

Why should you get TMS at Dr. Madkaiker's office?

Dr. Madkaiker has two decades of experience treating chronically depressed and severely ill patients. He has treated patients with medication combinations and Electroconvulsive Therapy. His team of dedicated professionals now the exciting opportunity to offer TMS as the treatment for severe depression in his office.



Satyen Madkaiker, MD, FAPA

3685 Crown Point Court
Jacksonville, FL 32257
Phone-904 8808840
Fax-904 8801994

www.jaxpsychiatry.com



Satyen Madkaiker, MD, FAPA

Live life again with
Transcranial Magnetic Stimulation.
Now offered at Dr. Madkaiker's
office in the Mandarin,
Jacksonville.

TMS is a depression treatment that is:

- FDA approved
- Covered by many insurances
- Safe and effective
- Non-invasive
- Does not require anesthesia
- Outpatient treatment
- With minimal side effects

Satyen Madkaiker, MD, FAPA
3685 Crown Point Court
Jacksonville, FL 32257
Phone-904 8808840
Fax-904 8801994
www.jaxpsychiatry.com

What is TMS?

Transcranial magnetic stimulation (TMS) is a noninvasive procedure that uses magnetic fields to stimulate nerve cells in the brain to improve symptoms of depression. TMS is typically effective when other depression treatments haven't worked.

How does it work?

During a TMS session, an electromagnetic coil is placed against your scalp near your forehead. The electromagnet painlessly delivers a magnetic pulse that stimulates nerve cells in the region of your brain involved in mood control and depression. And it may activate areas of the brain that have decreased activity in people with depression.

Though the biology of why TMS works isn't completely understood, the stimulation appears to affect how this part of the brain is working, which in turn seems to ease depression symptoms and improve mood. TMS is non-invasive and causes minimal side effects.

How is TMS different from medications?

TMS is a localized, non-invasive treatment that is used when repeated use of antidepressant & mood stabilizers have failed.

How is TMS different Electroconvulsive Therapy?

TMS is localized, non-invasive treatment that is performed in a conscious patient in a psychiatrist's office. It is practical and safe. Electroconvulsive Therapy involves inducing a generalized brain seizure while the patient is under anesthesia. It is a serious procedure that is usually performed in hospitals.

Is TMS an option for me?

In the US, TMS has been FDA approved since 2008 for the management of patients who actively depressed and have treatment-resistant depression. Please ask Dr. Madkaiker if TMS is appropriate for your depression if you have repeatedly failed medications or have not been able to tolerate medications.



What can you expect during your TMS treatments?

TMS treatment is performed at our office in Mandarin with our professional and dedicated staff members. Treatments usually last for 20 minutes and are performed five times a week for 4 to 6 weeks.

You will be seated in a comfortable chair with earplugs to protect your ears. Initially, measurements are taken to find the correct positions of the coils. On subsequent treatments, coils are positioned on the head and treatment begins. You may feel a moderate tapping on under the coils. You are alert and awake during procedures. After your treatment, you will be able to drive back home and continue with your daily activities.

Generally, TMS is considered safe and well-tolerated. However, it can cause some side effects.

Common side effects

Side effects are generally mild to moderate and temporary.

They may include

Headache

Scalp discomfort at the site of stimulation

Tingling, spasms or twitching of facial muscles

Lightheadedness

Uncommon side effects

Serious side effects are rare. They may include:

Seizures

Mania, particularly in people with bipolar disorder

More study is needed to determine whether TMS may have any long-term side effects.