Clinical Trial Protocol
Iranian Registry of Clinical Trials

16 Sep 2026

Evaluating healing effect of honey sitz bath on erosions caused by colposcopy in patients with ASC-H in papsmear

Protocol summary

Study aim
Evaluate healing effect of honey on erosions caused by colposcopy and biopsy in ASC-H

Design
In this research, 60 patients referring to oncology clinic were chosen purposefully and a code was allocated to each one of them. Then, patients will divided into two control and intervention groups depending on even/odd day.

Settings and conduct
This study evaluates healing effect of honey on erosions caused by colposcopy and biopsy in ASC-H at oncology clinic of Fatemieh hospital, Hamadan. Patients will be unaware of the type of intervention. The physician who will examine the patients will not be aware of the intervention. Therefore, the trial will be run as double blind.

Participants/Inclusion and exclusion criteria
Including criteria: Papsmear ASC-H Excluding criteria: Any immune deficiency; cigarette smoking; any chronic disease that interfere with wound healing such as DM; medication usage that interfere with wound healing: corticosteroids; anticoagulants immunosuppressant and chemotherapy.

Intervention groups
Intervention group: Patients who receive honey gel twice a day for one week control group: Patients who receive placebo gel twice a day for one week

Main outcome variables
Healing of lesion caused by colposcopy and biopsy

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20161026030517N1**
Registration date: **2017-12-29, 1396/10/08**
Registration timing: **registered_while_recruiting**
Last update: **2017-12-29, 1396/10/08**
Update count: **0**

Registration date
2017-12-29, 1396/10/08

Registrant information

Name
rahil askari nejad behzadi

Name of organization / entity
Hamedan university of medical sciences

Country
Iran (Islamic Republic of)

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+98 71 3648 4011

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Recruitment status
Recruitment complete

Funding source
Hamadan University of Medical Sciences

Expected recruitment start date
2017-12-21, 1396/09/30

Expected recruitment end date
2018-01-19, 1396/10/29

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
Evaluating healing effect of honey sitz bath on erosions caused by colposcopy in patients with ASC-H in papsmear

Public title
healing effect of honey on erosions caused by colposcopy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

All patients referred for evaluation by colposcopy due to ASC-H in pap smar

Exclusion criteria:

Any immune deficiency; cigarette smoking; any chronic disease that interfere with wound healing such as DM; medication usage that interfere with wound healing: corticosteroids; anticoagulants immunosuppressant and chemotherapy.

Age

No age limit

Gender

Female

Phase

2

Groups that have been masked

- Participant
- Care provider
- Investigator

Sample size

Target sample size: **60**

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Blinding: Patients will be unaware of the type of intervention. The physician who will examine the patients will not be aware of the intervention. Therefore, the trial will be run as double blind.

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Hamadan University of Medical Sciences

Street address

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

City

Hamadan

Province

Hamadan

Postal code

6517838695

Approval date

2017-04-07, 1396/01/18

Ethics committee reference number

IR.UMSHA.REC.1396.36

Health conditions studied

1

Description of health condition studied

ASC-H

ICD-10 code

R87.611

ICD-10 code description

•Atypical squamous cells on cervical Papanicolaou smear cannot exclude high grade squamous intraepithelial lesion

Primary outcomes

1

Description

Healing of erosions caused by colposcopy

Timepoint

One and two weeks after treatment

Method of measurement

In weekly visits of patients; erosions are evaluated and the healing staging is done with qualitative measures: totally repaired; partially repaired; no change.

Secondary outcomes

1

Description

Evaluating erosion healing in case and control group

Timepoint

One and two weeks after treatment

Method of measurement

in 3 qualitative groups: totally repaired; partially repaired; no change.

2

Description

Evaluating cervical colposcopic status

Timepoint

First visit, one and two weeks after treatment

Method of measurement

With Reids colposcopic index: cervical intraepithelial neoplasia 1, 2, 3

Intervention groups

1

Description

In intervention group Doxycycline cap 100 mg PO bid given for 5 days; and honey gel 10% 10 cc vaginally

given for a week.

Category

Treatment - Drugs

2

Description

In control group Doxycycline cap 100 mg PO bid given for 5 days; and placebo gel 10 cc given for a week.

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Fatemieh Hospital

Full name of responsible person

Dr Rahil Askari Nejad Behzadi

Street address

Fatemieh Hospital, Pasdaran Ave.

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

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

Full name of responsible person

Dr Saeid Bashirian

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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

Vice-chancellor for Research the Technology, Hamadan 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

Fatemieh Hospital

Full name of responsible person

Rahil Askari Nejad Behzadi

Position

OB and GYN resident

Latest degree

Medical doctor

Other areas of specialty/work

Gynecology and Obstetrics

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Web page address

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