

Clinical Trial Protocol

Iranian Registry of Clinical Trials

15 Jul 2026

The effectiveness of Auricular Acupuncture on depression in infertile women

Protocol summary

Study aim

1. Detection of depression Before intervention in both the control and experimental groups
2. Detection of depression immediately and two months after intervention in both the control and experimental groups
3. Comparison of depression before and immediately and two months after intervention in both the control and experimental groups

Design

In this research, 70 patients with infertility diagnosis referring to the Milad Infertility Center were chosen purposefully and a code was allocated to each one of them. Then, patients were randomly divided into two control and intervention groups.

Settings and conduct

Before intervention, depression of two groups of test and control are measured. then, the acupressure of the ear will be applied to the patients in the test group for one month. Depression in both groups is determined immediately after the intervention and two months later. The levels of depression in the two groups will be compared over three stages.

Participants/Inclusion and exclusion criteria

Women with a Definitive diagnosis of infertility refer to the Milad Infertility Center for treatment, and according to the Beck Questionnaire score, they have some degree of depression but have no severe depressive disorder. They tend to participate in the project and have a natural eardrum.

Intervention groups

In the test group, 35 infertile patients undergo acupressure on the ears, And in the control group there are 35 patients whose intervention is not done

Main outcome variables

Exercise Acupressure is expected to reduce depression in infertile women.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171212037842N1**

Registration date: **2018-01-12, 1396/10/22**

Registration timing: **registered_while_recruiting**

Last update: **2018-01-12, 1396/10/22**

Update count: **0**

Registration date

2018-01-12, 1396/10/22

Registrant information

Name

Marjan ghodrati

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 5222 1227

Email address

ghodrati.m@gmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2017-12-15, 1396/09/24

Expected recruitment end date

2018-01-14, 1396/10/24

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effectiveness of Auricular Acupuncture on depression in infertile women		Province	Razavi Khorasan
Public title		Postal code	95441-54169
The effect of Auricular Acupuncture on depression in Infertility		Approval date	2017-03-14, 1395/12/24
Purpose		Ethics committee reference number	IR.GMU.REC.1395.130
Health service research		Health conditions studied	
Inclusion/Exclusion criteria		1	
Inclusion criteria:		Description of health condition studied	
Women with a definitive diagnosis of infertility Be Iranian		Depression in infertility	
No history of mental disorders associated with depression and medical illness		ICD-10 code	
Non-drug and non-pharmacological treatment of depression		F32	
No severe depression		ICD-10 code description	
Has a natural eardrum, no lesion, wounds and pain		Major depressive disorder, single episode	
The desire to participate in the scheme		Primary outcomes	
Exclusion criteria:		1	
Pregnancy during the design		Description	
Choose another cure for depression		Mean score and severity of depression	
Continue to cure infertility in another city or city		Timepoint	
Not Completing the Acupressure Course		Detection of depression before intervention, immediately after intervention, two months after intervention	
Severe Depression Disorder		Method of measurement	
Disclaimer of continued cooperation		Beck Depression questionnaire	
Age		Secondary outcomes	
From 19 years old to 45 years old		empty	
Gender		Intervention groups	
Female		1	
Phase		Description	
N/A		First intervention group, receives Acupuncture ear on three ears of ear in for one month and twice on day.	
Groups that have been masked		Category	
No information		Treatment - Other	
Sample size		2	
Target sample size: 70		Description	
Actual sample size reached: 70		The seconde Intervention group: Control group, does not receive any intervention.	
Randomization (investigator's opinion)		Category	
Randomized		N/A	
Randomization description		Recruitment centers	
Samples were randomly divided into two equal groups using simple random sampling.		1	
Blinding (investigator's opinion)		Recruitment center	
Not blinded		Name of recruitment center	
Blinding description		مرکز ناباروری میلاد شهر مشهد	
Placebo		Full name of responsible person	
Not used			
Assignment			
Parallel			
Other design features			
Secondary Ids			
empty			
Ethics committees			
1			
Ethics committee			
Name of ethics committee			
Ethnical Committee of Gonabad University of Medical Sciences			
Street address			
No. 8, Ghaem 30, Ghaem Ave			
City			
Torbat Heydareih			

نیره خادم

Street address

next to Sina Hospital, East Razi Ave

City

Mashhad

Province

Razavi Khorasan

Postal code

9135913556

Phone

+98 51 3853 4021

Email

ivfcenter@mums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Gonabad University of Medical Sciences

Full name of responsible person

علی محمد پور

Street address

Asian road border, Gonabad city

City

Gonabad

Province

Razavi Khorasan

Postal code

9691793718

Phone

+98 51 5722 3514

Email

info@gmu.ac.ir

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Gonabad 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

Gonabad University of Medical Sciences

Full name of responsible person

Marjan Ghodrati

Position

Student of medical surgical Nursing

Latest degree

Bachelor

Other areas of specialty/work

Nursery

Street address

No 8, Ghayem 30, Ghayem Ave

City

Torbat Heydarieh

Province

Razavi Khorasan

Postal code

9544154169

Phone

+98 51 5222 1227

Fax

Email

ghodrati.m@gmu.ac.ir

Person responsible for scientific inquiries

Contact

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Fax**Email**

ghodrati.m@gmu.ac.ir

Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Not applicable

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available