

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### Evaluation of healing effects of topical Liquirice preparation containing geranium and myrtus essential oil on Shingles symptoms in volunteered patients

#### Protocol summary

##### Study aim

Evaluation of the effect of the herbal product on the improvement of symptoms and pain of shingles disease in the active phase of the disease,, in two groups during the three-month treatment period, and the effect of the herbal product on the prevention and improvement of PHN in patients.in two groups in the three-month treatment period, comparing the results of them with each other

##### Design

Clinical trial with two control and control groups, prospectively randomized, on 40 patients

##### Settings and conduct

The way of dividing the patients is such that 40 patients who meet the conditions for entering the study are divided into two groups of 20 people, including the control group and the positive control group are divided. After consulting and fully explaining the conditions of the plan, the patients entered the study and the data collection form in the form of a questionnaire in three time periods: 1) the time of visit, 2) three weeks later and 3) twelve weeks after the first visit and the start of treatment. Placed.

##### Participants/Inclusion and exclusion criteria

Have an age of over eighteen Have referred to Sedigheh Tahereh Dermatologist or Alzahra Hospital Dermatology Clinic

##### Intervention groups

The positive control group of shingles patients: the group that takes the usual oral and topical medicine of the disease until the symptoms of the disease The control group of shingles patients: the group who, in addition to the usual medications for shingles, also consume the herbal topical product ,two to three times a day.

##### Main outcome variables

The pain score in the active phase of the disease and in nerve pain after shingles recovery is determined and

evaluated according to the Wes Score scale from zero to ten .Also, the score of the apparent symptoms of the active phase of the disease is determined and evaluated according to the Likert scale from one to five.

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20220123053800N1**

Registration date: **2022-11-26, 1401/09/05**

Registration timing: **retrospective**

Last update: **2022-11-26, 1401/09/05**

Update count: **0**

##### Registration date

2022-11-26, 1401/09/05

##### Registrant information

##### Name

fatemeh asgari

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 21 7795 2052

##### Email address

f.asgari7422@gmail.com

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2021-04-09, 1400/01/20

##### Expected recruitment end date

2022-07-21, 1401/04/30

##### Actual recruitment start date

2021-04-21, 1400/02/01  
**Actual recruitment end date**  
2022-06-15, 1401/03/25  
**Trial completion date**  
2022-06-15, 1401/03/25

**Scientific title**  
Evaluation of healing effects of topical Liquirice preparation containing geranium and myrtus essential oil on Shingles symptoms in volunteered patients

**Public title**  
Evaluation of healing effects of topical Liquirice ,geranium and myrtus on Shingles symptoms

**Purpose**  
Treatment

**Inclusion/Exclusion criteria**  
**Inclusion criteria:**  
Be over eighteen years old They have referred to Sedigheh Tahereh Dermatologist and Seeker or Al-Zahra Hospital Dermatology Clinic  
**Exclusion criteria:**

**Age**  
From **18 years** old

**Gender**  
Both

**Phase**  
3

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

**Sample size**  
Target sample size: **40**  
Actual sample size reached: **40**

**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 Isfahan University of Medical Science  
**Street address**  
No.12, Azadkho alley, 40th square, Telephonkhaneh cross, Narmak quarter, Tehran.  
**City**  
Isfahan

**Province**  
Isfahan  
**Postal code**  
1647616811  
**Approval date**  
2020-11-04, 1399/08/14  
**Ethics committee reference number**  
IR.MUI.RESEARCH.REC.۱۳۹۹.۴۹۵

## Health conditions studied

### 1

#### Description of health condition studied

Shingles or varicella zoster virus

#### ICD-10 code

B02

#### ICD-10 code description

Zoster [herpes zoster]

## Primary outcomes

### 1

#### Description

Pain score in the active phase of the disease and in nerve pain after shingles recovery.

#### Timepoint

First: time of visit, second: three weeks later, third: twelve weeks later

#### Method of measurement

The graph is determined and evaluated according to VAS score from zero to ten (in the numerical range zero = no pain and ten = unbearable pain).

## Secondary outcomes

### 1

#### Description

The score of the outward symptoms of the active phase of the disease.

#### Timepoint

First: time of visit, second: three weeks later, third: twelve weeks later.

#### Method of measurement

The variable is determined and evaluated according to the Likert scale from one to five (in the numerical range of one = very low and five = very high).

## Intervention groups

### 1

#### Description

Control group: received the classic treatment of shingles.  
Intervention group: received the classic treatment of shingles along with using the prepared product three times a day.

#### Category

Treatment - Drugs

## Recruitment centers

1

### Recruitment center

**Name of recruitment center**

Skin clinic of Al-Zahra Hospital and Skin and Skin Care Center of Siddiqah Tahereh

**Full name of responsible person**

Dr. Zabihullah Shahmoradi and Dr. Nazila Postian

**Street address**

No.12, Azadkho alley, 40th square, Telephonkhaneh cross, Narmak quarter, Tehran.

**City**

Isfahan

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Isfahan

**Postal code**

1647616811

**Email**

F.asgari7422@gmail.com

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

Esfahan University of Medical Sciences

**Full name of responsible person**

Masoud sadeghi dinani

**Street address**

No.12, Azadkho alley, 40th square, Telephonkhaneh cross, Narmak quarter, Tehran.

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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**

Esfahan 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**

Esfahan University of Medical Sciences

**Full name of responsible person**

Fateme asgari

**Position**

Student

**Latest degree**

A Level or less

**Other areas of specialty/work**

Medical Pharmacy

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## Person responsible for scientific inquiries

### Contact

**Name of organization / entity**

Esfahan University of Medical Sciences

**Full name of responsible person**

Nazila poostiyan

**Position**

Assistant Professor of Dermatology

**Latest degree**

Medical doctor

**Other areas of specialty/work**

Dermatology

**Street address**

Skin diseases and leishmaniasis research center, Department of dermatology, Isfahan university of medical sciences ,Isfahan, Iran

**City**

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**Phone**

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**Email**

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## Person responsible for updating data

### Contact

**Name of organization / entity**

Esfahan University of Medical Sciences

**Full name of responsible person**

Fateme asgari

**Position**

Student

**Latest degree**

A Level or less

**Other areas of specialty/work**

Medical Pharmacy

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## Sharing plan

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

Yes - There is 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**

Yes - There is 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**

Not applicable

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

The questionnaire contains personal information of the patients and their condition during the treatment period.

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

After 3 months, the results will be printed

**To whom data/document is available**

Researchers working in academic institutions.

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

The use of data is unrestricted.

**From where data/document is obtainable**

F.asgari7422@gmail.com

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

Send an email to the moderator.

**Comments**