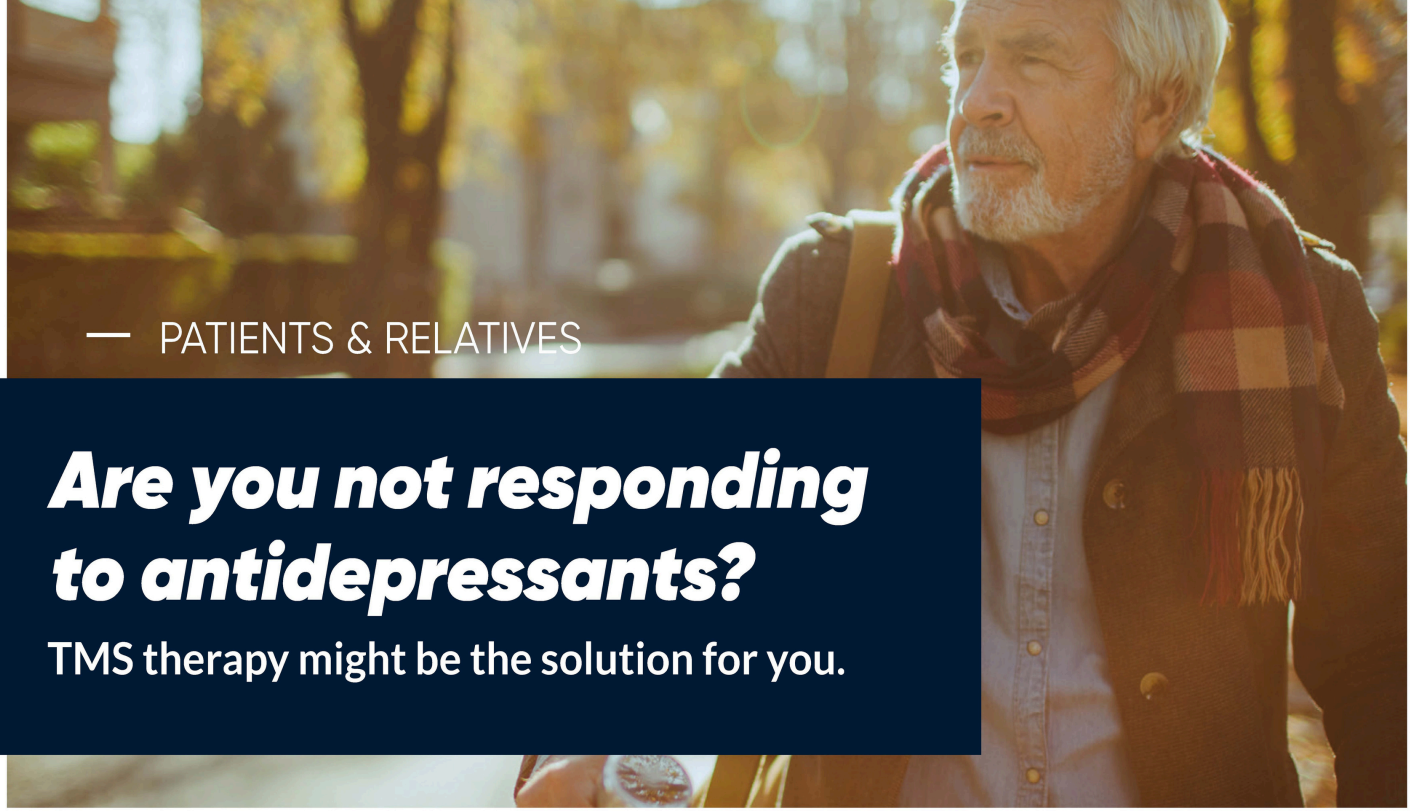


— PATIENTS & RELATIVES

Are you not responding to antidepressants?

TMS therapy might be the solution for you.

