

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

02 Jul 2026

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

#### 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

Homa Zarrabi

###### Name of organization / entity

Guilan University of Medical Sceinces,«Kavosh »  
Cognitive Behaviour Sciences and Addiction Researc

###### Country

Iran (Islamic Republic of)

###### Phone

+98 13 3366 6268

###### Email address

shafakavosh@gums.ac.ir

##### 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 patients

##### Public title

A survey of effect of tdcS on reduction of symptoms in poor-responder ocd patients

##### 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-Experimental 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 Sciences, Research and

Technology assistance

**Full name of responsible person**

Dr Rasool Tabari

**Street address**

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

**City**

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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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Mahdiyeh Pakdaman

**Position**

Master Of Science in Clininical 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*