Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 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

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

The healing rate of psoriasis patients with PASI index

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

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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

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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

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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

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

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Person responsible for scientific inquiries

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Position
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Latest degree
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Other areas of specialty/work
Immunology

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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

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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