

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jul 2026

Comparative survey on the effect of intralesional verapamil and triamcinolon on Hypertrophic scar and keloid in Rasul Aakram hospital in 94-95

Protocol summary

Summary

Aim of survey: comparative survey on the effect of verapamil and triamcinolone Hypertrophic scar and keloid treatment. Study design: coincidental, one center, first stage of case control study. Population of study: patients with hypertrophic scar and keloid with no another treatment. Sample size: 25 case and 25 control. Study intervention: intra lesional injection of verapamil and triamcinolon. Primary outcome: treatment of hypertrophic scar and keloid.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016010425539N5**

Registration date: **2016-02-07, 1394/11/18**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-02-07, 1394/11/18

Registrant information

Name

Abbas Zamanian

Name of organization / entity

Iran University Of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 4401 1989

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a.zamanian@iums.ac.ir

Recruitment status

Recruitment complete

Funding source

Iran University of Medical Sciences

Expected recruitment start date

2016-02-04, 1394/11/15

Expected recruitment end date

2017-02-03, 1395/11/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparative survey on the effect of intralesional verapamil and triamcinolon on Hypertrophic scar and keloid in Rasul Aakram hospital in 94-95

Public title

Comparing the effect of Verapamil and triamcinolon in Hypertrophic scar treatment

Purpose

Treatment

Inclusion/Exclusion criteria

Patients with hypertrophic scar and keloid which had not any other treatment and after accept of survey condition to come montly for enjection.

Age

No age limit

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **50**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids****1****Registry name**

-

Secondary trial Id

-

Registration date

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Ethics Committee of Iran University of Medical Sciences

Street address

Iran University of Medical Sciences, Adjacent to Milad Tower, Hemmat highway

City

Tehran

Postal code

19922347512

Approval date

2015-09-23, 1394/07/01

Ethics committee reference number

IR.IUMS.REC.1394.9311166004

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

Hypertrophic scar

ICD-10 code

L91.0

ICD-10 code description

Keloid scar

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

Hypertrophic scar

Timepoint

The month 0, 1, 2 during treatment and 1 month after

treatment

Method of measurement

The highest elevation of hypertrophic scar with calliper and ruler

Secondary outcomes**1****Description**

Patient satisfaction from treatment

Timepoint

After treatment

Method of measurement

The percentage and score of the patient to treatment

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

Intralesional verapamil, vial 2/5 mg, monthly for 3months.

Category

Treatment - Drugs

2**Description**

Intralesional triamcinolone, injectable suspension 40mg, 50% concentration, monthly for 3 month.

Category

Treatment - Drugs

Recruitment centers**1****Recruitment center****Name of recruitment center**

Rasool Akram hospital

Full name of responsible person

Maryam Nokandeh

Street address

Rasool Akram Hospital, Niayesh Street, Shahr Ara, Sattarkhan Street

City

Tehran

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice chancellor for research, Iran University of Medical Sciences

Full name of responsible person

Leila Irani

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Iran University of Medical Sciences, Adjacent to the

Milad Tower, Hemat Highway
City
 Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
 Yes
Title of funding source
 Vice chancellor for research, Iran University of Medical Sciences
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
 Iran University of Medical Sciences
Full name of responsible person
 Maryam Nokandeh
Position
 Dermatology resident
Other areas of specialty/work
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Person responsible for scientific inquiries

Contact

Name of organization / entity
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Full name of responsible person
 Dr. Abbas Zamanin
Position

Associate professor, dermatologist
Other areas of specialty/work
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Person responsible for updating data

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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