

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Sep 2026

Determining the Effectiveness of Kinesio Taping on Balance in Athletes with Acute Sprain and Chronic Ankles Instable

Protocol summary

Summary

Purpose: Determining the Effectiveness of Kinesio Taping on Balance in Athletes with Acute Sprain and Chronic Ankles Instable Study design: single arm study, not blinded, placebo-controlled free, without trial phase Study population: Athletes of saghez city The main criteria for entering the study: Inclusion criteria for acute sprain: grade 1 & 2 sprain In the last 48 hours Exclusion criteria for acute sprain: grade 3 sprain; Report of surgery, fracture and dislocation of the lower extremity; Neurological diseases; injuries of the knee or hip Inclusion criteria for chronic instability: Reported at least one case of ankle sprain that requires immobility or non weight bearing for 3 days during a year before the study; Report of at least once ankle instability secondary to ankle sprain in the last one year; Chronic ankle instability in one foot; full range of motion of the ankle Exclusion criteria for chronic instability: positive anterior drawer test and talar tilt of the ankle's involvement; report of surgery, fracture and dislocation of lower extremity; neurological diseases; swelling and ecchymosis in the affected ankle; knee and hip injuries Sample size: 26 men Intervention Study: Effect of kinesio taping on the Athletes dynamic equilibrium Intervention time: 2014 The consequences of the study: corrective functional-mechanical combined method improves the dynamic equilibrium in athletes with chronic and acute ankle sprains in the short term.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015041121701N1**

Registration date: **2015-05-04, 1394/02/14**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-05-04, 1394/02/14

Registrant information

Name

Seyed Sadredin Shojaedin

Name of organization / entity

School of Physical Education and Sport Sciences,
Kharazmi University

Country

Iran (Islamic Republic of)

Phone

+98 21 8882 5818

Email address

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Recruitment status

Recruitment complete

Funding source

School of Physical Education and Sport Sciences,
Kharazmi University of Tehran

Expected recruitment start date

2014-03-20, 1392/12/29

Expected recruitment end date

2015-03-20, 1393/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Determining the Effectiveness of Kinesio Taping on
Balance in Athletes with Acute Sprain and Chronic Ankles
Instable

Public title

Determining the Effectiveness of Kinesio Taping on
Balance in Athletes

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria for acute sprain: grade 1 & 2 sprain In the last 48 hours Exclusion criteria for acute sprain: grade 3 sprain; Report of surgery, fracture and dislocation of the lower extremity; Neurological diseases; injuries of the knee or hip Inclusion criteria for chronic instability: Reported at least one case of ankle sprain that requires immobility or non weight bearing for 3 days during a year before the study; Report of at least once ankle instability secondary to ankle sprain in the last one year; Chronic ankle instability in one foot; full range of motion of the ankle Exclusion criteria for chronic instability: positive anterior drawer test and talar tilt of the ankle's involvement; report of surgery, fracture and dislocation of lower extremity; neurological diseases; swelling and ecchymosis in the affected ankle; knee and hip injuries

Age

From **20 years** old to **23 years** old

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **26**

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

School of Physical Education and Sport Sciences,
Kharazmi University

Street address

Shahid Mofateh St.

City

Tehran

Postal code

Approval date

2015-04-25, 1394/02/05

Ethics committee reference number

20/64/٢٠

Health conditions studied

1

Description of health condition studied

Sprain of ankle

ICD-10 code

S93

ICD-10 code description

Dislocation, sprain and strain of joints and ligaments at ankle and foot level

Primary outcomes

1

Description

Balance

Timepoint

pre & post intervention

Method of measurement

Star Excursion Balance Test for dynamic balance assessment

Secondary outcomes

empty

Intervention groups

1

Description

Ankle Kinesio Taping

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

Navid Occupational Therapy Clinic

Full name of responsible person

Keyvan Yousefpour

Street address

Milad Medical Center

City

Saghez

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

School of Physical Education and Sport Sciences,
Kharazmi University of Tehran

Full name of responsible person

Najaf aghaei PhD

Street address
Mofateh St.

City
Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?
Yes

Title of funding source
School of Physical Education and Sport Sciences,
Kharazmi University of Tehran

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
Navid Occupational Therapy Center

Full name of responsible person
Keyvan Yousefpour

Position
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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