

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 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

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Name of organization / entity

Isfahan University of Medical Sciences

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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

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Isfahan University of Medical Sciences, Isfahan, Iran.

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Isfahan

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

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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