- Does not affect cognitive function
- No anesthesia
- Covered by most private providers
- Outpatient procedure
- FDA cleared*



Wyoming Behavioral Institute

OUTPATIENT AND TELEHEALTH CLINIC

307-439-2129





***Indication for use**

MagVenture TMS Therapy® is indicated for the treatment of Major Depressive Disorder in adult patients who have failed to receive satisfactory improvement from prior antidepressant medication in the current episode.

MagVenture *TMS Therapy®*

Introduction



This pamphlet is a brief introduction to TMS and to MagVenture TMS Therapy®. It is intended as a supplement to the consultation and advice from your physician, but does not replace these.

For more information on what to expect from the treatment, including what type of side effects you may experience (e.g. headache, worsening depression) you should talk to your doctor. TMS Therapy is a medical procedure and any side effects experienced during or after receiving the therapy should be reported to your doctor.

Your doctor's phone number: 307-439-2139

What is Transcranial Magnetic Stimulation (TMS)

TMS has been recommended by the American Psychiatric Association since 2010 and FDA cleared since 2008 for the treatment of major depressive disorder.

TMS is free from common antidepressant drug side effects such as weight gain and sexual dysfunction. TMS is not to be confused with ECT, and it does not affect cognitive function such as memory.



The magnetic coil which delivers the TMS treatment is positioned on the left front side of the head, over the part of the brain connecting all the different brain areas involved in depression.

MagVenture TMS Therapy® consists of repeated cycles of TMS followed by rest periods. Diagnosis and initial session is performed by a licensed physician. The remaining treatment sessions will typically be conducted by trained staff under the supervision of the physician.

TMS is non-invasive and does not require any anesthesia. As there is no recovery period, the patient can immediately return to his or her usual activities.

Effectiveness of TMS

The world's largest TMS trial to date found that 49% of the patients responded to the treatment, and 32% achieved full remission.[1] MagVenture TMS equipment was used for the trial.

[1]**Blumberger et al, 2018, The Lancet:**
THREE-D: a randomised non-inferiority trial.

TMS therapy for depression treatment: 7 frequently asked questions

Are you or a loved one struggling with major depressive disorder? Have you obtained no or inadequate relief from antidepressants, or is it difficult to tolerate the side effects? Maybe MagVenture TMS Therapy® could be the solution? Below you will find answers to some of the questions you may have.

1. What is TMS?

TMS is a non-invasive treatment where magnetic pulses are delivered to stimulate nerve cells in the part of the brain controlling the mood, which is often underactive in patients with depression. Repeated stimulation of this part of the brain has proven to produce an antidepressant effect on people suffering from depression. TMS is also known as rTMS (repetitive transcranial magnetic stimulation) because more than one magnetic pulse is delivered to the brain during a treatment session.

2. Am I a candidate for TMS?

TMS is indicated for the treatment of major depressive disorder in adult patients who have failed to receive satisfactory improvement from prior antidepressant medication in the current episode. MagVenture TMS Therapy® is available by prescription only. Your doctor will use medication dosing records and depression scores among other measures to determine whether or not you are a candidate for MagVenture TMS Therapy®.



3. How long does it take?

MagVenture TMS Therapy® is offered as Express TMS® which lasts 3 minutes or as standard TMS, lasting 19-37 minutes. One treatment is given per day, 5 times per week, over a period of 4-6 weeks.

4. What does TMS feel like?

You sit in a chair in a relaxed position. When the magnetic pulses are delivered you hear a clicking sound and feel a tapping sensation on your head. Many patients are able to watch television or read during treatment.

