

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The effect of evening primrose capsules to reduce pain after apandectomy.

Protocol summary

Summary

The magenta flower has anti-inflammatory effects, corrects the essential omega-6 fatty acid deficiency, improves the synthesis of vascular dilatation ixosanoids, corrects nervous blood flow, etc., which can be helpful in the treatment of pain associated with inflammation. This study aims to effect The Maghreb flower capsule is used to reduce inflammation and pain after appendectomy. This is a double-blind clinical trial that is performed on 80 patients with symptom of pain in the surgical site after appendectomy surgery in the hospital of Salah Beheshti Hospital. Patients randomly (phase ½) are divided into two groups of 40. The intervention group received a full capsule of glucose capsule and the control group received a placebo capsule every 30 minutes to 3 times, and then the symptoms were evaluated using the visual scale of the pain and the McGill Pain Questionnaire. Having personal satisfaction without physical and mental illness is one of the important conditions for entering and leaving the study.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017092533202N3**

Registration date: **2017-11-09, 1396/08/18**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-11-09, 1396/08/18

Registrant information

Name

Atefeh Asadi

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 51 4422 9180

Email address

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Recruitment status

Recruitment complete

Funding source

Sabzevar University of Medical Sciences

Expected recruitment start date

2017-09-01, 1396/06/10

Expected recruitment end date

2018-02-01, 1396/11/12

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of evening primrose capsules to reduce pain after apandectomy.

Public title

The efficacy of evening primrose capsules to reduce pain after apandectomy.

Purpose

Treatment

Inclusion/Exclusion criteria

Entry criteria: Personal Satisfaction; Age under 75 and over 25 years old; Weight 40 to 120 kg. Exclusion criteria: history of surgery in the last three years; Physical and mental illness; Waltz's Drug Use; Receiving more than 2 micrograms per kilogram body weight of fentanyl or antimycotics as a precursor.

Age

From **25 years** old to **75 years** old

Gender

Both

Phase

1-2

Groups that have been masked

No information

Sample size

Target sample size: 80

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Sabzevar University of Medical Sciences

Street address

Asadabad Street

City

Sabzevar

Postal code

Approval date

2010-09-23, 1389/07/01

Ethics committee reference number

21

Health conditions studied

1

Description of health condition studied

Pain after appendectomy

ICD-10 code

R50.2

ICD-10 code description

Drug-induced fever Use additional external cause code (Chapter XX), if desired, to identify drug.

Primary outcomes

1

Description

Pain

Timepoint

2 hours after the last dose

Method of measurement

Scale of pain and McGill question

Secondary outcomes

empty

Intervention groups

1

Description

The intervention group receives a full capsule of Maghreb flower every 3 to 30 minutes after full thinning and start of pain.

Category

Treatment - Drugs

2

Description

The control group received a placebo capsule every 30 minutes to 3 times after full thinning and pain start.

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Beheshti Hospital, Sabzevar

Full name of responsible person

Mohammad Nematshahi

Street address

Beheshti Hospital, Sabzevar

City

Sabzevar

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Rahim Akrami

Street address

AsadAbadi Street

City

Sabzevar

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Sabzevar 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

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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