

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

Clinical trial comparison the therapeutic effect of honey drop and ciprofloxacin drop in corneal ulcer

Protocol summary

Summary

Objectives:evaluation the effect of honey on corneal ulcer design:All patients that enrolled in this study are from patients that are referred to eye emergency setting and conduct: all patients were referred due to metallic foreign body with corneal ulcer major inclusion and exclusion criteria:ulcers less than 2 mm that are not in center of cornea without anterior chamber reaction. Patients are randomly divided into 2 groups.for 1 group we will start topical ciprofloxacin and for the other group topical honey is applied.smear and culture are taken before starting drops. Main outcome measures variables:in antibiogram (MIC) honey is checked.all patients will be examined daily for depth and size of ulcer and progression.the honey drop is completely filtered and is antiseptic.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015020120892N1**

Registration date: **2015-10-11, 1394/07/19**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-10-11, 1394/07/19

Registrant information

Name

Mahmood Nejabat

Name of organization / entity

Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, shiraz university of medical sciences

Expected recruitment start date

2014-03-20, 1392/12/29

Expected recruitment end date

2015-03-20, 1393/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Clinical trial comparison the therapeutic effect of honey drop and ciprofloxacin drop in corneal ulcer

Public title

Clinical trial of comparison the effect of honey drop and ciprofloxacin drop in corneal ulcer

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:All patients that enrolled in this study are from patients that are referred to eye emergency due to metallic foreign body; with corneal ulcer less than 2 mm; that are not in center of cornea without anterior chamber reaction. Exclusion criteria:corneal ulcers that located in center of cornea;or non metallic; or larger than 2 mm; or in the presence if anterior chamber reaction.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 50

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Patients are randomly divided into 2 groups according to closed pockets. For 1 group we will start topical ciprofloxacin and for the other group topical honey is applied. Smear and culture are taken before starting drops. In antibiogram (MIC) honey is checked.

Secondary IDs

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Shiraz University of Medical Sciences

Street address

Shiraz University of Medical Sciences central building, Zand BLVD, Shiraz, Iran

City

Shiraz

Postal code

7193616641

Approval date

2015-04-19, 1394/01/30

Ethics committee reference number

IR.SUMS.REC.1394.2

Health conditions studied

1

Description of health condition studied

Corneal ulcer

ICD-10 code

H16.0

ICD-10 code description

Corneal ulcer

Primary outcomes

1

Description

size of ulcer.inflammation.epithelial healing

Timepoint

1st,3rd,7th and 10th

Method of measurement

Slit Lamp and questionaer

Secondary outcomes

1

Description

Allergy to Honey

Timepoint

The Patient is Observed and Also alarm signs are taken to them

Method of measurement

With Clinical Exam

Intervention groups

1

Description

Intervention group 1: the patients that receive topical honey drop 70 % (manufactured by pharmacologic center of Shiraz university of medical sciences). In this group drop of honey Every 6 hours will be applied.intervention

Category

Treatment - Drugs

2

Description

Intervention group 2: The patient that receive Ciprofloxacin 0.3 (Sina darou company, Teh-IR, with IRC1228036651). In this group drop of Ciprofloxacin will be applied every 6 hours.all of the patients will be examined until the ulcer become improved totally.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Khalili Hospital

Full name of responsible person

Doctor Mahmood Nejabat

Street address

Shiraz, Khalili Street, Khalili Hospital

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Shiraz University of Medical Sciences

Full name of responsible person

Doctor Sayed Basir Hashemi

Street address

Shiraz University of Medical Sciences central building, Zand BLVD, Shiraz, Iran

City

Shiraz

Grant name

پایان نامه دانشجویی

Grant code / Reference number

91-01-01-4982

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

Yes

Title of funding source

Vice chancellor for research, Shiraz 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**

Shiraz University of Medical Sciences

Full name of responsible person

Doctor Mahmood Nejabat

Position

Asociated Professor Of Ophthalmology

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Cornea fellowship

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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