

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Effect of taping on ankle joint position sense in chronic stroke patients

Protocol summary

Governmental

Summary

Stroke patients suffer from balance impairment related to disturbed ankle joint position sense. The aim of this study is to investigate the effect of taping on ankle joint position sense in chronic stroke patients. 20 patients, available in university clinic will participate in this study, and ankle joint taping will be used for 48 hours. All the participants would be more than 6 months post-stroke. Therefore active and passive joint position senses index will be measured before and after intervention by Biodex Isokinetic System.

Expected recruitment start date

2017-03-05, 1395/12/15

Expected recruitment end date

2017-06-20, 1396/03/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of taping on ankle joint position sense in chronic stroke patients

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017010427562N3**

Registration date: **2017-02-14, 1395/11/26**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-02-14, 1395/11/26

Registrant information

Name

Roghayeh Mohammadi

Name of organization / entity

Semnan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 23 3365 4180

Email address

mohammadpt@semums.ac.ir

Recruitment status

Recruitment complete

Funding source

Public title

Effect of taping on ankle joint position sense

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: patients should be more than 6 month post stroke; subjects should be in rang of 45-70 years old; their Berg balance scale should be less than 40 score. Exclusion criteria: any condition except stroke that impaired their balance; sever aphasia; sever cognitive deficient

Age

From **45 years** old to **70 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **20**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics committee of Semnan University of Medical Sciences
Street address
Semnan University of Medical Sciences, 5 kilometer of Damghan Road, Semnan
City
Semnan
Postal code
Approval date
2017-01-03, 1395/10/14
Ethics committee reference number
IR.SEMUMS.REC.1395.160

Health conditions studied

1

Description of health condition studied
Stroke
ICD-10 code
164
ICD-10 code description
Stroke, not specified as haemorrhage or infarction

Primary outcomes

1

Description
Active ankle joint position sense
Timepoint
Before and after intervention
Method of measurement
Biodex Isokinetic System

Secondary outcomes

1

Description
Passive ankle joint position sense
Timepoint
Before and after intervention

Method of measurement
Biodex Isokinetic System

Intervention groups

1

Description
Ankle joint taping will be used on affected side for 48 hours.
Category
Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center
Neuromuscular Rehabilitation Research Center
Full name of responsible person
Roghayeh Mohammadi
Street address
City
Semnan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice-Chancellor for Research Affairs of Semnan University of Medical Sciences
Full name of responsible person
Dr. Ali Rashidy-pour
Street address
Second floor, Semnan University of Medical Sciences, Basij Boulevard, Semnan
City
Semnan
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 Affairs of Semnan 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

Semnan University of Medical Sciences

Full name of responsible person

Roghayeh Mohammadi

Position

Assistant Professor

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

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Person responsible for updating data

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Fax

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