

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Evaluation of TDCS for augmentation treatment of major depressive disorder with poor treatment response

Protocol summary

Summary

Evaluation of TDCS for augmentation treatment of major depressive disorder with poor treatment response double blinded randomized clinical trial patient with MDD that treated by efficient dose of one of the SSRIs for 8 week that have inappropriate responses and need to augmentation treatment refer to emam reza hospital in two case and control group randomizly if they have inclusion criteria . for cases 10 session of TDCS for 20 minutes by 2mA by stimulator and for control group 10 inactive session by the same device uses. befor, exactly after the end of sessions and 3 mounth later Hamilton rating scale for depression filled.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016012526189N1**
Registration date: **2016-03-04, 1394/12/14**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-03-04, 1394/12/14

Registrant information

Name

Sayedeh Elham Sharafi

Name of organization / entity

TUMS

Country

Iran (Islamic Republic of)

Phone

+98 21 6119 2210

Email address

e-sharafi@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2015-12-22, 1394/10/01

Expected recruitment end date

2016-12-21, 1395/10/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of TDCS for augmentation treatment of major depressive disorder with poor treatment response

Public title

Evaluation of TDCS for augmentation treatment of major depressive disorder with poor treatment response

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: patient with MDD diagnosis due to DSM4 criteria; 20-60 years old; minimum education: 5 class; 8 week treatment by efficient dose of SSRIs and inappropriate response that reffer for TDCs by their psychiatrist plus drug treatment concurrently; probablity of bipolarity and medical problem such as hypothyroidism and acute social problem cause treatment resistance must be evaluate by psychiatrist befor study. Exclusin criteria: suicidal thought, psychosis, other psychiatric comorbidity except anxiety disorders; personality disorders, substance and alcohol abuse and dependency norologic disease(seizure, stroke, history of traumatic brain injury, life threatening problem in axis 3; metal things in brain or heart; pregnancy; lactation; disagreement to continue the study.

Age

From **20 years** old to **60 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Double blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethical Committee of Tehran University of Medical Sciences

Street address

Tehran University of Medical Sciences, Keshavarz blvd.

City

Tehran

Postal code**Approval date**

2015-12-05, 1394/09/14

Ethics committee reference number

IR.TUMS.REC.1394.1339

Health conditions studied**1****Description of health condition studied**

Major depressive disorder

ICD-10 code

F32.0

ICD-10 code description

Mild depressive episode

Primary outcomes**1****Description**

Depression rate

Timepoint

Before, immediately after and 3 months after treatment

Method of measurement

Hamilton depression rating scale

Secondary outcomes

empty

Intervention groups**1****Description**

in case group:10 session of 20 minute of trans cranial direct current stimulation by 2 ma

Category

Treatment - Other

2**Description**

in control group:10 inactive session of 20 minutes by the same device

Category

Other

Recruitment centers**1****Recruitment center****Name of recruitment center**

emam khomeini hospital

Full name of responsible person

Jamshid Ghaderi MD

Street address

ruzbeh hosp

City

Tehran

2**Recruitment center****Name of recruitment center**

Ruzbeh hospital

Full name of responsible person

jamshid ghaderi MD

Street address

ghazvin square

City

tehran

3**Recruitment center****Name of recruitment center**

emam reza hosaital

Full name of responsible person

mrs afsane dadarkhah

Street address

west fatemi st

City
tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

dr. Masud yunesian.manager of research affairs of
Tehran University of Medical Sciences

Full name of responsible person

Jamshid Ghaderi MD

Street address

Ruzbeh hospital

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

dr. Masud yunesian.manager of research affairs of
Tehran University of Medical Sciences

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

AJA University of Medical Sciences

Full name of responsible person

Afsane Dadarkhah

Position

Faculty member

Other areas of specialty/work

Street address

Imam Reza Hospital

City

Tehran

Postal code

Phone

+98 21 8802 8931

Fax

Email

dadarkhah@yahoo.com

Web page address

Person responsible for scientific

inquiries

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Jamshid Ghaderi

Position

MD, Resident of psychiatry

Other areas of specialty/work

Street address

Ruzbeh hospital, South Kargar St.

City

Tehran

Postal code

Phone

+98 21 5541 9151

Fax

Email

drghaderi@yahoo.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Tehran University of Medical Sciences

Full name of responsible person

Seyedeh Elham Sharafi

Position

Assistant professor of psychiatry department

Other areas of specialty/work

Street address

Imam Khomeini hospital, Keshavarz blvd.

City

Tehran

Postal code

Phone

+98 21 6119 2421

Fax

Email

esharafi@yahoo.com

Web page address

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