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EFFECT OF TRANSCRANIAL MAGNETIC STIMULATION IN PHARMACORESISTANT DEPRESSION

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Background: Transcranial magnetic stimulation (TMS) is a novel treatment for patients with depressive disorder. TMS is a noninvasive method to excite neurons in the brain: weak electric currents are induced in the tissue by rapidly changing magnetic fields. We report two cases suffering from pharmacoresistant depression and the efficacy of TMS in their treatment.

Cases: The first case was a 45-year-old male Caucasian patient suffering from unipolar depression and the second case was a 53-year-old female Caucasian patient suffering from bipolar depression.

The patients were under treatment with SSRI, SNRI, NASSA (one medicine or combination of them) without any or minor improvement.

So TMS sessions were performed daily in both patients for a period of one month.