

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Jun 2026

Immediate effects of ankle joint Kinesiotape on Stand- to- Sit leg load in chronic stroke patients

Protocol summary

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Summary

The object of this study is survey of immediate effect of ankle taping on foot loading on stand to sit position in chronic stroke patients. Thirty chronic stroke patients who able to do sit to stand, and vice versa will participate in this study. All of them should be more than six-month post stroke. The study is single group design. A convenience sample of stroke survivors, available in university clinic will participate in this study. Subjects will sit from standing positions in different foot positions with and without ankle taping randomly. The ground reaction force in all direction will be measured with force plate. Also the path of movement would be recorded with motion analysis system.

Recruitment status

Recruitment complete

Funding source

Governmental

Expected recruitment start date

2017-09-23, 1396/07/01

Expected recruitment end date

2018-01-20, 1396/10/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017081627562N4**

Registration date: **2017-09-17, 1396/06/26**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-09-17, 1396/06/26

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

Scientific title

Immediate effects of ankle joint Kinesiotape on Stand- to- Sit leg load in chronic stroke patients

Public title

Immediate effects of ankle joint Kinesiotape on leg load

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 1) Patients should be able to do sit to stand and vice versa; 2) All of patients should be more than 6 month post_stroke; 3) Spasticity <3. Exclusion criteria: 1) Any severe cognitive deficiency, and comprehensive aphasia; 2) Any condition (fractures or other diseases except stroke) can affect patients balance; 3) Sensitivity to taping.

Age

From **50 years** old to **70 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 30

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 and Health Services, Basij Boulevard, Semnan

City

Semnan

Postal code

Approval date

2017-07-12, 1396/04/21

Ethics committee reference number

IR.SEMUMS.REC.1396.59

Health conditions studied

1

Description of health condition studied

Stroke

ICD-10 code

160-169

ICD-10 code description

Cerebrovascular diseases

Primary outcomes

1

Description

Vertical ground reaction force

Timepoint

With 5 minute interval with other tests

Method of measurement

Force plate

Secondary outcomes

1

Description

Anterior-posterior ground reaction force

Timepoint

With 5 minute interval with other tests

Method of measurement

Force plate

2

Description

Medial-lateral ground reaction force

Timepoint

With 5 minute interval with other tests

Method of measurement

Force plate

Intervention groups

1

Description

Ankle taping on paretic side is intervention in this study. Ground reaction forces in all direction will be measured with and without ankle taping randomly.

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

Neuromuscular Rehabilitation Research Center

Full name of responsible person

Roghayeh Mohammadi

Street address

Neuromuscular Rehabilitation Research Center, Ghods Ave, Semnan

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 Rashidipour

Street address

Headquarters of Semnan University of Medical Sciences and Health Services, Basij Bluvard, 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
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Full name of responsible person
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Web page address

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