



Invivo Robotics DBS System that Includes First-Of-Its-Kind Wireless Software

For people living with Parkinson's disease and essential tremor, deep brain stimulation can transform their lives

SHANGHAI, SHANGHAI, CHINA, March 13, 2018 /EINPresswire.com/ -- [Invivo Robotics](#), one of the pioneers in the rapidly emerging field of robotic-assisted minimally invasive surgery, is pleased to announce its research findings in deep brain stimulation is leading to growing advancements in the field and new technology that is making DBS even more effective.

The fast-growing field includes devices that change your nerve activity by sending electrical signals to a specific area in your body, according to the International Neuromodulation Society.

From neuromodulation comes a therapy called a deep brain stimulation (DBS). For people living with Parkinson's disease and essential tremor, deep brain stimulation can be a revelation as they manage complex medical conditions, transforming their lives for the better.

What is DBS?

Deep brain stimulation (DBS) is a process that sends electrical impulses to parts of your brain that aren't working properly, enabling the currents to realign. According to the International Neuromodulation Society, a DBS system helps to restore the stability of brain circuits that have been disturbed so your brain activity returns to normal.

Blocking tremors, calming nerves in essential tremor

DBS is also a highly effective medical therapy for people with essential tremor, a common movement disorder that causes people's hands or arms to shake while doing daily activities such as eating, drinking, or writing. An essential tremor may impact your head, vocal cords and tongue and worsen with stress, fatigue or stimulant medications.

DBS can block the abnormal nerve signals in your brain that cause these hand and arm tremors, restoring your natural balance.

Advancements in DBS

One example of a new deep brain stimulator is our Deep Brain Stimulation System, which delivers mild electrical pulses to certain targets in the brain to stimulate the structures involved in motor control, while blocking the electrical signals that cause involuntary movements. It's a DBS system that includes first-of-its-kind wireless software designed to make DBS therapy more efficient and personalized. It does this by combining three unique features: innovative directional lead technology, a wireless mobile platform and a sleek design for enhanced patient comfort. The device also includes the smallest bilateral primary cell.

About Invivo Robotics

Invivo Robotics is one of the pioneers in the rapidly emerging field of robotic-assisted minimally invasive surgery. Invivo Robotics serves globally providing technology innovation across cardiac, thoracic, urology, gynecologic, colorectal, pediatric and general surgical disciplines. The Company's surgical systems enables surgeons to operate minimally invasively. At Invivo Robotics, delivering our technology is just the beginning. The company is also committed to delivering the best customer experience. To ensure the customers gain the most utility from their Invivo Robotics systems, the firm

offers a comprehensive training and education program and first-rate customer support. Invivo Robotics has strong financial backing of leading global investors

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