

Clinical Trial Protocol

Iranian Registry of Clinical Trials

28 Jun 2026

The comparison between the effects of acupressure therapy and electroacupuncture in primary dysmenorrhea

Protocol summary

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Summary

The aim of this study is to compare the effects of acupressure therapy and electro-acupuncture therapy in dysmenorrhea. To this purpose 2 groups of patients with primary dysmenorrhea (70 subjects) will be studied. the subjects will randomized in to two groups,one group will receive acupressure therapy and the other electro-acupuncture therapy for one month.Pain on VAS and distress on Moos Menstrual Distress Questionnaire (MMDQ) will be measured for 3 months ,first month for general assessment , second month for applying therapy technique and assessment the primary effects of treatment and the third month for following the effects of treatment.

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for research of Tabriz University of Medical Sciences

Expected recruitment start date

2015-03-02, 1393/12/11

Expected recruitment end date

2015-12-01, 1394/09/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015012518760N2**

Registration date: **2015-04-18, 1394/01/29**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-04-18, 1394/01/29

Registrant information

Name

Fariba Ghaderi

Name of organization / entity

Tabriz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 41 1333 4647

Email address

Scientific title

The comparison between the effects of acupressure therapy and electroacupuncture in primary dysmenorrhea

Public title

The comparison between the effects of acupressure therapy and electroacupuncture in primary dysmenorrhea

Purpose

Treatment

Inclusion/Exclusion criteria

inclusion criteria : Virgin girls having dysmenorrhea in age 18-26 years old;VAS scale upper than 4 ;Regular period with 21-35 days interruptions; Girls having pain in lower abdomen and other dysmenorrhea`s signs in last 6 mounts. exclusion criteria : Existence of any cystic and disease related to pelvis ; womb ,and ovaries ;Experience of pelvis and ovaries operation ;Existence of itching ,prickling sensation ,and abnormal secretions; Using of special drugs in last 6 mounts ;Experience of stressful condition such as parent`s separation or death , in last 6 mounts ;Smoking or using alcohol ; Dissatisfaction to be

participate in this study.

Age

From **18 years** old to **26 years** old

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

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 Vice Chancellor for Research of
Tabriz University of Medical Science

Street address

Tabriz University of Medical Science

City

Tabriz

Postal code**Approval date**

2015-01-12, 1393/10/22

Ethics committee reference number

93155

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

Timepoint

per cycle

Method of measurement

VAS questionnaire

2**Description**

distress

Timepoint

per cycle

Method of measurement

Moos menstrual distress questionnaire :MMDQ

Secondary outcomes**1****Description**

absentism

Timepoint

per cycle

Method of measurement

days

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

Intervention Group : electroacupuncture

Category

Rehabilitation

2**Description**

Control Group : acupressure

Category

Rehabilitation

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

Tabriz University of Medical Sciences

Full name of responsible person

Katayun Ghorbanalipour

Street address

Rehabilitation Faculty of Tabriz University of Medical
Sciences

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research of Tabriz University of Medical Sciences

Full name of responsible person

Dr.Mohamad RezaRashidi

Street address

Tabriz University of Medical Sciences

City

Tabriz

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 Tabriz University of Medical Sciences

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**

Tabriz University of Medical Sciences

Full name of responsible person

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Position

MSc student of Physiotherapy

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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