Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

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

Protocol summary

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-porturbation. Testing will be performed prior to tape application, immediately after application of the tape, 24 hours following tape application and immediately after tape removal.

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)

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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

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 mount 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 applicated 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
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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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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

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Position

MS Student in Physical Therapy

Other areas of specialty/work

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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