

# TMS Therapy for Treatment Resistant Depression (TRD)

Researchers have suggested that for some people, having too little of certain substances in the brain (called neurotransmitters) could contribute to depression. Restoring the balance of brain chemicals could help alleviate symptoms. Transcranial Magnetic Stimulation (TMS) is a non-invasive and non-drug method to help restore this balance.<sup>2,3,4</sup>

Magstim TMS Therapy involves the use of short pulses of magnetic energy to stimulate nerve cells in the brain. These magnetic pulses are delivered to the area in the brain that researchers believe is responsible for emotional judgement and mood regulation.<sup>4</sup>

The rapid magnetic pulses created by the TMS system, pass through the skull and generate an electric current in the brain directly under the treatment coil. These electric currents cause neurons to fire and stimulate surrounding brain cells.

**Approximately 58% of patients with treatment resistant MDD respond positively to TMS therapy.<sup>5</sup>**

Depressed



After TMS



In depressed patients the electrical activity in certain areas of the brain is reduced  
(Illustrative image based on PET scans)

## IRIS HEALING TMS

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## Antidepressants Not Working?

Ask your doctor about Magstim TMS Therapy



Most Insurance Policies Accepted

## TMS & Antidepressants

TMS is typically prescribed when antidepressants have failed, or when the side effects are intolerable. Antidepressants are systemic, which means that the medication is absorbed into the blood stream. This can cause numerous side effects. TMS is a non-invasive outpatient procedure with no systemic (drug related) side effects<sup>2,3</sup>

## TMS & ECT

TMS and Electroconvulsive Therapy (ECT) are both effective in the treatment of depression, but ECT is associated with more side effects such as memory loss. ECT requires general anesthesia while the electric currents are passed through the brain to induce a seizure. When given as an outpatient procedure the patient may not drive for 24 hours following ECT.

	Anti Depressants	ECT	TMS
Anxiety	●	●	
Blurred Vision	●		
Diarrhea / Constipation	●		
Dizziness	●	●	*Transient
Dry mouth	●	●	
Headache	●	●	*Transient
Scalp Discomfort			*Transient
Insomnia / Drowsiness	●	●	
Nausea	●	●	
Sexual Dysfunction	●		
Weight Gain	●		
Memory Loss	●	●	

*\*Short-term transient side effects have been noted in some cases. There have been infrequent reports of seizures associated with TMS. The estimated seizure risk is 0.03% of treatment sessions, or <1% of patients<sup>6</sup>*

## Frequently Asked Questions

### Is TMS covered by my insurance?

TMS is covered by most insurance providers including Medicare (and also by Medicaid in some states). Prior authorization is typically required for insurance coverage - your physician will manage this process. Typically, treatment with antidepressant medications and psychotherapy is needed before insurance will authorize TMS Therapy.

### Who can get TMS treatment?

Magstim TMS Therapy Systems are indicated for the treatment of Major Depressive Disorder in adult patients who have failed to achieve satisfactory improvement from prior antidepressant medication in this current episode. Your current physician may refer you to a TMS trained physician who can best determine if you are a candidate for TMS Therapy.

### What does TMS feel like?

The magnetic coil which delivers TMS is positioned on the head. You will hear a clicking sound and feel a tapping sensation on your head when the magnetic pulses are delivered. Many patients watch television or read during treatment.

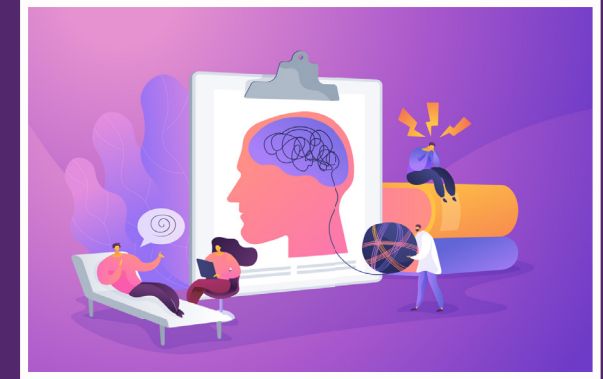
### Are there any side effects to TMS?

TMS is not associated with any of the systemic side effects typically experienced with antidepressants. Some patients report mild scalp discomfort or headaches during treatment, but normal activities can typically be resumed immediately after treatment.

### How long does TMS Therapy take?

Most insurances allow for TMS treatment over a 6-week period, 5 times per week. Each treatment is typically between 3 and 37 minutes depending on what the physician determines to be best for you.

## Why Choose TMS Therapy?



### FDA Cleared

TMS Therapy devices have been FDA cleared for the treatment of Major Depressive Disorder since 2008.



### Non-Pharmaceutical

TMS Therapy is non-systemic therefore is not associated with drug related side effects such as weight gain, drowsiness, sleeplessness, stomach upset or sexual problems.



### Non-Invasive

TMS Therapy does NOT involve surgery, insertion of intravenous lines or anything else put into your body.



### Covered by Insurance

TMS Therapy is covered by most major insurance providers including Medicare (and Medicaid in some states).



### Outpatient Treatment

TMS Therapy does not impair cognitive function, so patients can resume their

In Network With:

