Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

A survey of effect of TDCS on reduction of symptoms in poor-responder OCD pationts

Protocol summary

Summary

Obsessive-Compulsive Disorder (OCD) is the fourth most common psychiatric disorder after phobias, substance abuse and Major Depressive Disorder (MDD). The main feature of this disorder severe obsessions or compulsions cause charge considerable suffering for the individual. The prevalence of this disorder is estimated 2-3% of the population. TDCS is a new Nero-stimulation (electrical stimulation) non-invasive method. In comparison to other non-invasive stimulators, This is a safe, low cost, simply designed, easy to use, and practical method for a specialized Clinic. This study is designed to study the effects of TDCS on reducing OCD symptoms in these patients. It is Quasi-experimental, while designing one group before and after the test which started in Summer 2015 and will be fulfilled in a year. The target population are the outpatients with OCD who are resistant to the drug therapy who will be chosen by a psychiatrist in Tooloo Clinic of Rasht and based on the results drown from the Obsessive Compulsive Questionnaire(YBOCS). The minimum test score to be considered is 16. respect to inclusion and exclusion criteria of the study after obtaining informed consent convenience were 50 people are to be chosen study, will observing the inclusion and exclusion criteria of the study as an easy sampling and also after receiving the letters of consent. Based on the average volume of the previous studies, this sample volume has been considered .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015042721965N1**
Registration date: **2015-09-12, 1394/06/21**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2015-09-12, 1394/06/21

Registrant information

Name
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Name of organization / entity
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Recruitment status

Recruitment complete

Funding source

Guilan University Of Medical Sciences

Expected recruitment start date

2015-08-11, 1394/05/20

Expected recruitment end date

2015-12-11, 1394/09/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

A survey of effect of TDCS on reduction of symptoms in poor-responder OCD pationts

Public title

A survey of effect of tdcs on reduction of symptoms in poor-responder ocd pationts

Purpose

Treatment

Inclusion/Exclusion criteria
Inclusion criteria: OCD diagnosis on Axis I in order to DSM IV IR criteria; Test score of at least 16 YBOCS; Age range 16 to 65 years; Fixed patient medication at least 2 months before entering the study. Exclusion criteria: Both serious medical illnesses; Patients organic brain; History of seizures; mental retardation; Alcohol and drug use in the last 6 months; Psychotic disorders such as schizophrenia active phase, bipolar disorder and depression; During treatment, psychotherapy; Pregnancy and lactation; Patients with OCD who have never been under medical treatment.
Age
From **16 years** old to **65 years** old
Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **50**
Randomization (investigator's opinion)
N/A
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Guilan University Of Medical Sciences
Street address
Shahid Beheshti Blvd,Opposite to the Sepah bank, Above Iran Radiator Representation. Building Of Assistance Research and Technology, Rasht, Iran
City
Rasht
Postal code
4193893345
Approval date
2014-12-09, 1393/09/18
Ethics committee reference number
1930373601

Health conditions studied

1

Description of health condition studied
Obsessive-compulsive disorder
ICD-10 code
F42.0
ICD-10 code description
The essential feature is recurrent obsessional thoughts or compulsive acts. Obsessional thoughts are ideas, images, or impulses that enter the patient's mind again and again in a stereotyped form. They are almost invariably distressing and the patient oft

Primary outcomes

1

Description
Obsessive-compulsive disorder Intensity
Timepoint
1,5,10 and 15 Sessions
Method of measurement
in order to Ybocs Questionnaire score

Secondary outcomes

empty

Intervention groups

1

Description
This quasi-experimental study of the implementation of the Quasi-Exprimental is design with a before and after test One group: Pretest-Posttest design .
Category
Treatment - Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Tooloo Specialty and subspecialty of psychiatry Clinic of Rasht
Full name of responsible person
Dr kiomars Najafi
Street address
Shabnam alley, Golsar Crossroads, Opposite to the Municipal of Area (3),Rasht, Iran
City
Rasht

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Guilan University Of Medical Sceinces,Research and

Technology assistance

Full name of responsible person

Dr Rasool Tabari

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Shahid Beheshti Blvd, Opposite to the Sepah Bank, above Iran Radiator Representation، Rasht, Iran

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Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Guilan University Of Medical Sceinces,Research and Technology assistance

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Guilan University Of Medical Sciences

Full name of responsible person

Dr kiomars Najafi

Position

Psychiatrist, Assistance of Professor

Other areas of specialty/work

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Contact

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Master Of Science in Clinincal Psychology

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Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty