Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

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

Protocol summary

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.

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

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Iran (Islamic Republic of)

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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

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 questionnare

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
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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