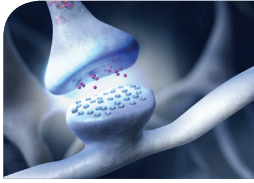


What is Advanced Therapy?

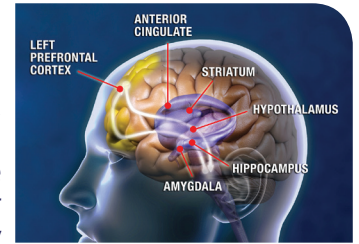
Transcranial magnetic stimulation (TMS) involves the use of a very short pulsed magnetic field to stimulate nerve cells in the brain. Since the 1980s, TMS has been used to study the nerve fibers that carry information about movements from the brain to the spinal cord and onto the muscles. In the late 1990's physicians began to explore the therapeutic potential of transcranial magnetic stimulation for the treatment of a variety of diseases, with depression being the most thoroughly studied to date. Since then, numerous trials have been conducted to investigate the safety and efficacy of TMS as a treatment for depression, with the two largest randomized trials being conducted with the NeuroStar[®] Advanced Therapy System.

NeuroStar Advanced Therapy, a treatment for depression,* is a non-invasive, outpatient procedure which uses a pulsed magnetic field to stimulate function in brain regions known to affect mood. NeuroStar Advanced Therapy is performed in a psychiatrist's office under their supervision while the patient remains awake and alert. The NeuroStar System is the fastest TMS device cleared by the FDA for the treatment of depression. NeuroStar Advanced Therapy is available by prescription only. It is not for everyone with depression, so patients should consult a NeuroStar doctor to determine this. For complete prescribing and safety information, please visit: www.NeuroStar.com.



How Does Advanced Therapy Work?

During NeuroStar Advanced Therapy, the treating clinician positions the treatment coil over the left prefrontal cortex, an area of the brain known to affect mood. Through the treatment coil, the NeuroStar System generates a highly focused, pulsed magnetic field, similar in type and strength to those produced by a magnetic resonance imaging (MRI) machine, to stimulate cortical neurons.



The TMS Process:^{1,2,3}

1. Pulsed magnetic fields induce small electric currents in the prefrontal cortex of the brain
2. Local neurons depolarize and release neurotransmitters
3. Distant areas of the limbic system are activated via neuronal pathways
4. Blood flow and glucose metabolism rise in the stimulated regions, which is thought to result in improved mood.

Repeated activation of the left prefrontal cortex is shown to produce antidepressant effects in patients suffering from major depression. NeuroStar provides targeted stimulation of the brain regions involved in mood regulation without the burden of systemic side effects.



NeuroStar delivers transcranial magnetic stimulation as an outpatient procedure, while patients remain awake and alert throughout treatment.

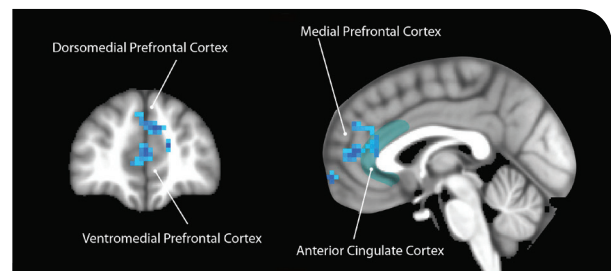


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2. George MS, et al. (2010). Daily Left Prefrontal Transcranial Magnetic Stimulation Therapy for Major Depressive Disorder: A Sham-Controlled Randomized Trial. *Arch Gen Psychiatry* 67(5):507-516.
3. Janicak PG, et al. (2008). Transcranial Magnetic Stimulation in the treatment of major depression: A comprehensive summary of safety experience from acute exposure, extended exposure, and during reintroduction treatment. *J Clin Psychiatry* 69(2):222-232.
4. Liston C, et al. (2014) Default mode network mechanisms of transcranial magnetic stimulation in depression. *Biol Psychiatry*, 76(7):517-26.

*NeuroStar Advanced Therapy is indicated for the treatment of Major Depressive Disorder in adult patients who have failed to receive satisfactory improvement from prior antidepressant medication in the current episode.

Questions? Call Customer Service Center: 1-877-600-7555 or visit NeuroStar.com