

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

13 Jun 2026

### Comparison of the simultaneous effect of all three therapeutic methods of Fire needle, Moxibustion, and auriculotherapy with and without light therapy with narrow band ultraviolet rays (NB-UVB) in vitiligo patients

#### Protocol summary

##### Study aim

Comparison of therapeutic effect of warm acupuncture, massage and auriculotherapy with and without light therapy in vitiligo patients

##### Design

The trial has two groups of 5 people, including the first group (control group), treatment without light therapy, treatment with warm acupuncture, massage and auriculotherapy, and the second group, in addition to light therapy, treatment with warm acupuncture, massage and auriculotherapy, and statistical methods used to compare groups in terms of primary and secondary outcomes, methods used in additional analyses, such as subgroup analyzes and adjusted analyses.)

##### Settings and conduct

This study was conducted at the Molecular Dermatology Research Center affiliated to Shiraz University of Medical Sciences and the Dermatology Clinic of Faqih Hospital in Shiraz and as an experiment in the form of a single-blind randomized controlled clinical trial, which was randomized based on the permutation table. The treatments were given twice in The week is done for three months and the patients are followed up for 6 months.

##### Participants/Inclusion and exclusion criteria

Patients, regardless of ethnicity and disease duration, at least 18 years old and without serious systemic disease, will participate in this study after a doctor's visit, eligibility and signed consent form. Pregnant and lactating mothers and special patients will not participate in this study.

##### Intervention groups

Treatment with hot acupuncture, massage and auriculotherapy with and without light therapy

##### Main outcome variables

The recovery rate of lesions of vitiligo patients The

percentage of vitiligo involvement is calculated per hand unit.

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20110731007160N9**

Registration date: **2023-08-07, 1402/05/16**

Registration timing: **prospective**

Last update: **2023-08-07, 1402/05/16**

Update count: **0**

##### Registration date

2023-08-07, 1402/05/16

##### Registrant information

##### Name

Nasrin Hamidizadeh

##### Name of organization / entity

Molecular Dermatology Research Center, Shiraz  
University of Medical Sciences, Shiraz, Iran

##### Country

Iran (Islamic Republic of)

##### Phone

+98 71 3212 5592

##### Email address

hamidizade@sums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2023-08-11, 1402/05/20

##### Expected recruitment end date

2023-10-21, 1402/07/29

##### Actual recruitment start date

empty  
**Actual recruitment end date**  
empty  
**Trial completion date**  
empty  
**Scientific title**  
Comparison of the simultaneous effect of all three therapeutic methods of Fire needle, Moxibustion, and auriculotherapy with and without light therapy with narrow band ultraviolet rays (NB-UVB) in vitiligo patients

**Public title**  
Comparison of the therapeutic effect of fire-needling, moxibustion and auriculotherapy in vitiligo patients  
**Purpose**  
Treatment  
**Inclusion/Exclusion criteria**  
**Inclusion criteria:**  
Regardless of ethnicity and disease duration, patients at least 18 years of age and without severe systemic disease will participate in this study after a physician visit, eligibility, and signing of an informed consent form.  
**Exclusion criteria:**

**Age**  
From **18 years** old to **50 years** old

**Gender**  
Both

**Phase**  
N/A

**Groups that have been masked**  
*No information*

**Sample size**  
Target sample size: **10**

**Randomization (investigator's opinion)**  
N/A

**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 Shiraz University of Medical Sciences  
**Street address**  
Vice Chancellor for Research, Shiraz University of Medical Sciences, Zand Blvd, Shiraz  
**City**

Shiraz  
**Province**  
Fars  
**Postal code**  
7134814336  
**Approval date**  
2023-01-10, 1401/10/20  
**Ethics committee reference number**  
IR.SUMS.REC.1401.641

## Health conditions studied

1

**Description of health condition studied**  
Vitiligo  
**ICD-10 code**  
L80  
**ICD-10 code description**  
Vitiligo

## Primary outcomes

1

**Description**  
Pigmentation in vitiligo lesions  
**Timepoint**  
Pigmentation in vitiligo lesions  
**Method of measurement**  
Vitiligo Area Scoring Index (VASI)

## Secondary outcomes

1

**Description**  
Intervention group: Patients are divided into two groups of 5 people who will participate in each group. In addition to light therapy, the intervention group is also treated with hot acupuncture, massage and auriculotherapy.  
**Timepoint**  
Treatment will be given twice a week for three months, and patients will be followed up for six months.  
**Method of measurement**  
Vitiligo Area Scoring Index (VASI)

## Intervention groups

1

**Description**  
Intervention group: Patients are divided into two groups of 5 people. In the first intervention group, in addition to light therapy, treatment with hot acupuncture, massage, and auriculotherapy is also performed.  
**Category**  
Treatment - Other

## 2

### Description

Intervention group: Patients are divided into two groups of 5 people. The second intervention group without light therapy, the treatment is done only with the help of hot acupuncture, massage and auriculotherapy.

### Category

Treatment - Other

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Molecular Dermatology Research Center

##### Full name of responsible person

Dr.Nasrin Hamidizadeh

##### Street address

Molecular Dermatology Research Center Shahid Faghihi hospital, Zand Avenue

##### City

Shiraz

##### Province

Fars

##### Postal code

7134844119

##### Phone

+98 71 3212 5592

##### Email

n.hamidizadeh.mdrc@gmail.com

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Shiraz University of Medical Sciences

##### Full name of responsible person

Mohammad Hashem Hashempur

##### Street address

7th Floor, Administration Building of Shiraz University of Medical Sciences, Office of the Vice Chancellor for Research and Technology, Shiraz University of Medical Sciences, Zand Ave., Shiraz, IRAN

##### City

Shiraz

##### Province

Fars

##### Postal code

71345-1978

##### Phone

+98 71 3235 7282

##### Email

vcrdep@sums.ac.ir

##### Grant name

##### Grant code / Reference number

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

Yes

##### Title of funding source

Shiraz 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

Shiraz University of Medical Sciences

##### Full name of responsible person

Dr.Nasrin Hamidizadeh

##### Position

Manager of Research Center

##### Latest degree

Ph.D.

##### Other areas of specialty/work

Immunology

##### Street address

Molecular Dermatology Research Center Shahid Faghihi hospital, Zand Avenue, Shiraz-Iran

##### City

Shiraz

##### Province

Fars

##### Postal code

7134844119

##### Phone

+98 71 3212 5592

##### Email

hamidizade@sums.ac.ir

## Person responsible for scientific inquiries

#### Contact

##### Name of organization / entity

Shiraz University of Medical Sciences

##### Full name of responsible person

Dr.Nasrin Hamidizadeh

##### Position

Director

##### Latest degree

Ph.D.

##### Other areas of specialty/work

Immunology

##### Street address

Molecular Dermatology Research Center Shahid Faghihi hospital, Zand Avenue, Shiraz-Iran

##### City

Shiraz

##### Province

Fars

**Postal code**  
7134844119  
**Phone**  
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**Email**  
n.hamidizadeh.mdrc@gmail.com

## Person responsible for updating data

### Contact

**Name of organization / entity**  
Shiraz University of Medical Sciences  
**Full name of responsible person**  
Sara Ranjbar  
**Position**  
Research Expert  
**Latest degree**  
Master  
**Other areas of specialty/work**  
Others  
**Street address**  
Molecular Dermatology Research Center Shahid  
Faghihi hospital, Zand Avenue, Shiraz-Iran  
**City**  
Shiraz  
**Province**  
Fars  
**Postal code**  
7134844119  
**Phone**  
+98 71 3212 5592  
**Email**  
s.ranjbar.mdrc@gmail.com

## Sharing plan

### Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

### Study Protocol

Yes - There is a plan to make this available

### Statistical Analysis Plan

Yes - There is a plan to make this available

### Informed Consent Form

Yes - There is a plan to make this available

### Clinical Study Report

Yes - There is a plan to make this available

### Analytic Code

Yes - There is a plan to make this available

### Data Dictionary

Yes - There is a plan to make this available

### Title and more details about the data/document

Presenting the results of the VASI index regarding the percentage of improvement

### When the data will become available and for how long

Immediately after the publication of the article

### To whom data/document is available

Researchers

### Under which criteria data/document could be used

Send researchers' requests via email and make a commitment to applicants to protect the data

### From where data/document is obtainable

Sending researchers' requests via e-mail to the e-mail address of the executor and in charge of the project, Dr. Nasrin Hamidizadeh. n.hamidizadeh.mdrc@gmail.com

### What processes are involved for a request to access data/document

The applicant researcher should send his request to the email address of the executor of the project, Dr. Nasrin Hamidizadeh (n.hamidizadeh.mdrc@gmail.com). Within one week after evaluation, the data will be sent to the applicant via email, along with making a commitment.

### Comments