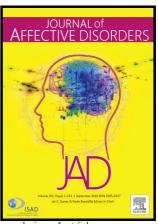
### Author's Accepted Manuscript

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

D.M. Martin, J.Z. Teng, T.Y. Lo, A. Alonzo, T. Goh, B.M. Iacoviello, M.M. Hoch, C.K. Loo



www.elsevier.com/locate/jad

PII: S0165-0327(17)31865-7

DOI: https://doi.org/10.1016/j.jad.2018.02.021

Reference: JAD9567

To appear in: Journal of Affective Disorders

Received date: 6 September 2017 Revised date: 19 January 2018 Accepted date: 15 February 2018

Cite this article as: D.M. Martin, J.Z. Teng, T.Y. Lo, A. Alonzo, T. Goh, B.M. Iacoviello, M.M. Hoch and C.K. Loo, Clinical Pilot Study of Transcranial Direct Current Stimulation Combined with Cognitive Emotional Training for Medication Resistant Depression, *Journal of Affective Disorders*, https://doi.org/10.1016/j.jad.2018.02.021

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

#### **ACCEPTED MANUSCRIPT**

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

D. M. Martin<sup>1,2\*</sup>, J. Z. Teng<sup>1,2</sup>, T. Y. Lo<sup>1,2</sup>, A. Alonzo<sup>1,2</sup>, T. Goh<sup>1,2</sup>, B. M. Iacoviello<sup>3,4</sup>, M. M. Hoch<sup>4</sup>, C. K. Loo<sup>1,2</sup>

<sup>1</sup>School of Psychiatry, University of New South Wales, Sydney, Australia

<sup>2</sup>The Black Dog Institute, Sydney, Australia

<sup>3</sup>Click Therapeutics, Inc., New York

<sup>4</sup>Icahn School of Medicine at Mount Sinai, New York

\*Correspondence: Black Dog Institute, Hospital Road, Prince of Wales Hospital, Randwick NSW 2031. Tel.: 61 2 9382 8353; fax. 61 2 9382 8151. donel.martin@unsw.edu.au

#### **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).

# دريافت فورى ب متن كامل مقاله

## ISIArticles مرجع مقالات تخصصی ایران

- ✔ امكان دانلود نسخه تمام متن مقالات انگليسي
  - ✓ امكان دانلود نسخه ترجمه شده مقالات
    - ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
  - ✓ امكان دانلود رايگان ۲ صفحه اول هر مقاله
  - ✔ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
    - ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات