Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

Evaluation of the effectiveness of of intra-articular sacroiliac injection in patients with sacroiliac pain

Protocol summary

Study aim
Evaluation of the effectiveness of of intra-articular sacroiliac injection in patients with sacroiliac pain

Design
Clinical trial without control group, phase 3 on 27 patients

Settings and conduct
This study is performed in Kashani Hospital in Isfahan. Selected patients treated with 10 mg solution of triamcinolone stanoid intra-sacroiliac joint under fluoroscopic guidance using needle 26. Patients' pain is measured by a questionnaire at 2, 4 weeks and 6 months later.

Participants/Inclusion and exclusion criteria
Inclusion criteria: age range 70-21 years, pain in the sacroiliac and lumbar joint, pain more than 6 months, at least 50% reduction in pain after 30 minutes of intra-articular diagnostic block with 0.5 ml of 2% lidocaine, consent Written to enter the study. Exclusion criteria: Existence of special conditions that are contraindicated for intra-articular injection, presence of diseases such as vertebral disc disease and vertebral disc herniation, radiculopathy, neuropathy, treatment with anticoagulants

Intervention groups
Intervention group: Patients in this group are treated with 10 mg solution of triamcinolone stanoid intra-sacroiliac joint under fluoroscopic guidance using needle # 26. Patients' pain is measured by a questionnaire at 2, 4 weeks and 6 months later.

Main outcome variables
Patients' back pain

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20200217046523N4**
Registration date: **2020-10-14, 1399/07/23**
Registration timing: **prospective**

Last update: **2020-10-14, 1399/07/23**
Update count: **0**

Registration date
2020-10-14, 1399/07/23

Registrant information

Name
Aryan Rafiee Zadeh

Name of organization / entity

Country
Iran (Islamic Republic of)

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+98 83 3837 1582

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rafieezadeh.a@gmail.com

Recruitment status
Recruitment complete

Funding source

Expected recruitment start date
2020-11-04, 1399/08/14

Expected recruitment end date
2020-11-14, 1399/08/24

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
Evaluation of the effectiveness of of intra-articular sacroiliac injection in patients with sacroiliac pain

Public title
Corticosteroid injection into the sacroiliac joint

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Age range 70-21 years Pain in the sacroiliac and lumbar region Pain for more than 6 months Minimum 50% reduction in pain after 30 minutes of intra-articular diagnostic block with 0.5 ml of 2% lidocaine Written consent to enter the study

Exclusion criteria:

There are special conditions that are contraindicated for intra-articular injection Existence of diseases such as vertebral disc diseases and vertebral disc herniation Radiculopathy Neuropathy Treatment with anticoagulants

Age

From **21 years** old to **70 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **30**

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

Ethics committee of Esfahan university of Medical sciences

Street address

No. 18, Hezar Jarib Ave., Daneshgah Blvd., Isfahan

City

Isfahan

Province

Isfehan

Postal code

۸۱۳۷۸۶۶۵۱۵

Approval date

2018-10-27, 1397/08/05

Ethics committee reference number

IR.MUI.MED.REC.1397.114

Health conditions studied

1

Description of health condition studied

Sacroiliac joint pain

ICD-10 code

S33.6

ICD-10 code description

Sprain of sacroiliac joint

Primary outcomes

1

Description

Pain

Timepoint

At 2, 4 weeks and 6 months after the intervention

Method of measurement

VAS questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Patients in this group are treated with 10 mg solution of triamcinolone stanoid intra-sacroiliac joint under fluoroscopic guidance using needle # 26. Patients' pain is measured by a questionnaire at 2, 4 weeks and 6 months later.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Kashani Hospital

Full name of responsible person

Ali Andalib

Street address

No. 22, Roshd Ave., Daneshgah Blvd., Isfahan

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8174673461

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ali_andelib@yahoo.com

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Esfahan University of Medical Sciences
Full name of responsible person
Shaghayegh Haghjoo
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haghjoo.sh@med.mui.ac.ir
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Esfahan University of Medical Sciences
Proportion provided by this source
100
Public or private sector
Public
Domestic or foreign origin
Domestic
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact
Name of organization / entity
Esfahan University of Medical Sciences
Full name of responsible person
Ali Andalib
Position
Associate professor
Latest degree
Subspecialist
Other areas of specialty/work
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Person responsible for updating data

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Yes - There is a plan to make this available
Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

All data can be shared after people have requested.

When the data will become available and for how long

Six months after publishing the results.

To whom data/document is available

Academic researchers

Under which criteria data/document could be used

Scientific uses

From where data/document is obtainable

Isfahan University of Medical Sciences website

What processes are involved for a request to access data/document

Clear request on the site to access the data by the individual and then review the request by the research assistant within 2 weeks and then allow access to the data.

Comments