

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Sep 2026

Prevention of synkinesis by biofeedback therapy:

Protocol summary

Summary

The aim of present study was to find a better procedure to prevent of synkinesis in facial nerve palsy. inclusion criteria: peripheral facial nerve palsy. Exclusion criteria: facial nerve palsy due to upper motor neuron lesion. Therity patients with facial nerve palsy were selected via electrodiagnosis tests. All patient randomly divided two groups as experimental group and control group. The experimental group (n=15) was treated with biofeedback therapy and the control group (n= 15) received common physiotherapy. All patients received one year treatment. Outcome measures: evaluated to facial grading scale before and after treatment. And also, severity of synkinesia.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201308216083N2**
Registration date: **2013-10-07, 1392/07/15**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-10-07, 1392/07/15

Registrant information

Name

Abbas Ali Pourmomeny

Name of organization / entity

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Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Deputy of Research at Isfahan University

Expected recruitment start date

2005-03-10, 1383/12/20

Expected recruitment end date

2010-03-11, 1388/12/20

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Prevention of synkinesis by biofeedback therapy:

Public title

Prevention of synkinesis by biofeedback

Purpose

Prevention

Inclusion/Exclusion criteria

inclusion: facial nerve palsy(by electrodiagnosis-axonotemesia) exclusion:facial nerve palsy (by electrodiagnosis-neuroapraxia) and central lesion of facial nerve palsy

Age

No age limit

Gender

Both

Phase

0

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single 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 Isfahan University of Medical Sciences

Street address

" Isfahan University of Medical Sciences, Isfahan, Iran"

City

Isfahan

Postal code

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

83382

Health conditions studied

1

Description of health condition studied

facial nerve palsy-Bell'palsy

ICD-10 code

G51.0

ICD-10 code description

Bell palsy

Primary outcomes

1

Description

synkinesis

Timepoint

recording

Method of measurement

subjective

Secondary outcomes

1

Description

deformity

Timepoint

befor and after treatment

Method of measurement

subjective

Intervention groups

1

Description

biofeedback thrapy for one moth and then one ssession every week for 11 months usuall physiotherapy for one year

Category

Rehabilitation

2

Description

one year teratment (phyiotherapy)

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

Alzahra Hospital

Full name of responsible person

pourmomeny

Street address

Isfahan

City

Isfahan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Reseach Center of Medical Sciences

Full name of responsible person

Adibi - staff of Reseach Center of Medical Sciences
Isfahan

Street address

"Isfahan university of Medical Sciences"

City

Isfahan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Reseach Center 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
"School of Rehabilitation Sciences, Isfahan University
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Full name of responsible person
pourmomeny
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Person responsible for updating data

Contact

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