Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

The role of the repetitive transcranial stimulation as an adjuvant therapy in Bell’s palsy.

Protocol summary

Summary

In this double-blind, clinical trial, the aim of this study is evaluation of the role of the repetitive transcranial stimulation as an adjuvant therapy in Bell’s palsy. Inclusion criteria: The patients with unilateral Bell’ palsy; aged between 18 to 72 years. Exclusion criteria: The patients who have severe complications; patients who do not follow up. The sample size in this study is 46, patients will be allocate randomly in two parallel groups. The randomization is do with randomization software and also in this study doctors are blinded about groups. The intervention group are treated with exercise physiotherapy and repetitive transcranial stimulation for 3 seasons/ week, and the placebo group are treated with exercise physiotherapy for 3 seasons/ weeks, the length course of treatment is 2 weeks in both groups. After treatment duration, the recovery rate of patients in the two groups is assessed using facial disability index.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017100312782N20**
Registration date: **2017-10-15, 1396/07/23**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2017-10-15, 1396/07/23

Registrant information

Name
Ali Mehrabi kushki
Name of organization / entity
Isfahan University of Medical Sciences
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Iran (Islamic Republic of)
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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Isfahan University of Medical Sciences

Expected recruitment start date

2015-03-20, 1393/12/29

Expected recruitment end date

2017-08-22, 1396/05/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The role of the repetitive transcranial stimulation as an adjuvant therapy in Bell’s palsy.

Public title

The effect of the repetitive transcranial stimulation as an adjuvant therapy unilateral facial palsy.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: The patients with unilateral Bell’ palsy; aged between 18 to 72 years. Exclusion criteria: The patients who have severe complications; patients who do not follow up.

Age

From **18 years** old to **72 years** old

Gender

Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **46**
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
Ethics committee of Isfahan University of Medical Sciences
Street address
Isfahan University of Medical Sciences, Isfahan, Iran.
City
Isfahan
Postal code
7346181746
Approval date
2010-09-23, 1389/07/01
Ethics committee reference number
IR.MUI.REC.1395.30035

Health conditions studied

1

Description of health condition studied
Bell's palsy
ICD-10 code
G51.0
ICD-10 code description
Facial palsy

Primary outcomes

1

Description
Facial paralysis
Timepoint
Before intervention and 2 weeks after intervention
Method of measurement
facial disability index

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: under Treatment with exercise physiotherapy and repetitive transcranial stimulation in 3 seasons/week
Category
Rehabilitation

2

Description
Control group: under Treatment with exercise physiotherapy in 3 seasons/week
Category
Rehabilitation

Recruitment centers

1

Recruitment center
Name of recruitment center
Al Zahra Hospital
Full name of responsible person
Samira Oshaghi
Street address
Alzahra hospital, Alzahra street, Isfahan, Iran
City
Isfahan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research, Isfahan University of Medical Sciences
Full name of responsible person
Dr Mansour Siavash
Street address
Isfahan University of Medical Sciences, Isfahan, 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
Vice chancellor for research, Isfahan 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

Isfahan University of Medical Sciences, Isfahan

Full name of responsible person

Dr Ahmad Rezaeian

Position

Otorhinolaryngologist/ Assistant professor

Other areas of specialty/work

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Ali Mehrabi Koushki

Position

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Other areas of specialty/work

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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