven, proprietary technology."

At the meeting, Dr. Mitchell Hardenbrook of The Boston Spine Group in collaboration with Colorado State University presented "Rigid Spinous Process System Fixation vs. Pedicle Screw Fixation in a Posterolateral Lumbar Arthrodesis Construct – Comparison of Fusion Rates." In this study, 24 sheep underwent a posterolateral fusion procedure at L5-L6, with autograft placed between the transverse processes. Twelve received the Aspen device and 12 received a bilateral pedicle screw-rod construct. Within 6 months following surgery CT analysis showed 12 of 12 sheep in the Aspen device group with robust bridging bone on at least one side, whereas only 7 of 12 in the pedicle screw group showed the same degree of bridging bone on at least one side.

Also at the meeting, Dr. Dean G. Karahalios of North Shore University Health System in collaboration with Barrow Neurological Institute presented "Biomechanics of Lumbar Facet Screws and Interspinous Anchor." The study compared the biomechanics of five different constructs combining facet screws, pedicle screws and the Aspen device, evaluat
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[1] http://www.bio-medicine.org/medicine-technology-1/Lanx--Inc--Announces-Aspen-u2122-Spinous-Process-Fixation-System-Clinical-Data-at-IMAST-19007-1/