

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Jun 2026

Promethazine efficacy of Morphine and Diclofenac inter appointment pain reduction in patients between 15-49 years after appendectomy surgery

Protocol summary

Summary

Study objective: To assess the effectiveness of Promethazine, Morphine and Diclofenac inter appointment pain reduction in patients after appendectomy surgery Study design: randomized, triple-blind Inclusion criteria: Patients with acute appendicitis between 15-49 years, patient consent Exclusion criteria: drug addiction and smoking, previous surgery, hypotension, underlying disease, complicated appendicitis Study population: patients 15-49 years of hospital emergency appendectomy Sabzevar sample size: 112 people Intervention Study: Promethazine intramuscular injection of Morphine, and Diclofenac in the first hour after appendectomy primary outcome: Pain after appendectomy

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014011416221N1**

Registration date: **2014-02-15, 1392/11/26**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-02-15, 1392/11/26

Registrant information

Name

Ali Tajabadi

Name of organization / entity

Sabzevar University of Medical Sciences

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Sabzevar University of Medical Sciences Research Council

Expected recruitment start date

2012-04-16, 1391/01/28

Expected recruitment end date

2012-09-18, 1391/06/28

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Promethazine efficacy of Morphine and Diclofenac inter appointment pain reduction in patients between 15-49 years after appendectomy surgery

Public title

Effect of Promethazine, Diclofenac and Morphine on pain appendectomy

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Patients with acute appendicitis between 15-49 years; patient consent Exclusion criteria: drug addiction and smoking; previous surgery; hypotension, underlying disease; complicated appendicitis

Age

From **15 years** old to **49 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **112**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Triple blinded

Blinding description

Placebo

Not 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

Sabzevar University of Medical Sciences, Sabzevar,
Khorasan razavi

City

Sabzevar

Postal code

98

Approval date

2012-04-16, 1391/01/28

Ethics committee reference number

391020202

Health conditions studied

1

Description of health condition studied

appendectomy

ICD-10 code

K35

ICD-10 code description

Acute appendicitis

2

Description of health condition studied

appendectomy

ICD-10 code

k36

ICD-10 code description

Other appendicitis

3

Description of health condition studied

appendectomy

ICD-10 code

k37

ICD-10 code description

Unspecified appendicitis

4

Description of health condition studied

appendectomy

ICD-10 code

K38

ICD-10 code description

Other diseases of appendix

Primary outcomes

1

Description

pain of post operation

Timepoint

half and one o'clock post of intervention

Method of measurement

visual analogue scale

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Promethazine 50 mg intramuscularly,
IM, once postoperative Diclofenac 75 mg
intramuscularly, IM, once postoperative

Category

Treatment - Drugs

2

Description

Control group: Morphine, injections of 10 mg
intramuscularly, once postoperative

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Training Center - Research - Relief Therapy martyr
doctor beheshti

Full name of responsible person

Ali Tajabadi

Street address

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Sabzevar University of Medical Sciences

Full name of responsible person

Dr, Mohammadzadeh

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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

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

Person responsible for general inquiries

Contact

Name of organization / entity

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Position

Msc

Other areas of specialty/work

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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