

Clinical Trial Protocol

Iranian Registry of Clinical Trials

05 Jun 2026

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

Protocol summary

The healing rate of psoriasis patients with PASI index

Study aim

Comparison of the therapeutic effect of warm acupuncture, massage, and auriculotherapy with and without light therapy with narrow band ultraviolet (NB-UVB) in patients with psoriasis

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, the methods used in additional analyses, such as subgroup analyzes and adjusted analyses) and PASI of lesions based on redness, thickness and evaluates the scaling of the target plaques (each graded on a scale of 0-4) with the surface of the area of engagement

Settings and conduct

The study is conducted at the Molecular Dermatology Research Center affiliated to Shiraz University of Medical Sciences and Shiraz Faqihi Hospital Dermatology Clinic, and it is a pilot study in the form of a randomized clinical trial that is conducted using the permutation table method.

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

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20110731007160N10**

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 narrowband ultraviolet rays (NB-UVB) in psoriasis patients

Public title

Comparison of the therapeutic effect of warm acupuncture, massage, and auriculotherapy with and without light therapy with narrow band ultraviolet in patients with psoriasis

Purpose

Treatment

Inclusion/Exclusion criteria**Inclusion criteria:**

Patients, regardless of ethnicity and disease duration, 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

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **10**

Randomization (investigator's opinion)

Not 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 Shiraz University of Medical Sciences

Street address

Vice Chancellor for Research and Technology, Shiraz

University of Medical Sciences, Zand Ave., Shiraz, Iran

City

Shiraz

Province

Fars

Postal code

1433671348

Approval date

2023-01-21, 1401/11/01

Ethics committee reference number

IR.SUMS.REC.1401.697

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

Psoriasis

ICD-10 code

L40

ICD-10 code description

Psoriasis

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

Thickness, redness, scaling and involved surface

Timepoint

Variables are measured using PASI. PASI is the gold standard for evaluating psoriasis

Method of measurement

PASI assesses lesions based on redness, thickness, and desquamation of target plaques (each graded on a scale of 0-4) with the extent of the area of involvement.

Secondary outcomes

empty

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

Intervention group: Patients are divided into two groups of 5 people. The first intervention group is performed with the help of light therapy and along with that treatment with the help of warm acupuncture, massage and auriculotherapy.

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 of Shiraz
Universit

Full name of responsible person

Dr.Nasrin Hamidizadeh

Street address

Molecular Dermatology Research Center Shahid
Faghihi hospital, Zand Avenue

City

Dr.Nasrin Hamidizadeh

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

Dr. Mohammad Hashem Hashempour

Street address

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

n.hamidizadeh.mdrc@gmail.com

Person responsible for scientific 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

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Other areas of specialty/work

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Postal code

7134844119

Phone

+98 71 3212 5592

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 PASI 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