



TRANSCRANIAL MAGNETIC STIMULATION (TMS)

Overview

Transcranial magnetic stimulation (TMS) is a non-invasive procedure that uses magnetic fields to stimulate nerve cells in the brain, improving symptoms of various mental disorders such as major depressive disorder, schizophrenia, bipolar disorder, depression, anxiety disorders like OCD, and post-traumatic stress disorder. It also facilitates stroke recovery and helps relieve pain from certain migraines.

TMS treatment uses repetitive magnetic pulses, which is why it's known as repetitive TMS, or rTMS.

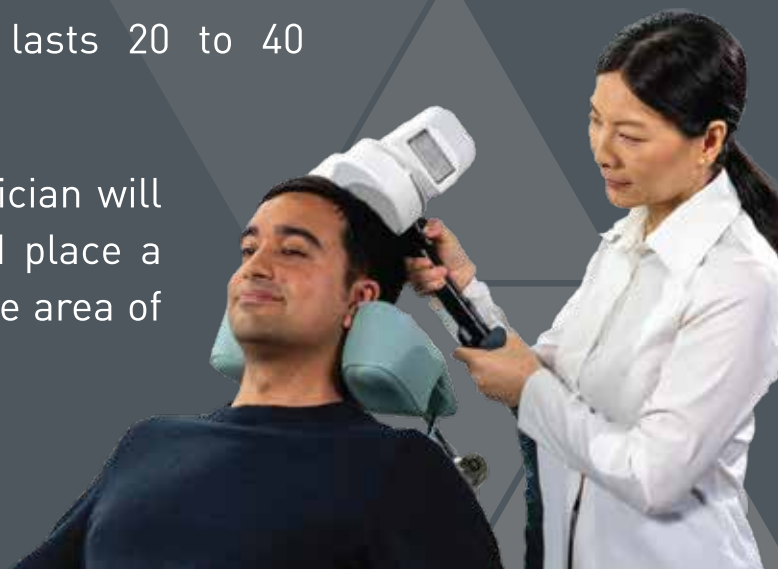


What to expect during TMS treatment

TMS is a relatively short, non-invasive, outpatient treatment. It doesn't involve surgery, requires no anaesthesia or sedation, and has no downtime. You stay awake and alert throughout the treatment.

A typical TMS treatment course includes daily sessions (5 times per week) for 4 to 6 weeks. Some people find it helpful to occasionally return for maintenance therapy following the initial treatment course. A TMS session generally lasts 20 to 40 minutes.

During your TMS treatment, the clinician will seat you in a comfortable chair and place a magnetic coil over your head near the area of the brain that needs treatment.



Short electromagnetic pulses are administered through the coil. The magnetic pulses easily pass through your skull and cause small electrical currents that stimulate nerve cells.

- You'll hear clicking sounds and feel a knocking, tapping, or tingling sensation on your head.
- You may feel some scalp discomfort during the treatment and for a short time afterward.

After TMS treatment is complete, you can immediately return to your daily activities, drive back to work or home, and continue as normal.

Common side effects:



Scalp discomfort



Headache



Fatigue or sleepiness



Lightheadedness

Tell your doctor if you have:

- ◆ Metal or implanted medical devices in your body.
- ◆ Aneurysm clips or coils
- ◆ Stents
- ◆ Implanted stimulators
- ◆ Implanted vagus nerve or deep brain stimulators
- ◆ Implanted electrical devices, such as pacemakers or medication pumps
- ◆ Electrodes for monitoring brain activity
- ◆ Cochlear implants for hearing
- ◆ Any magnetic implants



For more information, please contact
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