Robotic Surgical Guidance System

August 26, 2011

Mazor Robotics Ltd. (TASE: MZOR) introduces Renaissance™, the next-generation of its spinal robotic surgical guidance system. Renaissance is equipped with new capabilities that will extend the ability of surgeons to perform a wide range of procedures, including complex spine surgeries.
Renaissance is powered by Mazor Robotics' core technology which has been clinically validated with SpineAssist®, Mazor Robotics' previous system for spine surgery. SpineAssist was successfully utilized in over 2,000 spinal surgeries worldwide, accurately placing more than 12,000 implants.

Renaissance features an entirely new design and human interface, as well as next-generation hardware and software technologies. These are designed to increase surgical safety as well as extend the range of clinical applications, enabling osteotomies, transfacet and translaminar-facet implant placements, in addition to procedures such as spinal fusions and scoliosis corrections currently performed with Mazor Robotics' technology. Renaissance also serves as a platform that will support future clinical applications, such as robotic-guided cranial surgeries.

Continuing Mazor Robotics' commitment to safety, Renaissance reduces radiation protocols for preoperative CTs by up to 50%, which means patients will be exposed to significantly less radiation. The Company also collaborated with surgeons on developing surgical tools and technological enhancements for Renaissance that further reduce the potential for human error.

For more information, visit www.mazorrobotics.com [1]

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