

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparison two therapeutic methods (burst repetitive transcranial magnetic stimulation with high frequency repetitive transcranial magnetic stimulation) on compliants of patient with chronic tinnitus.

Protocol summary

Summary

In this study we use repetitive transcranial magnetic stimulation for suppression of tinnitus in patients with chronic tinnitus. None of the patients have any contraindication for using of magnetic stimulation. Sample size is 80 patients which are divided into two groups. In one group the cases will be undergone burst stimulation with the duration of 40 seconds and frequency is 50hz .the coil must be placed on both side of auditory cortex ,after 15 minute this stage will be repeated. In high frequency group the cases will be undergone 10hz frequency with 25 seconds rest time and 1000 pulse, the coil will be placed only on left auditory cortex and the stimulation will be done weekly for four weeks. Finally ,two groups will be compared using visual analog scale and tinnitus questionnaire at baseline and end of study as well as one month later

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201112218438N1**

Registration date: **2012-01-17, 1390/10/27**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-01-17, 1390/10/27

Registrant information

Name

Seyyedeh- Maryam Yazdi- Bahri

Name of organization / entity

Tehran University of Medical Sciences and Health

Country

Iran (Islamic Republic of)

Phone

+98 21 7762 9780

Email address

m-yazdi@razi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Research deputy of Tehran University of Medical Sciences

Expected recruitment start date

2011-12-01, 1390/09/10

Expected recruitment end date

2012-03-03, 1390/12/13

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison two therapeutic methods (burst repetitive transcranial magnetic stimulation with high frequency repetitive transcranial magnetic stimulation) on compliants of patient with chronic tinnitus.

Public title

comparison of therapeutic methods of tinnitus

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:18-75 age: innitus for six month.

Exclusion criteria :menier: flacuating hearing loss: history of epilepsy : head truma : brain surgery : pace maker: using of anticonvulsant or anti psychotic: regular using of banzodiazepine :pregnant women : history of suicide: disease that has interaction with tratment .

Age

From **18 years** old to **75 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **80**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Tehran University of Medical Sciences

Street address

6 floor, Central Organization of University, Qods St, Keshavars Avenue

City

Tehran

Postal code

Approval date

2011-11-21, 1390/08/30

Ethics committee reference number

1518/130/90/3

Health conditions studied

1

Description of health condition studied

tinnitus

ICD-10 code

H93.1

ICD-10 code description

tinnitus

Primary outcomes

1

Description

Severity of tinnitus

Timepoint

before treatment, after treatment ,4week after treatment

Method of measurement

Visual analog scale, tinnitus questionnaire

Secondary outcomes

1

Description

complication including headache

Timepoint

after treatment

Method of measurement

check list

2

Description

complication including vertigo

Timepoint

after treatment

Method of measurement

check list

Intervention groups

1

Description

intervention group: burst repetitive transcranial magnetic stimulation with 50 hz frequency and for 40 second on each auditory cortex that after 15 minute it will be repeated . it will be done weekly for four weeks

Category

Treatment - Devices

2

Description

control group : tonic repetitive transcranial magnetic stimulation with 10hz frequency ,1000 pulse and 25 seconds rest time only on left auditory cortex.

Category

Treatment - Devices

Recruitment centers

1

Recruitment center

Name of recruitment center

Physical Medicine and Rehabilitation Clinic of Firoozgar hospital

Full name of responsible person

Bijan Forough

Street address

Physical medicine and Rehabilitation clinic, Firoozgar hospital, Behafarin St.Valiasr Square

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Research deputy of Tehran University of Medical Sciences

Full name of responsible person

Ali Akbar Fotohi

Street address

Research deputy, Central building of Tehran University of Medical Sciences, Qods St, Keshavarz Avenue

City

Tehran

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Research deputy 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**

Tehran university of Medical Sciences and Health Services

Full name of responsible person

Seyyede- Maryam Yazdi -Bahri

Position

Physical Medicine and Rehabilitation assistant

Other areas of specialty/work**Street address**

No.6, Ahmadi Alley, Khaje nasir St

City

Tehran

Postal code**Phone**

+98 21 7762 9780

Fax**Email**

m-yazdi@razi.tums.ac.ir

Web page address

Person responsible for scientific

inquiries

Contact**Name of organization / entity**

Tehran university of Medical Sciences and Health Services

Full name of responsible person

Tannaz Ahadi

Position

Physiatrist

Other areas of specialty/work**Street address**

Physical Medicine and Rehabilitation clinic, Firoozgar hospital, Behafarin St, Valiasr Square

City

Tehran

Postal code**Phone**

+98 21 8214 1229

Fax

+98 21 8894 2970

Email

t-ahadi@sina.tums.ac.ir

Web page address

Person responsible for updating data

Contact**Name of organization / entity**

Tehran University of Medical Sciences and health Services

Full name of responsible person

Seyed- Mohammad Fereshtehnejad

Position

General physician, research fellow

Other areas of specialty/work**Street address**

No.1, Persia apartment, Zahiroddolleh St, Darband St, Qods Square

City

Tehran

Postal code**Phone**

+98 21 2275 6035

Fax

+98 21 2275 6035

Email

sm-fereshtehnejad@farabi.tums.ac.ir

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