



Depression



Anxious Depression



**BrainsWay Deep TMS™ Offers Your Patients New Hope for Depression (MDD) and Anxious Depression**



**BrainsWay®**

[www.brainsway.com](http://www.brainsway.com)

# What is Deep Transcranial Magnetic Stimulation (Deep TMS)?

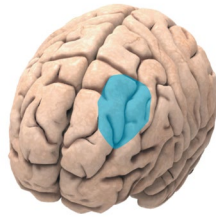
BrainsWay Deep TMS is a **noninvasive**, FDA-cleared, outpatient brain stimulation procedure with **proven clinical results** for improving symptoms of depression (including depression with comorbid anxiety).

The technology stimulates neuronal targets using its patented H-Coil, resulting in a deep and broad penetration of the magnetic field into areas of the brain that are affected in neuropsychiatric disorders.

Covered by most insurers for depression, Deep TMS is **safe and well-tolerated**, has **no systemic side effects**, and does not require anesthesia.



H1 Coil for Major Depressive Disorder (MDD)



Stimulation of the left dorsolateral prefrontal cortex

**If you have patients in your practice with treatment-resistant depression, consider referring for Deep TMS.**

# What Happens During Deep TMS Treatment Sessions?

Each 20-minute session involves stimulation of brain targets with Deep TMS.

The treatment coil delivers gentle electromagnetic pulses to key areas in the brain involved in mood regulation. These pulses feel like mild tapping on the scalp. The patient will be sitting comfortably in a chair, awake and alert during the treatment.



## Key points:

- Noninvasive in-office procedure
- No downtime after treatment
- Safe and well-tolerated, with no systemic side effects
- Short 20-min sessions (3-min intermittent theta burst session is also available)
- 20 sessions across 4 weeks followed by periodic maintenance sessions



# Why is BrainsWay a Good Option for Your Patients?

**Patients with severe depression symptoms do not always respond sufficiently to psychotherapy or pharmacotherapy.**

- Recurrent depression episodes, as well as negative expectations about depression treatment, have been shown to be associated with reduced outcomes for psychotherapy.<sup>1,2</sup>
- As shown in the STAR\*D study, 63% of depressed patients fail to achieve remission with first-line medication. 33% fail to achieve remission from any medication treatment.<sup>3</sup>

**Patients often discontinue medication due to serious side effects.**

- Antidepressant medication frequently produces debilitating side effects, such as weight gain, sexual dysfunction, suicidal thoughts, nausea, insomnia, and anxiety.

**We look forward to the opportunity to discuss Deep TMS treatment for your patients. Please contact us as follows:**

Name

Phone

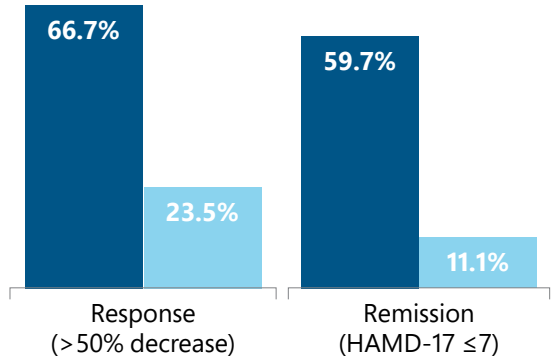
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# How Effective is Deep TMS in Treating Depression and Anxious Depression?

Safety and efficacy of BrainsWay's Deep TMS H1 Coil in alleviating depression symptoms has repeatedly been demonstrated in multiple clinical studies and real clinical usage.

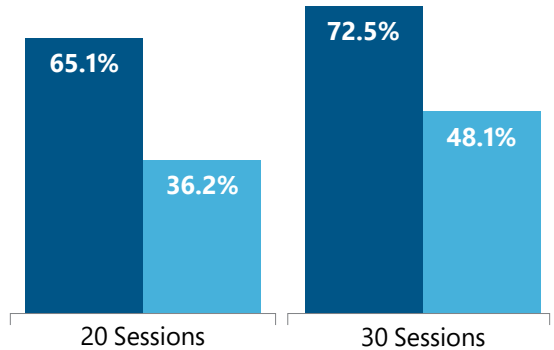
Deep TMS with medication shows a significant increase in response and remission rates compared to medication alone.<sup>4</sup>

- H1 Coil w/Medication
- Medication Alone



In real clinical practice settings, the majority of treatment-resistant depression patients have benefited from Deep TMS.<sup>5</sup>

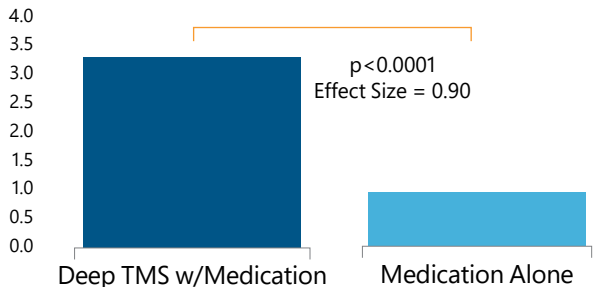
- Response
- Remission



## HDRS Anxiety/Somatization Score Reduction

From Baseline to Week 4

In an independent head-to-head study of depressed adults, Deep TMS outperformed medication alone in addressing comorbid anxiety symptoms.<sup>6</sup>



## BrainsWay Deep TMS Indication

BrainsWay Deep TMS is indicated by the FDA for the treatment of depressive episodes and for decreasing anxiety symptoms for those who may exhibit comorbid anxiety symptoms in adult patients suffering from MDD and who failed to achieve satisfactory improvement from previous antidepressant medication treatment in the current episode. FDA 510(k) No. K122288.

Safety Information — Patients should consult with their doctor before undergoing Deep TMS. The most common side-effects include headaches and application site pain or discomfort. There is also a very rare risk of seizure associated with the treatment. Patients with metal in or around the head, such as in metal plates, implants, and stents, should not undergo Deep TMS treatment.

<sup>1</sup> Carter, J.D., et al Patient predictors of response to cognitive behavior therapy and interpersonal psychotherapy in a randomized clinical trial for depression. *Journal of Affective Disorders*. 128 (2011) 252-261.

<sup>2</sup> Carter, J.D., et al Patient predictors of response to cognitive behavior therapy and schema therapy for depression. *Australian & New Zealand Journal of Psychiatry*. 52 (2018) 887-897

<sup>3</sup> Rush AJ, et al. Acute and longer-term outcomes in depressed outpatients requiring one or several treatment steps: a STAR\*D report *Am J Psychiatry*. 163 (2006) 1905-17

<sup>4</sup> Igor Filipčić, et al. Efficacy of repetitive transcranial magnetic stimulation using a figure-8-coil or an H1-Coil in treatment of major depressive disorder. *J Psychiatry Res*. 2019 Jul; 114:113-119

<sup>5</sup> SA Harvey, et al. Deep TMS for Major Depression, Interim Post-Marketing Analysis of 1040 Patients. *Brain Stimulation* 13 (2020) 1842e1862

<sup>6</sup> G.Pell, et.al. Efficacy of Deep TMS with the H1 Coil for Anxious Depression. *J Clin Med*. 2022 Feb 15;11(4):1015.



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