Baxano’s iO-Flex® Technology Highlighted in Clinical Interventions in Aging

The Associated Press

SAN JOSE, Calif.--(BUSINESS WIRE)--Jul 26, 2012--Baxano, Inc., the manufacturer of the innovative and cost-effective iO-Flex ® System, announced today the publication of a peer-reviewed study highlighting the advantages of the flagship iO-Flex technology in performing lumbar spinal decompression, a procedure that can be done with and without spinal fusion.

The July issue of Clinical Interventions in Aging features an article entitled “Facet-sparing lumbar decompression with a minimally invasive flexible MicroBlade Shaver ® versus traditional decompression: quantitative radiographic assessment” (. 2012;7:257-66. Epub 20 July 2012) from a study performed by several neuro and orthopaedic spine surgeons, including lead authors Carl Lauryssen, MD from Beverly Hills, CA and Sigurd Berven, MD from UC, San Francisco.

Results from the study suggest that the iO-Flex technology can provide significant advantages over traditional decompression instruments by allowing surgeons to perform a more thorough decompression of the lateral recess and foramen with less disruption of the posterior stabilizing elements of the spine.

“Standard surgical techniques for treating lumbar spinal stenosis have significant limitations, including access to lateral and foraminal compression and postoperative instability. This study demonstrates how the iO-Flex System overcomes these limitations while still providing complete decompression,” stated Dr. Lauryssen.

“Clinical evidence, superior patient outcomes, and cost-effective solutions are paramount for medical device companies in today’s healthcare environment,” said Tony Recupero, President and Chief Executive Officer of Baxano. “We are extremely encouraged by the clinical evidence and strong adoption of the iO-Flex System by healthcare providers. Second quarter 2012 sales growth was up 30% over first quarter this year. With the continued drive in healthcare for quality improvements that also reduce overall cost, this publication and the favorable clinical and economic data we have seen from our post-market clinical studies, help position Baxano for significant further growth.” Baxano will be exhibiting and featuring the iO-Flex System next week at the Spine Across the Sea conference in Kauai, Hawaii.

About the iO-Flex ® System The Baxano iO-Flex System is the first minimally invasive set of flexible instruments allowing surgeons to target lumbar stenosis in the central canal, lateral recess, and neural foramen with minimal disruption to the patient’s healthy anatomy critical for maintaining spinal stability. It is the only treatment alternative that allows surgeons to decompress up to four nerve roots through a single laminotomy.

About Lumbar Spinal Stenosis Lumbar spinal stenosis is a degenerative medical condition in which the spinal canal narrows and compresses the spinal cord and nerves in the lumbar area of the spine. Symptoms include pain, weakness, numbness, and tingling in the lower back and legs. Decompression surgery is a common procedure used to treat lumbar spinal stenosis by cutting away overgrown bone and tissue causing pressure on the spinal nerves. Approximately 325,000 decompression procedures are performed in the United States each year to treat lumbar spinal stenosis.

About Baxano, Inc. Baxano, Inc., based in San Jose, California, is a privately held company, which was founded in 2005 with the vision to create flexible tools to provide precision lumbar decompression from the "inside out." These platform technologies will form the basis for future product offerings. Baxano's mission is to develop innovative tools that restore spine function, preserve healthy tissue, and enable a better quality of life for patients. Along with its dedication to advanced technology development, Baxano is focused on providing exceptional value to patients, customers, investors, and employees.

Caution: Federal law restricts this device to sale by or on the order of a physician.

For complete information regarding Intended/Indications for Use, Precautions, Warnings, and potential adverse events, please refer to respective Instructions for Use.

For more information about Baxano, the iO-Flex System, or the company's post-market clinical studies, please visit: www.baxano.com or contact media relations representative Paul Williams at 310/569-0023 or paul@medialinecommunications.com.

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