

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

27 Jun 2026

### Evaluating the effect of myrtus communis cream on sulphur mustard-induced chronic pruritus compare to current treatments

#### Protocol summary

##### Summary

Aim: The study of therapeutic effects of herbal myrtus cream on Chronic itching of the skin lesions caused by sulfur mustard on chemical warfare and comparison with current treatments. Study feature: randomize, Double blind, control with Placebo. Inclusion criteria consisted of Iranian veterans of the Iraq-Iran war who were suffering from chronic pruritic skin lesions. Exclusion criteria: patients were excluded if itching resulted from systemic or cutaneous non-chemical diseases. Target sample size included 60 subjects (30 control -30 patient ). Intervention: myrtus cream applied on skin twice a day for 2 weeks or 1 month . control group :base cream applied on skin twice a day for 2 weeks or 1 month. Primary outcomes included pruritus and atopic dermatitis.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2014090819090N1**  
Registration date: **2014-11-21, 1393/08/30**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2014-11-21, 1393/08/30

##### Registrant information

###### Name

Maryam Iman

###### Name of organization / entity

Chemical Injuries Research Center

###### Country

Iran (Islamic Republic of)

###### Phone

+98 21 8248 2496

###### Email address

iman1359@yahoo.com

###### Recruitment status

**Recruitment complete**

###### Funding source

Chemical Injuries Research Center of Baqiyatallah University

###### Expected recruitment start date

2014-09-23, 1393/07/01

###### Expected recruitment end date

2015-06-22, 1394/04/01

###### Actual recruitment start date

empty

###### Actual recruitment end date

empty

###### Trial completion date

empty

###### Scientific title

Evaluating the effect of myrtus communis cream on sulphur mustard-induced chronic pruritus compare to current treatments

###### Public title

Effect of myrtus cream on SM-induced skin pruritus

###### Purpose

Treatment

###### Inclusion/Exclusion criteria

Included subjects were Iranian veterans of the Iraq-Iran war who were suffering from chronic pruritic skin lesions. Patients were excluded if itching resulted from systemic or cutaneous non-chemical diseases, or if they had received any topical treatments within 1 month before the study.

###### Age

No age limit

###### Gender

Both

## Phase

3

## Groups that have been masked

No information

## Sample size

Target sample size: 60

## Randomization (investigator's opinion)

Randomized

## Randomization description

## Blinding (investigator's opinion)

Double blinded

## Blinding description

## Placebo

Used

## Assignment

Parallel

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Ethics Committee of Baqiyatallah University of  
Medical Sciences

##### Street address

Nosrati alley, Sheikh Bahayi, Mollasadra

##### City

Tehran

##### Postal code

#### Approval date

2014-05-31, 1393/03/10

#### Ethics committee reference number

340/3/5291

## Health conditions studied

### 1

#### Description of health condition studied

Atopic dermatitis

#### ICD-10 code

XII

#### ICD-10 code description

Diseases of the skin and subcutaneous tissue

### 2

#### Description of health condition studied

Pruritus

#### ICD-10 code

XII

#### ICD-10 code description

Diseases of the skin and subcutaneous tissue

## Primary outcomes

### 1

#### Description

Pruritus

#### Timepoint

one month

#### Method of measurement

Visual Analogue Scale questionnaire and Examination

### 2

#### Description

atopic dermatitis

#### Timepoint

1 month

#### Method of measurement

Scoring of Atopic Dermatitis and Dermatology Life  
Quality Indexes and Examination

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: myrtus cream on skin twice a day for  
2 weeks or 1 month

#### Category

Treatment - Drugs

### 2

#### Description

Control group: base cream on skin twice a day for 2  
weeks or 1 month

#### Category

Treatment - Drugs

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Baqiyatallah Hospital

##### Full name of responsible person

Maryam Iman

##### Street address

Baqiyatallah Hospital Molasadra street

##### City

Tehran

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**

Chancellor for Research of Baqiyatallah University of  
Medical

**Full name of responsible person**

Yunes Panahi

**Street address**

Mollasadra, Shekh Bahayi, Baqiyattallah university

**City**

Tehran

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Chancellor for Research of Baqiyatallah University of  
Medical

**Proportion provided by this source**

100

**Public or private sector**

*empty*

**Domestic or foreign origin**

*empty*

**Category of foreign source of funding**

*empty*

**Country of origin****Type of organization providing the funding**

*empty*

**Person responsible for general inquiries****Contact****Name of organization / entity**

Chemical Injuries Research Center

**Full name of responsible person**

Maryam Salehi

**Position**

Ph. D. Student

**Other areas of specialty/work****Street address**

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Chemical Injuries Research Center

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Pharmaceutics Ph. D.

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Baqiyattallah University

**Full name of responsible person**

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**Position**

Ph. D. Student

**Other areas of specialty/work****Street address**

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**Postal code****Phone**

+98 21 8248 2496

**Fax****Email****Web page address****Sharing plan****Deidentified Individual Participant Data Set (IPD)**

*empty*

**Study Protocol**

*empty*

**Statistical Analysis Plan**

*empty*

**Informed Consent Form**

*empty*

**Clinical Study Report**

*empty*

**Analytic Code**

*empty*

**Data Dictionary**

*empty*