

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

hariri@sem-ums.ac.ir

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

Street address

Mashahir Square, Semnan

City

Semnan

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

Semnan University of Medical Sciences

Full name of responsible person

Dr Raheb Ghorbani

Street address

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

City

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

Name of organization / entity
Semnan University of Medical Sciences
Full name of responsible person
Rabeeh Hariri
Position
MS Student in Physical Therapy
Other areas of specialty/work
Street address
Research Deputy, Semnan University of Medical Sciences, Basij Blvd., Semnan
City
Tehran
Postal code
Phone
+98 21 2207 3598
Fax
Email
rabeeh_hariri@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity
Semnan University of Medical Sciences
Full name of responsible person
Dr Amir Houshang Bakhtiary
Position
PHD in Physical Therapy
Other areas of specialty/work
Street address
Research Deputy, Semnan University of Medical

Sciences, Basij Blvd., Semnan
City
Semnan
Postal code
Phone
+98 23 1444 0225
Fax
Email
amir822@yahoo.com
Web page address

Person responsible for updating data

Contact

Name of organization / entity
Semnan University of Medical Sciences
Full name of responsible person
Rabeeh Hariri
Position
MS Student in Physical Therapy
Other areas of specialty/work
Street address
Research Deputy, Semnan University of Medical Sciences, Basij Blvd., Semnan
City
Tehran
Postal code
Phone
+98 21 2207 3598
Fax
Email
rabeeh_hariri@yahoo.com
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