

Bipolar Depression and the efficacy of repetitive Transcranial Magnetic Stimulation (rTMS)

PURPOSE OF THIS STUDY:

To assess the efficacy of repetitive Transcranial Magnetic Stimulation (rTMS), a non-invasive (does not enter the body) technique in improving depressive symptoms.

WHO CAN PARTICIPATE?

- Males and females 18-70 years of age
- Have a diagnosis of Bipolar Disorder and are currently depressed
- Have not responded to treatment with standard medication for bipolar depression
- Have no major unstable medical problems

WHAT IS INVOLVED?

This study involves a screen visit, brain scans, cognitive testing, clinical assessment at week 2, one post treatment follow-up at week 4 and a telephone follow-up two weeks after their last rTMS session.

Participants who are eligible will be randomly allocated to either receive iTBS-rTMS (active) or sham-rTMS (mimics the sensation) treatments daily for 4 weeks (20 sessions).

All participants who do not respond to treatment will be offered active treatment for an additional 4 weeks.

CONTACT INFORMATION:

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To learn more about this study, visit vchri.ca/participate

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PRINCIPAL INVESTIGATOR

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STUDY TIME/DURATION

April 1, 2016 to December 31, 2020

STUDY LOCATION

Research visits are held at the Mood Disorders Centre at Djavad Mowafaghian Centre for Brain Health at UBC