

First Patient Implant of Stroke Treatment Device

MicroTransponder

MicroTransponder, Inc., a privately-held medical device company has several announcements. The Company announced that it completed a \$3.39 Million funding round this summer, which will enable the Company to complete 3 additional clinical trials using their neurostimulation system to treat both stroke patients and tinnitus patients and continue development of their wireless pain platform. This round of investment was led by Green Park & Golf Ventures, a Texas based healthcare investment firm. The round also included angel investors and the UT Horizon Fund.

“MicroTransponder’s VNS paired neurostimulation therapy has the potential to fundamentally change the standard of care for neurological disease,” states Dr. Clay Heighten, a founding partner of Green Park & Golf Ventures. “The MicroTransponder team is adept at translating neuroscience research into clinical therapies and we look forward to their efforts to improve the lives of millions of patients living with neurological disorders.”

MicroTransponder is dedicated to rigorous scientific research standards and thus continues to publish academic papers on their neuroscience research in respected peer reviewed academic journals. From this rigorous neuroscience research, a new vagus nerve stimulation therapy has been developed to treat various neurological disorders. The initial therapeutic targets are stroke, tinnitus, and chronic pain.

The Vivistim® System has been developed to treat stroke patients that experience an upper-limb deficit following their stroke. These are patients that are unable to fully recover the use of their upper-limbs at least 6 months following their stroke. A United Kingdom based clinical trial is underway using the Vivistim® System in the Glasgow and Newcastle areas. The first patient has been implanted and is receiving therapy. Anyone currently living in the UK interested in taking part in the study should contact: mvls-armweakness@glasgow.ac.uk or call 0141 211 2948. A U.S. based stroke trial is planned for 2014. Please visit www.MicroTransponder.com to get the latest updates.

The Serenity® System has been developed to treat patients who suffer from tinnitus. Tinnitus is the annoying perception of sound in the ears or head where no external source is present, commonly referred to as “constant ringing in the ears”. The American Tinnitus Association estimates that as many as 2 million Americans currently suffer from severe debilitating tinnitus. 850,000 Veterans currently suffer from tinnitus and the Veterans Administration is spending over \$1.5 Billion annually in disability payments.

The Serenity® System is a neurostimulation based system with a small implanted battery and wires that internally connect to the vagus nerve in the neck. As part of the therapy, the patient wears headphones and every time the system plays a tone, it also automatically delivers a small amount of neurostimulation to the patient’s

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Published on Medical Design Technology (<http://www.mdtmag.com>)

vagus nerve. This paired tone-stimulation treatment method is based on years of neuroscience research published in high impact journals. Tinnitus clinical trials in the U.S. will begin later this year; more details will be announced later in the year on www.MicroTransponder.com

Additionally, MicroTransponder announced the issuance of a U.S. Patent for “Timing Control for Paired Plasticity.” (U.S. Patent # 8,489,185). This patent forms the foundation of the intellectual property portfolio covering the device and paired neurostimulation therapy which can be used to treat a variety of neurological conditions.

This funding and stroke trial announcement is another important milestone for the Company. Frank McEachern, CEO of MicroTransponder, states, “We are committed to bringing this therapy to market. Patients with neurological disease currently have too few treatment options available to them. It is essential to bring neuroscience-based innovation into the clinic.”

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

Source URL (retrieved on 03/29/2015 - 12:17pm):

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Links:

[1] <http://www.microtransponder.com>