

**Comparing
the efficacy of right and left prefrontal repetitive transcranial magnetic stimulation**

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The Egyptian Journal of Psychiatry (Print)

2005 v24 n1

This study aimed to assess the efficacy of both right and left repetitive TMS (rTMS) in patients with major depression. Thirty patients diagnosed as major depression according to DSM IV diagnostic criteria were divided into three equal groups. The first two groups received rTMS on right or left prefrontal sides, while the third group was maintained only on pharmacotherapy. TMS treatment was administered in ten sessions every other day using high frequency stimulation.

The severity of depression was assessed blindly before, during and after completion of the treatment protocol. Patients who received left prefrontal rTMS had a significantly greater improvement compared with those who received right prefrontal rTMS and those who received pharmacotherapy only.