# Woman, Solitude, Sadness, Emotions, Young Woman, OnlyPersonalized brain stimulation lifts a patient's depression

# **Participants with low mood wanted for brain stimulation study**

**Study:** Effect of iTBS on emotional processing

Researchers at the Department of Psychiatry, University of Oxford are seeking right-handed **volunteers aged 18-45** years with **symptoms of low mood** for a Transcranial Magnetic Stimulation (TMS) study.

The purpose of this study is to **improve treatment for people suffering from depression** and test if novel brain stimulation changes emotion recognition.

Transcranial Magnetic Stimulation (TMS) is a form of neurostimulation that generates a magnetic field that passes painlessly through the skull to stimulate the brain. Participants may experience some mild temporary discomfort during TMS.

This study involves four visits to the **Oxford Centre for Human Brain Activity** at the Department of Psychiatry, University of Oxford or FMRIB at the WIN centre, John Radcliffe Hospital. **Two sessions will take no more than 90 minutes and two sessions will take no more than 3 hours.**

We will **compensate you for your time, performance and reasonable travel costs for every session** (including the online screening session via MS Teams).

If you are interested in participating in this study and/or would like further information, please contact Daniel Graham at daniel.graham@psych.ox.ac.uk**.**