

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jul 2026

### Evaluation of efficacy of Topical Timolol for treatment in conjunctival Pyogenic Granuloma

#### Protocol summary

##### Study aim

Evaluation of efficacy of Topical Timolol for treatment in conjunctival Pyogenic Granuloma in patients refer to farshchian hospital 2022

##### Design

Phase 2-3 clinical trial is conducted on 46 patients without randomization and blinding.

##### Settings and conduct

This clinical trial study is conducted on pyogenic granuloma patients in Farshchian Hospital, Hamedan.

##### Participants/Inclusion and exclusion criteria

Inclusion criteria: Pyogenic granuloma; Consent to participate in the study Exclusion criteria: Pregnancy; Presence of previous similar lesions; Lost follow-up after 6 weeks.

##### Intervention groups

Intervention group: 46 patients with pyogenic granuloma of the eye conjunctiva will be treated with 5% topical timolol drops made by Sina Daro pharmaceutical company(Iran) twice a day for 3 to 6 weeks.

##### Main outcome variables

Lesion improvement, lesion recurrence and complications

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20160523028008N27**

Registration date: **2023-01-13, 1401/10/23**

Registration timing: **prospective**

Last update: **2023-01-13, 1401/10/23**

Update count: **0**

##### Registration date

2023-01-13, 1401/10/23

#### Registrant information

##### Name

Mohammad Faryadras

##### Name of organization / entity

Hamadan University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 81 3428 9706

##### Email address

m.faryadras@umsha.ac.ir

#### Recruitment status

##### Recruitment complete

#### Funding source

##### Expected recruitment start date

2023-01-25, 1401/11/05

##### Expected recruitment end date

2023-02-20, 1401/12/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

#### Scientific title

Evaluation of efficacy of Topical Timolol for treatment in conjunctival Pyogenic Granuloma

#### Public title

Evaluation of efficacy of Topical Timolol for treatment in conjunctival Pyogenic Granulom

#### Purpose

Treatment

#### Inclusion/Exclusion criteria

##### Inclusion criteria:

Pyogenic granuloma Consent to participate in the study

##### Exclusion criteria:

Pregnancy Presence of previous similar lesions Lost of follow-up after 6 week.

## Age

No age limit

## Gender

Both

## Phase

2-3

## Groups that have been masked

No information

## Sample size

Target sample size: 46

## Randomization (investigator's opinion)

N/A

## Randomization description

## Blinding (investigator's opinion)

Not blinded

## Blinding description

## Placebo

Used

## Assignment

Single

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Research Ethic Committee of Hamadan University of Medical Sciences

##### Street address

Vice-chancellor of Research the Technology,  
Hamadan University of Medical Sciences, Shahid Fahmideh

##### City

Hamadan

##### Province

Hamadan

##### Postal code

6517838695

#### Approval date

2022-12-24, 1401/10/03

#### Ethics committee reference number

IR.UMSHA.REC.1401.833

## Health conditions studied

### 1

#### Description of health condition studied

Pyogenic granuloma

#### ICD-10 code

L98.0

#### ICD-10 code description

Pyogenic granuloma

## Primary outcomes

### 1

#### Description

Lesion healing

#### Timepoint

6 weeks after treatment

#### Method of measurement

Eye examination

### 2

#### Description

Recurrence of the lesion

#### Timepoint

6 weeks after treatment

#### Method of measurement

Eye examination

## Secondary outcomes

### 1

#### Description

Complication

#### Timepoint

12 weeks after treatment

#### Method of measurement

Eye examination

## Intervention groups

### 1

#### Description

Intervention group: 46 patients with pyogenic granuloma of the eye conjunctiva will be treated with 5% topical timolol drops made by Sina Daro pharmaceutical company(Iran) twice a day for 3 to 6 weeks.

#### Category

Treatment - Drugs

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Farshchian Hospital

##### Full name of responsible person

Fatemeh Eslami

##### Street address

Farshchian Hospital, Mirzadeh Eshghi Ave

##### City

Hamadan

##### Province

Hamadan

##### Postal code

6517838695

##### Phone

+98 81 1828 5015

**Email**

hrgb2005@yahoo.com

## Sponsors / Funding sources

### 1

#### Sponsor

**Name of organization / entity**

Hamedan University of Medical Sciences

**Full name of responsible person**

Reza Shokohei

**Street address**

Vice-chancellor of Research the Technology,  
Hamadan University of Medical Sciences, Shahid  
Fahmideh street

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**Phone**

+98 81 3838 0717

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vc\_research@umsha.ac.ir

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Hamedan 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**

Hamedan University of Medical Sciences

**Full name of responsible person**

Fatemeh Eslami

**Position**

Associate professor

**Latest degree**

Specialist

**Other areas of specialty/work**

Ophthalmology

**Street address**

Farshchian Hospital, Mirzadeh Eshghi Ave.

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## Person responsible for scientific inquiries

#### Contact

**Name of organization / entity**

Hamedan University of Medical Sciences

**Full name of responsible person**

Fatemeh Eslami

**Position**

Associate professor

**Latest degree**

Specialist

**Other areas of specialty/work**

Ophthalmology

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## Person responsible for updating data

#### Contact

**Name of organization / entity**

Hamedan University of Medical Sciences

**Full name of responsible person**

Hamiad Salehei

**Position**

Medical student

**Latest degree**

Medical doctor

**Other areas of specialty/work**

Ophthalmology

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**Province**

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**Email**

hamidsalehi853@gmail.com

## **Sharing plan**

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

No - There is not a plan to make this available

### **Justification/reason for indecision/not sharing IPD**

There is not a plan to make this available

### **Study Protocol**

No - There is not a plan to make this available

### **Statistical Analysis Plan**

No - There is not a plan to make this available

### **Informed Consent Form**

No - There is not a plan to make this available

### **Clinical Study Report**

No - There is not a plan to make this available

### **Analytic Code**

No - There is not a plan to make this available

### **Data Dictionary**

No - There is not a plan to make this available