Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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 criteia:peripheral facial nerve palsy.Exclusion criteia : 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 gourp 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
School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran
Country
Iran (Islamic Republic of)
Phone
+98 31 1792 2024
Email address
pourmomeny@rehab.mui.ac.ir

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 electrodignosis-axonotemesis) 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
subgective

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 ssesion every week for 11 months usuall physiotherapy for one year
Category
Rehabilitation

2

Description
one year teratment (phyiotheraphy)
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 of Medical Sciences, Isfahan, Iran"

Full name of responsible person

pourmomeny

Position

instrctour

Other areas of specialty/work

Street address

School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran

City

isfahan

Postal code

Phone

+7 922024

Fax

Email

pourmomeny@rehab.mui.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

"School of Rehabilitation Sciences, Isfahan University of Medical Sciences"

Full name of responsible person

pourmopmeny

Position

instrctur

Other areas of specialty/work

Street address

Isfahan university of medical sciences

City

isfahan

Postal code

Phone

+98 31 1792 2024

Fax

Email

pourmomeny@rehab.mui.ac.ir

Web page address

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