

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Effect of acupressure on the early menopausal complications in menopausal women who referred to selected health centers in Tehran 2012

Protocol summary

Summary

The purpose of this single blind placebo controlled randomized is to investigate the effect of acupressure on the early menopausal complications. Study population are include menopausal women who have hot flash and high sweat and anxiety and sleep quality disorders and are referred to selected public health centers in Tehran. the informed consent is obtained from patients. The patients will randomly assign in to intervention and placebo groups (n= 35 each). Intervention group receive (acupressure wrist band with push- button and education lifestyle changes during menopause) and placebo group receive (acupressure wrist band with out push- button and education lifestyle changes during menopause) for 4 weeks in the specific acupressure points (include Shenmen,Fuliu,Sanyinjiao) in wrist and ankle. Main out come measures are frequency and severity of hot flash and night sweating and severity of anxiety and sleep quality score wich measure by questionnaires (Pittsburgh and Spielberger) and diary card for frequency and severity of hot flash and high sweat before and after intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201112278537N1**
Registration date: **2012-03-10, 1390/12/20**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2012-03-10, 1390/12/20

Registrant information

Name

Maryam Armand

Name of organization / entity

The International Branch of Shahid Beheshti
University of Medical Sciences & Health services

Country

Iran (Islamic Republic of)

Phone

+98 21 4443 1793

Email address

sahar_armand@yahoo.com

Recruitment status

Recruitment complete

Funding source

The International Branch of Shahid Beheshti University of
Medical Sciences & Health Services

Expected recruitment start date

2012-03-19, 1390/12/29

Expected recruitment end date

2012-06-14, 1391/03/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of acupressure on the early menopausal
complications in menopausal women who referred to
selected health centers in Tehran 2012

Public title

Acupressure and treatment the early menopausal
complications

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Iranian nationality,being literate,age range 45-55 years,post menopausal females (elapsing 12 months of last menstrual phase),not using acupressure,reporting at least two times hot flashes per day and having night sweat and anxiety and sleep quality disorders. Exclusion criteria: women who received hormon therapy during the last 6 months,having any known diseases such as diabetes,cardiovascular diseases,hypertention and thyroid diseases,having any known diseases in hand or foot,consumption of drugs such as sedative,alfa adrenergic agonist such as clonidin,supplements such as soya,vitamin E,cigarette smoking.

Age

From **45 years** old to **55 years** old

Gender

Female

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **70**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

The International Branch of Shahid Beheshti
University of Medical Sciences & Health services

Street address

No 19,next to Shahid Hammat Bridge, vali asr street-
Shahid Abaspoorst street,Tehran.

City

Tehran

Postal code**Approval date**

2011-10-13, 1390/07/21

Ethics committee reference number

3743/116

Health conditions studied**1****Description of health condition studied**

Early menopausal complications

ICD-10 code

N95.1

ICD-10 code description

Menopausal and female climacteric states

Primary outcomes**1****Description**

The severity and frequency of hot flashes

Timepoint

A week before the study,end of second week,end of fourth week

Method of measurement

Diary card

2**Description**

The severity and frequency of night sweat

Timepoint

A week before the study,end of second week,end of fourth week

Method of measurement

Diary card

3**Description**

Severity of anxiety

Timepoint

Before the study,end of second week,end of fourth week

Method of measurement

Anxiety inventory spielberger

4**Description**

Rating the quality of sleep

Timepoint

Before the study,end of second week,end of fourth week

Method of measurement

Pittsburgh sleep quality inventory

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

Quality of life

Timepoint

Before the study,end of fourth week

Method of measurement

Quality of life questionnaire

2**Description**

Comparison of sleep quality score
Timepoint
Before the study,end of fourth week
Method of measurement
Pittsburgh sleep quality score

Intervention groups

1

Description

In the intervention group will be acupressure wrist band with push-button (for use Three times a week for 15 minutes) and education lifestyle changes during menopause.

Category

Treatment - Other

2

Description

In the control group will be acupressure wrist band with out push-button (for use Three times a week for 15 minutes) and education lifestyle changes during menopause.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Health centre Yaftabad

Full name of responsible person

Street address

City

Tehran

2

Recruitment center

Name of recruitment center

Health centre Shadabad

Full name of responsible person

Street address

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

The International Branch of Shahid Beheshti
University of Medical Sciences & Health services

Full name of responsible person

Dr. Ghanati, Research Manager

Street address

No 19,next to Shahid Hammat Bridge, vali asr street-

Shahid Abaspoorst street,Tehran.

City

Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

The International Branch of Shahid Beheshti University of
Medical Sciences & Health services

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

The International Branch of Shahid Beheshti
Univercity of Medical Sciences & Health services

Full name of responsible person

Maryam Armand

Position

Midwifery Master student of the International Branch
of Shahid Beheshti University of Medical Scienc

Other areas of specialty/work

Street address

No 19,next to Shahid Hammat Bridge,vali asr street-
Shahid Abaspoorst street,Tehran.

City

Tehran

Postal code

Phone

00982144431793; 00982188209024

Fax

Email

sahar_armand@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

The International Branch of Shahid Beheshti
University of Medical Sciences & Health Services

Full name of responsible person

Giti Ozgoli

Position

Department of Midwifery, Faculty of Nursing-
Midwifery Shahid Beheshti University of Medical
Sciences

Other areas of specialty/work

Street address

No 19,next to Shahid Hammat Bridge, vali asr street-
Shahid Abaspoorst street,Tehran.

City

Tehran

Postal code**Phone**

+98 21 8820 9020

Fax**Email**

gozgoli@yahoo.com

Web page address

Shahid Abaspoorst street,Tehran.

City

Tehran

Postal code**Phone**

+98 21 8820 9020

Fax**Email****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

Person responsible for updating data**Contact****Name of organization / entity**

The International Branch of Shahid Beheshti
University of Medical Sciences & Health Services

Full name of responsible person

Maryam Armand

Position

Midwifery Master Student

Other areas of specialty/work**Street address**

No 19,next to Shahid Hammat Bridge, vali asr street-