

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The effects of paravertebral and abdominal kinesiio taping on hyperlordosis in people with lumbar hyperlordosis combined with non-specific low back pain

Protocol summary

Summary

The effects of paravertebral and abdominal kinesiio taping on hyperlordosis in people with lumbar hyperlordosis combined with non-specific low back pain. This single centre, randomized; controlled clinical trial as a pilot study on patients with chronic non-specific low back pain and lumbar hyperlordosis that will go to Clinic of the semnan University of Medical Sciences will be carried out. Full consent to participate in this study, aged between 20 and 40 years, lumbar lordosis angle greater than 40 degrees and having chronic non-specific low back pain are a condition of entry to the study. Lesions of the musculoskeletal injury, previous surgery of the spine, structural disturbance in the spine (such as scoliosis) and organs (such as short limbs), pregnancy, body mass index)BMI(equal to or greater than 30 kg per square meter, severe spinal pathology such as herniated disc, spinal fractures, tumors, cancer, and arthritis are the exclusion criteria. The study will be conducted on 60 people. Type of intervention include abdominal and vertebral muscles taping for a month and one-month follow-up. This research aims at identifying effective treatment for hyper lordosis in order to increase patient satisfaction and improve the outcome of other related treatments will be done.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201706124203N14**
Registration date: **2017-06-29, 1396/04/08**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-06-29, 1396/04/08

Registrant information

Name

Atefeh Aminian Far

Name of organization / entity

Semnan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 23 1335 4180

Email address

aminianfar@razi.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice-chancellor for Research of Semnan Medical Sciences University, Faculty of rehabilitation (Primary sponsor)

Expected recruitment start date

2017-06-20, 1396/03/30

Expected recruitment end date

2017-07-05, 1396/04/14

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effects of paravertebral and abdominal kinesiio taping on hyperlordosis in people with lumbar hyperlordosis combined with non-specific low back pain

Public title

The effects of paravertebral and abdominal kinesiio taping on hyperlordosis in people with lumbar hyperlordosis combined with non-specific low back pain

Purpose

Treatment

Inclusion/Exclusion criteria

Exclusion criteria from the study include the following: 1. traumatic musculoskeletal injury 2. The history of spine surgery 3. structural abnormalities in the spine (such as scoliosis) and organs (such as limb shortening) 4. Pregnancy 5. The body mass index equal to or greater than 30 kilograms per square meter 6. pathology in the spine, such as severe disc herniation, spinal fractures, tumors, cancer and rheumatism

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

Ethics committee of Student Research Committee ,
semnan University of Medical Sciences

Street address

Bassij Blvd, Semnan University of Medical Sciences,
Deputy of Research, Semnan, Iran

City

Semnan

Postal code

3519899951

Approval date

2017-05-21, 1396/02/31

Ethics committee reference number

ir.semums.rec.1396.13

Health conditions studied

1

Description of health condition studied

Abnormal posture

ICD-10 code

R29.3

ICD-10 code description

Abnormal posture

2

Description of health condition studied

non-specific low back pain

ICD-10 code

M54.9

ICD-10 code description

non-specific low back pain

Primary outcomes

1

Description

pain

Timepoint

Before intervention. A month after the intervention and
one month after the end of intervention

Method of measurement

Visual Analogue Scale

2

Description

Lumbar lordosis

Timepoint

Before intervention. A month after the intervention and
one month after the end of intervention

Method of measurement

Flexible ruler

Secondary outcomes

empty

Intervention groups

1

Description

The intervention is abdominal and vertebral muscles
taping for three days to four weeks and will be
conducted on thirty persons.

Category

Treatment - Other

2

Description

For the control group did not take action

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Neuromuscular Rehabilitation Research Center of
Semnan University of Medical Sciences

Full name of responsible person

Pooran Madani

Street address

Semnan University of Medical Sciences

City

semnan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research of Semnan Medical
Sciences University, Faculty of rehabilitation

Full name of responsible person

Dr. Atefeh Aminian Far

Street address

Bassij Blvd, Semnan University of Medical Sciences,
Deputy of Research, Semnan, Iran.

City

Semnan

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

Yes

Title of funding source

Vice-chancellor for Research of Semnan Medical Sciences
University, Faculty of rehabilitation

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

Dr. Atefeh Aminian Far

Position

Ph.D of Physiotherapy/ Assistant Professor

Other areas of specialty/work**Street address**

Kilometer 5 Damghan road, Semnan University of

Medical Sciences

City

Semnan

Postal code**Phone**

00

Fax**Email**

aminfar@sem-ums.ac.iraminfar83@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. Atefeh Aminian Far

Position

Ph.D of Physiotherapy/ Assistant Professor

Other areas of specialty/work**Street address**

Kilometer 5 Damghan road, Semnan University of
Medical Sciences

City

Semnan

Postal code**Phone**

+98 232333654180

Fax**Email**

aminfar@sem-ums.ac.ir aminfar83@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

Dr. Atefeh Aminian Far

Position

Ph.D of Physiotherapy/ Assistant Professor

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Kilometer 5 Damghan road, Semnan University of
Medical Sciences

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+98 23 3365 4180

Fax**Email**

aminfar@sem-ums.ac.iraminfar83@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