

# 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 taiping 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**

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## Person responsible for scientific 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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**Full name of responsible person**

Dr. Atefeh Aminian Far

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**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*