

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Comparison of topical treatment with honey in wound healing after surgery for Pilonidal sinus

Protocol summary

Summary

This study compared the effects of topical honey in wound healing after surgery Sinus Pilonidal classical method is washed with saline. In this regard, the effectiveness of using honey to treat wounds, bad breath, time to return to work and social activity, severity of illness, age and gender influence wound healing and wound infection and bleeding compared with normal saline is performed. This is a case-control study. Inclusion criteria for patients undergoing sinus Pilonidal who are age 15-45 years And without chronic diseases such as diabetes, heart disease, kidney disease is an infectious abscess. In simple random sampling and 27-member group will be divided. After surgery, the wound healing in normal saline group and the second group is about honey, Of the two groups after two weeks, the physician who diagnoses and severity of illness and healing and bleeding, In the first two months to go to the bathroom twice a day The second and third months, if not better go to the bathroom once a day. Complete closure of the wound assessment by the surgeon diagnosed. Involved in this project is the rub honey on wounds. The primary outcome is the closure of the wound scar, no odor, is finally back to work faster wound healing.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014040517123N1**
Registration date: **2014-12-07, 1393/09/16**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-12-07, 1393/09/16

Registrant information

Name

Mojtaba Ahmadinejad

Name of organization / entity

Lorestan University Of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Lorestan University of Medical Science, Research & Technology

Expected recruitment start date

2014-03-04, 1392/12/13

Expected recruitment end date

2014-10-05, 1393/07/13

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of topical treatment with honey in wound healing after surgery for Pilonidal sinus

Public title

Comparison of topical treatment with honey and classic washing with saline Pilonidal sinus wound healing after surgery.

Purpose

Treatment

Inclusion/Exclusion criteria

Entry criteria for patients aged 15-45 years and they have undergone Pilonidal sinus, Exclusion of patients who

have chronic diseases such as diabetes, heart disease, renal abscess and infectious diseases

Age

From **15 years** old to **45 years** old

Gender

Both

Phase

0

Groups that have been masked

No information

Sample size

Target sample size: **27**

Randomization (investigator's opinion)

N/A

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

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

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

Lorestan University of Medical Sciences

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Deputy of Research and Technology, Integrated Paradise, Lorestan University of Medical Sciences, 5 km Khorramabad- Tehran, Khorramabad

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Approval date

2014-10-25, 1393/08/03

Ethics committee reference number

11707/93/200

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

Pilonidal sinus

ICD-10 code

L05.0

ICD-10 code description

Pilonidal cyst with abscess

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

Healing

Timepoint

Two weeks after surgery

Method of measurement

Diagnosis surgeon

2**Description**

No infection

Timepoint

Two weeks after surgery

Method of measurement

Diagnosis surgeon

3**Description**

No wound odor

Timepoint

Two weeks after surgery

Method of measurement

diagnosis doctor

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

Wound healing in less time

Timepoint

3 months

Method of measurement

Diagnosis surgeon

2**Description**

Back to work in the short term

Timepoint

2 weeks later

Method of measurement

Diagnosis surgeon

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

Honey covering the wound Pilonidal sinus after surgery in the control group

Category

Treatment - Drugs

2**Description**

pilonidal sinus wash the wound after surgery the classical method of saline in the control group

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

shohada ashayer Hospital khorramabad

Full name of responsible person

dr. Mojtaba ahmadinejad

Street address

group surgery, shohada ashayer Hospital, khorramabad

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

lorestan University of Medical Sciences

Full name of responsible person

d. kaeedi

Street address

Deputy of Research and Technology, Complex Pardis,

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khorramabad

Grant name

Grant code / Reference number

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

Yes

Title of funding source

lorestan 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

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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