5. Are there any side effects to MagVenture TMS Therapy®?

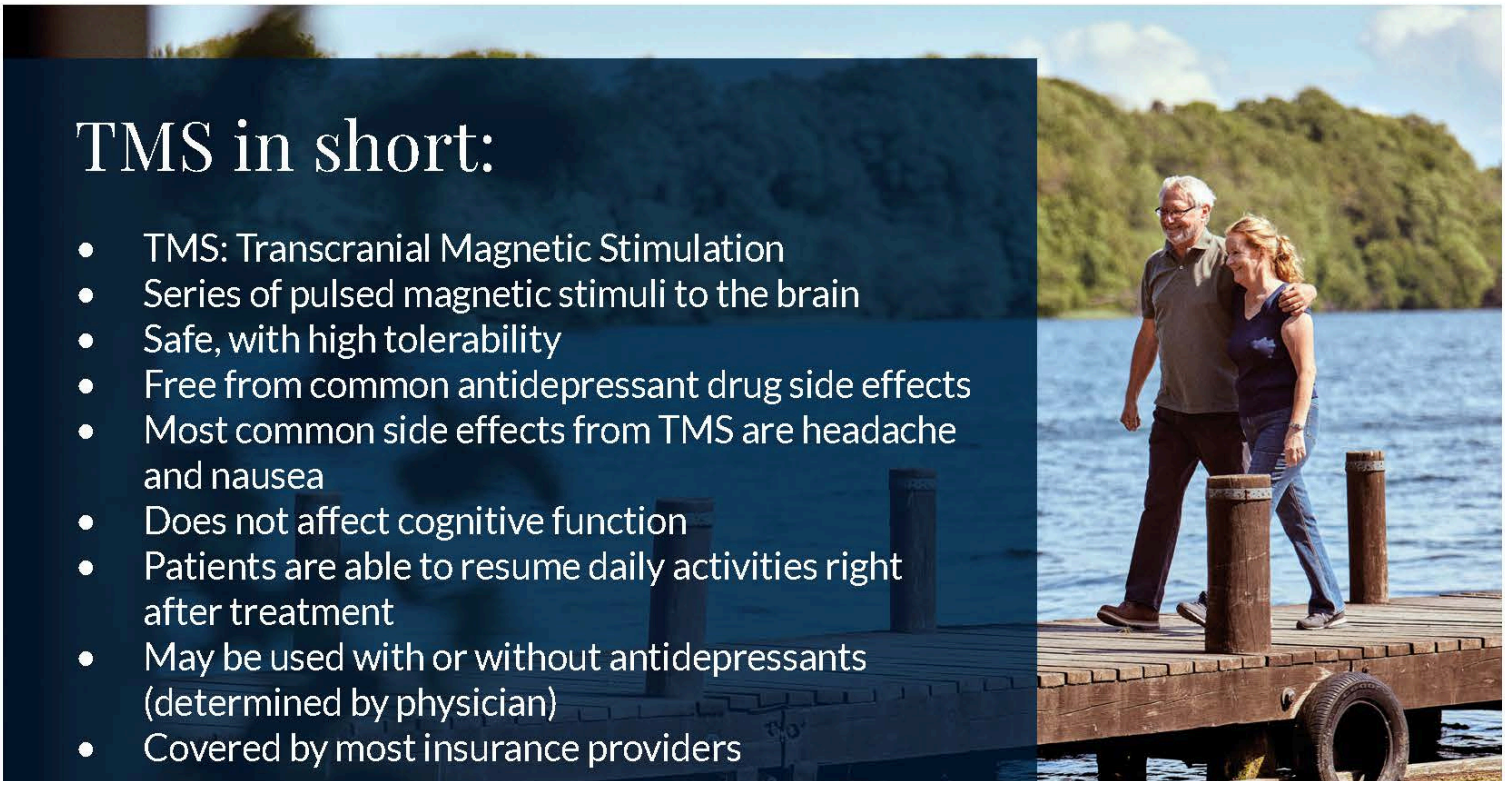
TMS treatment is without the side effects typically experienced with antidepressants, such as weight gain and sexual dysfunction. TMS may, for some, cause headache or nausea, but you should be able to resume your daily activities right after treatment. However, please note that TMS Therapy is a medical procedure and any side effects experienced during or after receiving the therapy should be reported to your doctor.

