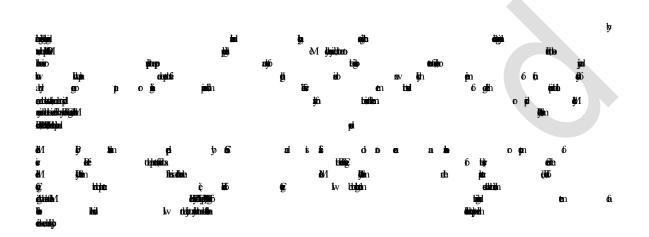
Ohio Marketplace Policy Name & Number Transcranial Magnetic Stimulation OHMP MM0235 MEDICAL POLICY STATEMENT

Date Effective

03/01/2022-





A. Subject

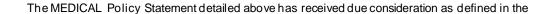
Transcranial Magnetic Stimulation

B. Background

Transcranial Magnetic Stimulation (TMS) was originally introduced in 1985 as a noninvasive treatment that is used for treating major depressive disorder. Transcranial Magnetic Stimulation is a technique that sends brief repetitive pulses of magnetic energy to the scalp via a large electromagnetic coil. This technique generates a low level of electrical stimulation. The amount of electricity created by this type of stimulation is very small and cannot be felt by the patient but is still strong enough to flow into the brain without seizures or need for anesthesia. The electric charges cause the neurons to become active and lead to the release of neurotransmitters such as serotonin, norepinephrine and dopamine.

C. Definitions

- **Depression** a mental disorder that is characterized by alterations in the mood secondary to psychological, social and biological factors.
- Adequate













H. References

1. "Brain Stimulation Therapies." , U.S. Department of Health and Human Services, June 2016, https://www.nimh.nih.gov

2. Holtzheimer, P. E., MD, Roy-Byrne, P.P., MD, & Solomon, D., MD. "Technique for Performing Transcranial Magnetic Stimulation (TMS).", Septemb Td(U)5.8 (eme)56b82 Tc .1 (n)69.52or







