

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 May 2026

The effect Eremostachys laciniata herbal extract on mitigation of pain after apandectomy surgery

Protocol summary

Summary

Objectives: To evaluate the effect of Eremostachys laciniata herbal extract on mitigation of pain after apandectomy surgery Design: Clinical trial study Setting and conduct: Randomized clinical trial study Participants including major eligibility criteria: 120 patients underwent appendectomy will be evaluated.

Intervention: The control group will receive pethidine before the surgery and placebo 24 hours after surgery every 12 hours and the case group will receive pethidine before the surgery and Eremostachys laciniata herbal extract 24 hours after surgery every 12 hours. Main outcome: Pain severity score at different time interval after surgery- recovery, 1, 2, 3, 4, 8, 16, 24 hours after entering the ward will be evaluated.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201310185605N4**

Registration date: **2014-01-16, 1392/10/26**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-01-16, 1392/10/26

Registrant information

Name

MOHAMAD GOLDUST

Name of organization / entity

Tabriz University of medical sciences

Country

Iran (Islamic Republic of)

Phone

+98 41133614711

Email address

medres@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Drug applied research center, Tabriz university of medical sciences

Expected recruitment start date

2013-03-21, 1392/01/01

Expected recruitment end date

2013-09-23, 1392/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect Eremostachys laciniata herbal extract on mitigation of pain after apandectomy surgery

Public title

The effect of Eremostachys laciniata herbal extract on mitigation of pain after apandectomy surgery

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: 120 patients underwent appendectomy will be evaluated. Exclusion criteria: Suffering from any underlying disease; history of mental disorder; consumption of special medicines including ecstasies were regarded as exclusion criteria.

Age

No age limit

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **120**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethic committee of Tabriz university of medical sciences

Street address

5166614711, University street, Tabriz, Iran

City

Tabriz

Postal code

Approval date

2013-03-12, 1391/12/22

Ethics committee reference number

9225

Health conditions studied

1

Description of health condition studied

Appendectomy

ICD-10 code

K35

ICD-10 code description

acute appendicitis

Primary outcomes

1

Description

Pain severity

Timepoint

Beginning of the study

Method of measurement

Visual Analog Scale (VAS)

Secondary outcomes

empty

Intervention groups

1

Description

The case group received pethidine before the surgery and Eremostachys laciniata 24 hours after surgery every 12 hours.

Category

Treatment - Drugs

2

Description

The control group received pethidine before the surgery and placebo 24 hours after surgery every 12 hours. The placebo suppositories contained starch and cacao butter.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Department of surgery, Sina hospital

Full name of responsible person

Dr Hemmat Maghsoudi

Street address

5166614711, Azadi street, Tabriz, Iran

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Drug applied research center, Tabriz university of medical sciences

Full name of responsible person

Dr Abbas Delazar

Street address

5166614711, University street, Tabriz, Iran

City

Tabriz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Drug applied research center, Tabriz 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**

Tabriz university of medical sciences

Full name of responsible person

Dr Jafar Bohlouli Oskouei

Position

Resident in general surgery

Other areas of specialty/work**Street address**

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Person responsible for scientific inquiries**Contact****Name of organization / entity**

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Full name of responsible person

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Position

Professor in general surgery

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Web page address**Person responsible for updating data****Contact****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