6. Is TMS covered by my insurance?

TMS is reimbursed by most insurance providers. Their policies may, however, vary. Pre-authorization, treater requirements (MD, CMA, RNP, RN etc.), number of drug failures, to name a few, can impact claim approvals. Always refer to your insurer's policy guides.

7. Where can I get treatment?

For a full listing of MagVenture TMS Therapy® providers in the US, please go to www.magventure.com/find-provider.



TMS in short:

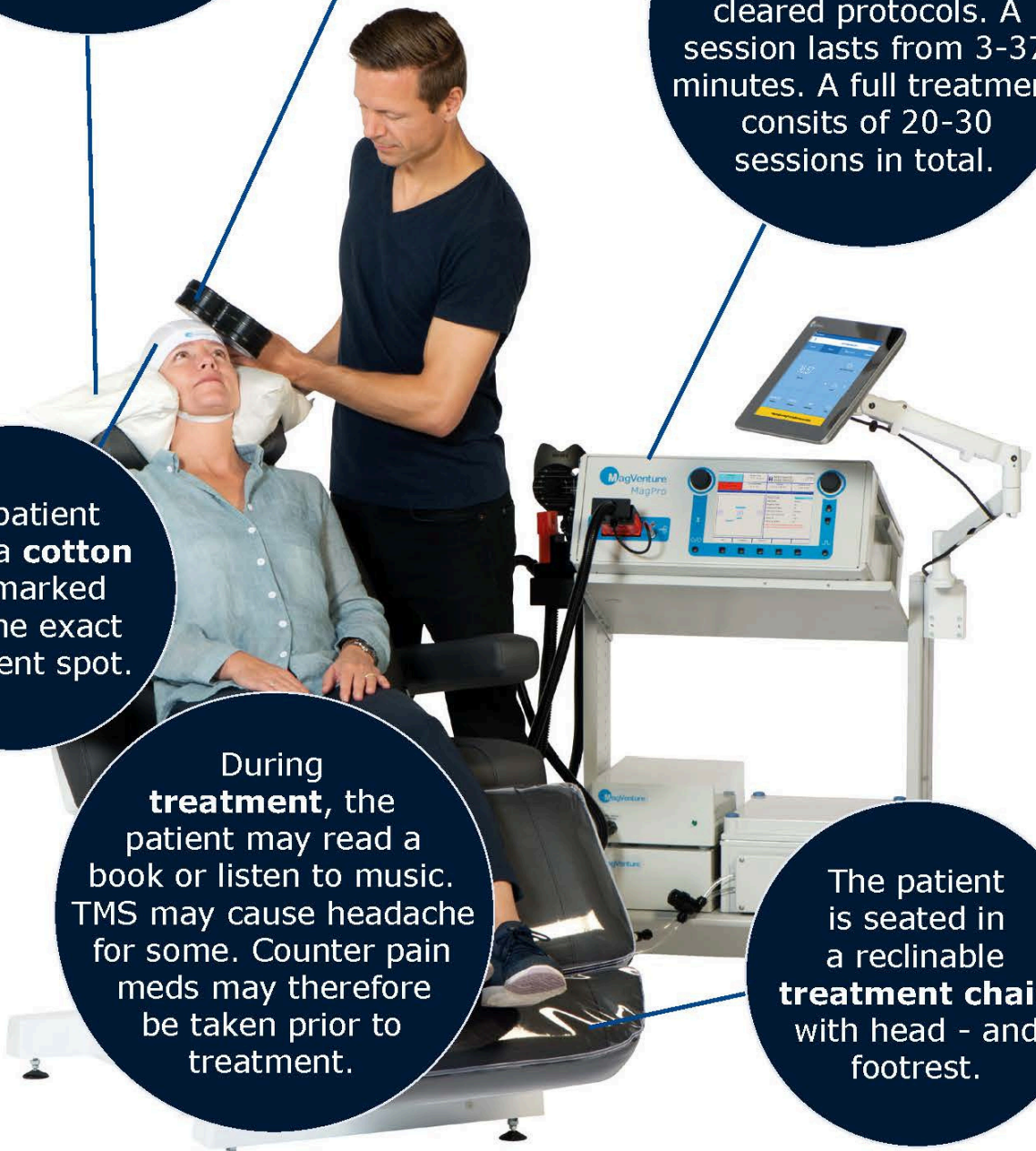
- TMS: Transcranial Magnetic Stimulation
- Series of pulsed magnetic stimuli to the brain
- Safe, with high tolerability
- Free from common antidepressant drug side effects
- Most common side effects from TMS are headache and nausea
- Does not affect cognitive function
- Patients are able to resume daily activities right after treatment
- May be used with or without antidepressants (determined by physician)
- Covered by most insurance providers

