

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jul 2026

The effect of kinsiotaping on static and dynamic postural control in ACL injury

Protocol summary

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Summary

Anterior cruciate ligament is a high prevalence in a population of athletes and non athletes. One of the problems created for these people with ACL injury is defective proprioception and balance control ability. Taping is widely used in rehabilitation as a tool for treatment and prevention of sports injuries. In this study 44 athletes participate with ACL injury are randomly divided into taping group and control group. Pain and balance test and also vertical jump test will be taken from all subjects. All tests performed in three different times: 1: before taping; 2: immediately after taping and 3: 24 hours after taping.

Recruitment status

Recruitment complete

Funding source

Shiraz Rehabilitation Faculty

Expected recruitment start date

2015-12-26, 1394/10/05

Expected recruitment end date

2016-05-21, 1395/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

Effect of taping on balance

IRCT registration information

IRCT registration number: **IRCT2016020523940N1**

Registration date: **2016-02-05, 1394/11/16**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-02-05, 1394/11/16

Registrant information

Name

Sedighe Rezaei

Name of organization / entity

Rehabilitation Faculty

Country

Iran (Islamic Republic of)

Phone

+98 71 3626 1081

Email address

Scientific title

The effect of kinsiotaping on static and dynamic postural control in ACL injury

Public title

The effect of kinsiotaping on proprioception in ACL injury

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: ACL injury diagnosis with MRI or arthroscopic or physician examination; injury time between three to six months; age between 18 and 45 years old; lack of involvement of the other leg; women outside the menstrual phase. Exclusion criteria: any musculoskeletal damage such as soft tissue injury; fracture in weight-bearing joints...; abnormal swelling and pain; vascular and neurological problem; nerve damage; severe cardiovascular problems; diabetes or drugs that affect the balance.

Age

From **15 years** old to **45 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 44

Randomization (investigator's opinion)

Randomized

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

Double blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Rehabilitation Faculty

Street address

Rehabilitation Faculty, Abiverdi St., Chamran

City

Shiraz

Postal code**Approval date**

2014-09-23, 1393/07/01

Ethics committee reference number

CT-9372-7142

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

Anterior crutiate ligament injury

ICD-10 code

S83.5

ICD-10 code description

Sprain and strain involving (anterior)(posterior) cruciate ligament of knee

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

Balance

Timepoint

24 hours

Method of measurement

VAS Questionnaire, star scursion balance test

Secondary outcomes

empty

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

In intervention group:use kinsiotaping Method:the patients knee is bent 30 degrees. Then tape cut and tear It from midline and place it on tibial tubresity.stretch two sides of tape about 50 percet and paste align vastus medialis and lateralis.

Category

Treatment - Other

2**Description**

In control group we use locoplast tape. The midline of tape plase on tibial tubresity and two side of it paste align vastus medialis and lateralis.

Category

Treatment - Other

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

Eghbal clinic

Full name of responsible person

Motahare Karimi

Street address**City**

Shiraz

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

Shiraz Rehabilitation Faculty

Full name of responsible person

Dr. Keramat Allah Abbas Nia

Street address

Rehabilitation Faculty, Abiverdi St., Chamran

City

Shiraz

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

Yes

Title of funding source

Shiraz Rehabilitation Faculty

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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Full name of responsible person
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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