

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Acute and late effects of kinesio taping on the postural sway in patient with ankle sprain

#### Protocol summary

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##### Summary

main objective is evaluation of the acute and late effects of kinesio taping on the postural sway in patient with ankle sprain. this study is randomized, without placebo effect, single centric, single RCT. patients with unilateral ankle sprain(grade 1 or 2) will be included in this study and will be excluded if they have cerebral injury, fractures and other surgeries in ankle.patient with ankle sprain will be randomized in taping or without taping groups. variable is, the sway of center of pressure during perturbation and non-perturbation. Testing will be performed prior to tape application, immediately after application of the tape, 24 hours following tape application and immediately after tape removal.

##### Recruitment status

**Recruitment complete**

##### Funding source

Semnan University of Medical Sciences

##### Expected recruitment start date

2014-01-06, 1392/10/16

##### Expected recruitment end date

2014-07-07, 1393/04/16

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2013110415262N1**

Registration date: **2014-01-20, 1392/10/30**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2014-01-20, 1392/10/30

##### Registrant information

###### Name

Rabeeh Hariri

###### Name of organization / entity

Semnan University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 23 1444 0225

###### Email address

##### Scientific title

Acute and late effects of kinesio taping on the postural sway in patient with ankle sprain

##### Public title

effect of kinesio taping in ankle sprain

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

inclusion criteria: unilateral functional ankle instability after ankle sprain; age between 20-40 years; 1-12 month before had ankle sprain; control group will be from the same sex and age of experiment group exclusion criteria: subjects will be excluded from the study if they had: acute inflammatory conditions; gross joint instability (grade 3 ankle sprain); concurrent ankle fractures with or without subluxation, dislocation or complete rupture; surgery for ankle injury; recurrent ankle sprain; any anomaly of the foot; history of chronic diseases or other injuries of the lower limb.

##### Age

From **20 years** old to **40 years** old

##### Gender

Both

**Phase**

N/A

**Groups that have been masked**

No information

**Sample size**

Target sample size: 60

**Randomization (investigator's opinion)**

Randomized

**Randomization description****Blinding (investigator's opinion)**

Not blinded

**Blinding description****Placebo**

Not used

**Assignment**

Parallel

**Other design features****Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

Semnan University of Medical Sciences

**Street address**

Research Deputy, Semnan University of Medical Sciences, Basij Blvd., Semnan

**City**

Semnan

**Postal code****Approval date**

2014-01-11, 1392/10/21

**Ethics committee reference number**

92/389995

**Health conditions studied****1****Description of health condition studied**

ankle sprain

**ICD-10 code**

S93.4

**ICD-10 code description**

sprain and strain of ankle

**Primary outcomes****1****Description**

The sway of center of pressure during perturbation and non-perturbation situations.

**Timepoint**

prior to tape application, immediately after application of the tape, 24 hours following tape application, and immediately after tape removal.

**Method of measurement**

with force plate

**Secondary outcomes**

empty

**Intervention groups****1****Description**

intervention in control group : without intervention

**Category**

N/A

**2****Description**

intervention in intervention group : intervention is taping with kinesio tape. this technique is performed with kind of tape without latex which mimicking the qualities of the skin. this tape will be applied in tibialis anterior and will be removed after 24 hours.

**Category**

Treatment - Other

**Recruitment centers****1****Recruitment center****Name of recruitment center**

Neuromuscular Rehabilitation Research Center, Semnan University of Medical Science

**Full name of responsible person**

Rabeeh\_Hariri

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Mashahir Square, Semnan

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**Sponsors / Funding sources****1****Sponsor****Name of organization / entity**

Semnan University of Medical Sciences

**Full name of responsible person**

Dr Raheb Ghorbani

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Research Deputy, Semnan University of Medical Sciences, Basij Blvd., Semnan

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Semnan

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

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

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## Person responsible for updating data

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## 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*