Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 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 reffered to eye emergency setting and conduct: all patients were reffered due to metalic 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 ciprofloxacine 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
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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 reffered to eye emergency due to metalic foreign body; with corneal ulcer less than 2 mm; that are not in center of cornea without anterior chamber reaction. Exclusion criteria:corneral ulcers that located in center of cornea;or non metalic; 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 ciprofloxacine 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 questionaeer

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 recieve topical honey drop 7o %(manufactured by pharmacologic center of Shiraz university of medical sciences).In this group drop of honey Every6 hours will be applies.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

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