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Clinical Pilot Study of Transcranial Direct Current Stimulation Combined with Cognitive Emotional Training for Medication Resistant Depression

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Abstract

Background:

While the clinical results from transcranial direct current stimulation (tDCS) for the treatment of depression have been promising, antidepressant effects in patients with medication resistance have been suboptimal. There is therefore a need to further optimise tDCS for medication resistant patients. In this clinical pilot study we examined the feasibility, safety, and clinical efficacy of combining tDCS with a psychological intervention which targets dysfunctional circuitry related to emotion regulation in depression, Cognitive Emotional Training (CET).

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