



# FINALLY... YOU CAN GET YOUR LIFE BACK

Have you been suffering from long-standing depression, experimenting with different types of medication with no success? Have you been experiencing the intolerable side effects of antidepressants, like weight changes, insomnia or sexual dysfunction?<sup>1</sup>

Brainsway's revolutionary Deep TMS depression treatment offers you a way out. Brainsway Deep TMS is a non-drug outpatient therapy which entails no systemic side effects<sup>2-5</sup> (effects deriving from medication entering the bloodstream and circulating throughout the body) and does not require hospitalization or anesthesia. At last, you can leave depression behind instead of trying drug after drug without improving.

An effective<sup>2</sup> depression treatment, Brainsway Deep TMS, uses magnetic pulses to stimulate brain structures responsible for depression. Brainsway Deep TMS can get your life back on track.



**Brainsway**

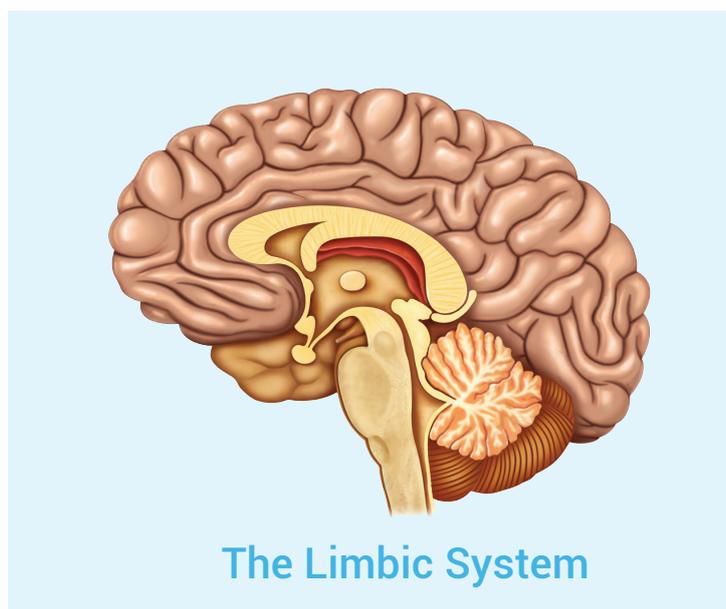
## Depression – a Bleak Cycle

Major depressive disorder is one of the most prevalent pathologies of our time, affecting nearly 15 million American adults each year<sup>6</sup>.

The effects of depression are life-changing, causing detriments to all aspects of life, from relationships to work and even to people's basic daily routine. The physical source of depression lies in neural structures within the human brain. Various abnormalities in the electrical functionality of the limbic system, which comprises brain networks controlling our emotions and drives, lead to major depressive disorder.

## Brainsway Deep TMS - Innovative Depression Treatment

Brainsway Deep TMS innovative depression treatment produces brief magnetic fields, at an amplitude similar to that used in MRI scanning. These magnetic fields stimulate the targeted brain area, generating excitation or inhibition of neurons in the left prefrontal cortex and improving depressive symptoms. The procedure typically requires daily sessions of 20 minutes over 4-6 weeks. During Deep TMS depression treatment sessions, patients remain alert and awake. After the session, patients can return home independently, and resume their normal daily routine.



## Certified and Globally Renowned

Brainsway's technology has been enthusiastically embraced by the international academic community, and has participated in over 60 clinical studies in leading institutions worldwide. The Brainsway Deep TMS depression treatment was cleared by the FDA<sup>2</sup> for treatment of a wide range of patients, suffering from mild to severe depression, who did not benefit from antidepressants. Brainsway's technology is based on a patent registered by the U.S. National Institutes of Health (NIH).



