

Clinical Trial Protocol

Iranian Registry of Clinical Trials

11 Sep 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 Plvnydal classical method is washed with saline. In this regard, the effectiveness of using honey to treat wounds, bad breath, ime 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 Plvnydal 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

Street address

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

City

Khorramabad

Postal code

6816991

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

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d. kaeedi

Street address
Deputy of Research and Technology, Complex Pardis,

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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
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

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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