

Clinical Trial Protocol

Iranian Registry of Clinical Trials

21 Jul 2026

Evaluation of the effect of acupuncture on pain relief in patients with dysmenorrhea: A clinical trial

Protocol summary

Summary

The aim of this study is Comparison of the effect of acupuncture on pain relife in patients with dysmenorrhea. Study design: After explaining the purpose of the study and obtaining the informed consent, patients will be allocated into A and B groups. The study is single-center, phase 3 trial. Inclusion criteria: Patients with dysmenorrhea. Exclusion criteria: Opium addiction; history of chronic disease. Sample size:40 patients are participated in the study with 20 patients in each group. Study groups: Intervention group: 5-7 sterile acupuncture needle (needle gauge 13-15 or 25) for 5 effective sessions using true acupuncture needle. Control group: Treated ineffectively, as similar to usual acupuncture method for 5 sessions but by fake needles. Primary outcome: Rate of pain

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017050833870N1**

Registration date: **2017-06-11, 1396/03/21**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-06-11, 1396/03/21

Registrant information

Name

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Name of organization / entity

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research and technology, Islamic Azad University of Shahrood

Expected recruitment start date

2017-03-21, 1396/01/01

Expected recruitment end date

2018-03-21, 1397/01/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the effect of acupuncture on pain relief in patients with dysmenorrhea: A clinical trial

Public title

The effect of acupuncture on pain relife in dysmenorrhea

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Patients with dysmenorrhea Exclusion criteria: Opium addiction; history of chronic disease

Age

No age limit

Gender

Female

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: 40
Randomization (investigator's opinion)
Not 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 Islamic Azad University of Shahrood
Street address
Islamic Azad University of Shahrood, Tehran Blvd, Shahrood
City
Shahrood
Postal code
Approval date
2017-03-09, 1395/12/19
Ethics committee reference number
IR.IAU.SHAHROOD.REC.1395.31

Health conditions studied

1

Description of health condition studied

Primary dysmenorrhea
ICD-10 code
N94.4
ICD-10 code description
Primary dysmenorrhoea

Primary outcomes

1

Description

Pain intensity
Timepoint
Menstrual initiation and 1,2,3 hours after that
Method of measurement
Numerical pain scale

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: 5-7 sterile acupuncture needle (needle gauge 13-15 or 25) for 5 effective sessions using true acupuncture needle.

Category

Treatment - Drugs

2

Description

Control group: Treated ineffectively, as similar to usual acupuncture method for 5 sessions but by fake needles

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
Khatam Alanbia Hospital of Shahrood
Full name of responsible person
Yousef Kolukhi
Street address
Khatam Alanbia Hospital, Tehran Blvd, Shahrood
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Shahrood

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for Research and Technology, Islamic Azad University of Shahrood
Full name of responsible person
Sahebali Manafi
Street address
Islamic Azad University of Shahrood, Tehran Blvd
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Shahrood

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 and Technology, Islamic Azad University of Shahrood

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

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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