## Clinically Proven to Help Treatment Resistant Depression Patients

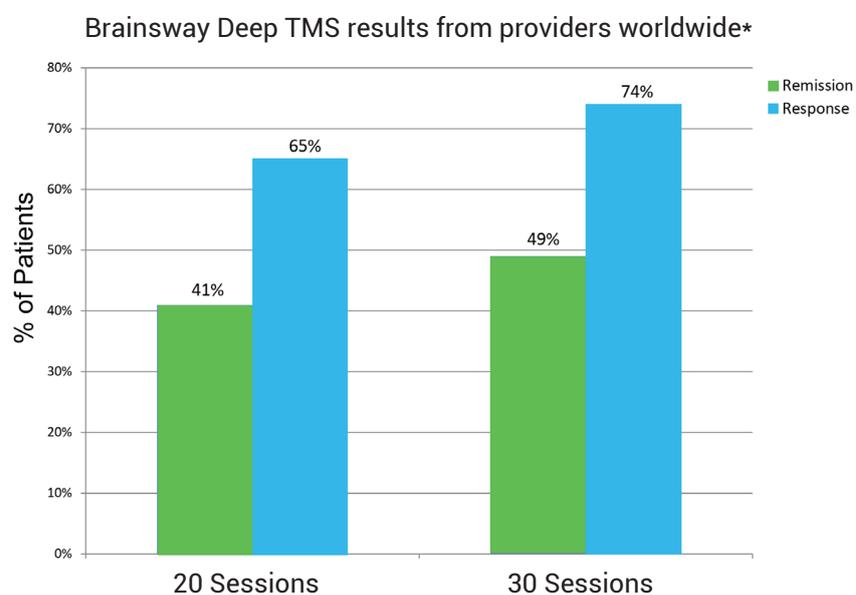
In a multi-center study<sup>2</sup>, Brainsway Deep TMS depression treatment was tested for treating major depressive disorder patients who previously used antidepressants unsuccessfully. In this multi-center study, enrolling 230 patients, Brainsway's depression treatment was found to bring significant improvement to patients. Following this study, the FDA cleared Brainsway Deep TMS for the treatment of depression patients who did not benefit from any number of previous medication treatments.

In an 18-week study<sup>5</sup>, following 4 weeks of Brainsway Deep TMS treatment, a significant decrease was found in depressive symptoms (based on Hamilton Depression Rating Scale) and maintained throughout the study. The procedure was generally well tolerated and no adverse events were reported. The results suggest that H-coil deep-TMS administered continuation treatment can help maintain an antidepressant effect for 18 weeks, following 4 weeks of acute treatment.

Brainsway Deep TMS depression treatment was clinically tested in a trial at McGill University in Canada<sup>7</sup> enrolling treatment resistant depression patients. Response (signifying an improvement of at least 50% in depression related symptoms) and remission (HDRS-21 scores, which rate depressive symptoms, lower than 10) rates were an impressive 70.6 and 41.2%, respectively. Depression, anxiety ratings and quality of life scores significantly improved as well. The study showed that Deep TMS therapy improves depressive and anxious symptoms in patients with severe, treatment resistant depression. Furthermore, Deep TMS treatment was not associated with serious adverse events.

*A variety of Brainsway providers have reported impressive results\* from various clinics around the world: Remission (HDRS-21 scores, which rate depressive symptoms, lower than 10) was achieved in 49% of the patients, and response (signifying an improvement of at least 50% in depressive symptoms) was achieved in 74% of patients, both after 6 weeks of treatment.*

*\* Data on file.*



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4. Isserles M, Rosenberg O, Dannon P, Lerer B and Zangen A (2011) Cognitive emotional reactivation during deep transcranial magnetic stimulation over the prefrontal cortex of depressive patients affects antidepressant outcomes. *Journal of Affective Disorders* 128: 235-242.
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6. Kessler RC, Chiu WT, Demler O, Walters EE. Prevalence, severity, and comorbidity of twelve-month DSM-IV disorders in the National Comorbidity Survey Replication (NCS-R). *Archives of General Psychiatry* 2005;62(6):617-627.
7. Berlin MT, Van den Eynde F, Tovar-Perdomo S, Chachamovich E, Zangen A, Turecki G. Augmenting antidepressants with deep transcranial magnetic stimulation (DTMS) in treatment-resistant major depression. *World J Biol Psychiatry*. 2014;15(7):570-578.

## FAQ

### Does Brainsway Deep TMS cause any long-term side effects?

Brainsway™ Deep TMS depression treatment is safe and effective, and has no known systemic side effects (effects caused by medication entering the bloodstream and circulating throughout the body). The most common side effects are headaches and local discomfort, which are both generally temporary and mild. Other side effects may include muscle twitching and jaw pain.

### Has Brainsway's technology been tested?

Brainsway's Deep TMS Technology has been tested in over 60 clinical studies, for various clinical indications. The FDA has cleared this technology for treatment of Major Depressive Disorder<sup>2</sup>.

### I have already tried different types of medication and had poor results – will it be different with Brainsway Deep TMS?

Various studies have found Brainsway's depression treatment to be effective for a wide variety of patients, including those with severe depression, who tried 1-4 antidepressants without success and those who have demonstrated intolerance to medication.

### Is Brainsway's depression treatment suitable for everyone?

In general, the treatment should not be used for patients with metal implants in or around the head (except for standard amalgam dental fillings). Please consult your doctor or Deep TMS provider to verify whether Brainsway Deep TMS is right for you..

### Why is Brainsway Deep TMS so effective?

Brainsway Deep TMS stimulates deep brain structures. According to studies, deep (ventral) PFC structures have a large number of connections with other reward system sites. (Leh et al., 2007). Brainsway's research<sup>2</sup> shows that Deep TMS has a significant effect on the patient's mood and emotional state.

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Or get more info at 1-855-200-DTMS (3867)



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