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# Repetitive Transcranial Magnetic Stimulation Depression Treatment Study

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*What is the purpose of this study?*

The purpose of this study is to explore repetitive Transcranial Magnetic Stimulation (TMS) as a new potential treatment for those individuals diagnosed with Major Depressive Disorder who have not responded to medication treatment. TMS involves repetitive stimulation of the brain through a magnetic field and has been shown to be effective in the treatment of depression. In this study you will be assigned to one of three treatment groups. In two of these groups you will receive active treatment (i.e., TMS stimulation) and the other group will receive “sham” treatment (i.e., no TMS stimulation). If you do not improve with sham treatment, however, you will be offered active treatment. Treatment requires approximately 30 minutes per day for 3-9 weeks depending on your response to this treatment. If you respond, treatment may then continue twice a week for up to one year. In addition, you will have several visits for assessment of your symptoms and thinking skills. These visits will require part to full day attendance and will occur throughout the study. Please note that you will remain on your current medication for the duration of the trial.

*Who can be in this study?*

## **Participation**

To participate in this study, you must be competent to provide informed consent.

Additionally, you must:

- be 18-85 years of age
- be currently experiencing depressive symptoms despite following your prescribed medication plan
- have a diagnosis of Major Depressive Disorder
- not have abused alcohol or drugs in the past 6 months
- not have a major medical or neurological illness (e.g., epilepsy, HIV+, or known heart ailments)

*Who do I call to learn more?*

## **To find out more...**

Or to refer someone, please contact:

**Melissa Daigle, Study Coordinator**  
**(416) 535-8501 x 6434**

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