What happens during a MagVenture TMS Therapy® session?

A **pillow** is used around the patient's head. The pillow becomes rigid once the air is evacuated. This helps ensure that the patient's head is stable and that the patient is comfortable.

A TMS operator or physician places the **TMS coil** on the patient's head as marked on the cap and starts the TMS treatment.

The **stimulator** from MagVenture can run different FDA cleared protocols. A session lasts from 3-37 minutes. A full treatment consits of 20-30 sessions in total.



The patient wears a **cotton cap** marked with the exact treatment spot.

During **treatment**, the patient may read a book or listen to music. TMS may cause headache for some. Counter pain meds may therefore be taken prior to treatment.

The patient is seated in a reclinable **treatment chair** with head - and footrest.

Patient Questionnaire

To identify if MagVenture TMS Therapy® is right for you, your physician will ask you questions like:

❑ yes ❑no Do you have epilepsy or have you ever had a convulsion or a seizure?

❑ yes ❑ no Have you ever had a fainting spell or syncope? If yes, please describe on which occasion(s)?

_____

❑ yes ❑ no Have you ever had a head trauma that was diagnosed as a concussion or was associated with loss of consciousness?

❑ yes ❑ no Do you have any hearing problems or ringing in your ears?

❑ yes ❑ no Do you have cochlear implants?

❑ yes ❑ no Are you pregnant or is there any chance that you might be?

❑ yes ❑ no Do you have metal in the brain, skull or elsewhere in your body (e.g., splinters, fragments, clips, etc.)? If so, specify the type of metal.

_____

_____

❑ yes ❑ no Do you have an implanted neurostimulator (e.g., DBS, epidural/ subdural, VNS)?

❑ yes ❑ no Do you have a cardiac pacemaker or intracardiac lines?

❑ yes ❑ no Do you have a medication infusion device?

❑ yes ❑ no Are you taking any medications? (please list)

_____

_____

❑ yes ❑ no Did you ever undergo TMS in the past? If so, were there any problems?

_____

_____

❑ yes ❑ no Did you ever undergo MRI in the past? If so, were there any problems?

_____

_____

Affirmative answers to one or more of these questions do not represent absolute contraindications to TMS, but the risk/benefit ratio should be carefully balanced by



“It felt like your brain was being repaired for whatever the glitch was. It really was a quantum leap [...] It worked. It genuinely worked.”

Anders, MagVenture TMS Therapy® patient

For more patient stories like Anders’, as well as MagVenture TMS Therapy®, please go to

www.magventure.com

Treatment should only be carried out by licensed physicians or educated technicians supervised by physicians. To learn if you might benefit from this treatment, please talk to your doctor. You doctor will also inform you of safety aspects as well as possible side effects.

TMS treatment may not be effective or appropriate for all patients with major depressive disorder.
Relapse into depression may occur without follow-up treatment. You should discuss long-term treatment planning with your doctor.

Federal law restricts this device to sale by or on the order of a physician.

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MagVenture TMS Therapy®
Fighting depression. Together.