

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

20 Jun 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**

Rehabilitation Faculty, Semnan University of Medical Sciences, 5 kilometer of Damghan Road, Semnan

**City**

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+98 23 3365 4180

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## Person responsible for updating data

### Contact

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Roghayeh Mohammadi

**Position**

Assistant Professor

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## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

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**Full name of responsible person**

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**Position**

Assistant Professor

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+98 23 3365 4180

**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*