

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Investigation Of The Effect Of Herbix compound In The Treatment Of Facial Herpes.

Protocol summary

Study aim

.Determining the effect of Herbix combination in the treatment of facial herpes

Design

A clinical trial with a control group, with parallel groups, single-blind, randomized, phase 2 for 10 patients.

Settings and conduct

.Patients are introduced to Targaba health network and. Before starting the treatment, a blood sample and wound tissue sample, real time PCR and a photo of the wound will be taken. One drop of Herbix medicine will be used on the wound. Follow-up will be done for one month. Demographic and clinical information will be collected from the case, test and observation. After one month, the blood test will be repeated and a photo will be taken of the place where the herpes has healed. In this study, we will investigate the variables of HDF, 8-OH-dG, HSV-1 gene, caspase-3 gene, caspase-9 gene, and Anti-Herpes cytotoxicity.

Participants/Inclusion and exclusion criteria

Clinical Lyme Herpes such as tingling and itching around the wound Small blisters filled with liquid on the skin of the face Scaling of small merged blisters Fluid secretion

Intervention groups

5 control group patients have facial herpes sores will receive only the selected drug Acyclovir (the same drug as the doctor's opinion) and for the intervention group, 5 patients will receive the drug Acyclovir in addition to Herbix.

Main outcome variables

.Herbix, HDF fibroblast cell, 8-OH-dG, HSV-1 gene, caspase-3 gene, caspase-9 gene, Anti-Herpes

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20231030059908N2**

Registration date: **2023-12-25, 1402/10/04**

Registration timing: **prospective**

Last update: **2023-12-25, 1402/10/04**

Update count: **0**

Registration date

2023-12-25, 1402/10/04

Registrant information

Name

Fateme Mollazade

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 5523 4944

Email address

f.mollazade1159@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2024-01-21, 1402/11/01

Expected recruitment end date

2024-09-21, 1403/06/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigation Of The Effect Of Herbix compound In The Treatment Of Facial Herpes.

Public title

Herbix compound In The Facial Herpes.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:
Clinical symptoms of herpes such as tingling and itching around the wound. Small blisters filled with liquid on the skin of the face. Scaling of small merged blisters. Fluid secretion.

Exclusion criteria:

Age
No age limit

Gender
Both

Phase
1-2

Groups that have been masked

- Care provider

Sample size
Target sample size: 15

Randomization (investigator's opinion)
Not randomized

Randomization description

Blinding (investigator's opinion)
Single blinded

Blinding description
.In this study, the clinical caregivers of this doctor and her assistants.

Placebo
Used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Ethics Committee in Biomedical Research, Mashhad Unit

Street address
Mashhad, 14 Imam Khomeini Street, Faculty of Medicine, Azad University

City
Mashhad

Province
Razavi Khorasan

Postal code
9187147578

Approval date
2023-11-19, 1402/08/28

Ethics committee reference number
IR.IAU.MSHD.REC.1402.135

Health conditions studied

1

Description of health condition studied
herpes simplex

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description
RNA extraction

Timepoint
At the beginning of the study, on the thirtieth day.

Method of measurement
HDF fibroblast cell, 8-OH-dG, HSV-1 gene, caspase-3 gene, caspase-9 gene, Anti-Herpe

2

Description
Real-time Polymerase chain reaction investigation

Timepoint
At the beginning of the study, on the thirtieth day

Method of measurement
Commercial kit of Ben Yakhte company

3

Description
Antiviral antibody level in serum

Timepoint
At the beginning of the study, on the thirtieth day

Method of measurement
ELISA technique and abCAM company kit

4

Description
DNA damage

Timepoint
The beginning of the study

Method of measurement
8-OH-dG level in culture supernatant

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: In addition to the standard treatment for Herpes Simplex, this group receives a new drug called Herbix

Category
Treatment - Drugs

2

Description

Control group: They receive only the standard drug, acyclovir

Category

Treatment - Drugs

3

Description

Intervention group: Intervention group: After confirming the effect of Herbex drug, this time patients will only receive Herbix drug.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Reza hospital

Full name of responsible person

Gholamreza Karamatian

Street address

Ebn Sina Street, Imam Reza Square, Imam Reza Hospital, Mashhad Town.

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1708534

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Islamic Azad University

Full name of responsible person

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Grant name

Grant code / Reference number

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

Yes

Title of funding source

Islamic Azad University

Proportion provided by this source

100

Public or private sector

Private

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

Islamic Azad University

Full name of responsible person

Gholamreza Keramatiyan

Position

Non-faculty general practitioner

Latest degree

Medical doctor

Other areas of specialty/work

Family Physician

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Person responsible for scientific inquiries

Contact

Name of organization / entity

Islamic Azad University

Full name of responsible person

Mohamadreza KHakzad

Position

Assistant Professor

Latest degree

Ph.D.

Other areas of specialty/work

Immunology

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Person responsible for updating data

Contact

Name of organization / entity
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Full name of responsible person
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Student
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A Level or less
Other areas of specialty/work
Others
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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available