

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

Comparison Haloperidol and dexmedetomidine and plasil and ginger for nausea and vomiting after laparoscopy

Protocol summary

Registration timing: **registered_while_recruiting**

Study aim

Aim of this study is comparison Haloperidol and dexmedetomidine and plasil and ginger for nausea and vomiting after laparoscopy.

Last update: **2018-11-25, 1397/09/04**

Update count: **0**

Registration date

2018-11-25, 1397/09/04

Design

88 patients with laparoscopy surgery will referred valiasr hospital will inter in this study. We will divide the patients to 4 groups.

Registrant information

Name

Fariba Farokhi

Name of organization / entity

Arak University of Medical Sciences

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Iran (Islamic Republic of)

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Settings and conduct

This study is clinical trial and double blind.88 patients with laparoscopy surgery will referred valiasr hospital will inter this study.This study is double blind. Outcome elevator and analyzer are blind (double blind). Outcome elevator and analyzer don't aware from grouping.

Recruitment status

Recruitment complete

Funding source

Participants/Inclusion and exclusion criteria

Inclusion criteria: Laparoscopic candidate; no history of psychiatric and psychoeducational disorders; no history of Parkinson's disease, motion sickness or no history of chemotherapy; general anesthetic candidate; surgical duration 90 to 150 minutes Exclusion criteria: Lack of Conscientiousness

Expected recruitment start date

2018-06-22, 1397/04/01

Expected recruitment end date

2019-06-22, 1398/04/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Intervention groups

We inject 25 micro gram Dexmedetomidin slowly before cutting surgery in Dexmedetomidine group. We inject 10 milligram Metoclopramide 30 minute before final surgery in Metoclopramide group. We inject 0/5 milligram of ampule Haloperidol in Haloperidol group. We treat ginger 1 hours before anesthesia 1 gram ginger orally in ginger group.

Scientific title

Comparison Haloperidol and dexmedetomidine and plasil and ginger for nausea and vomiting after laparoscopy

Main outcome variables

vomiting-nausea

Public title

Comparison Haloperidol and dexmedetomidine and plasil and ginger for nausea and vomiting after laparoscopy

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20141209020258N88**

Registration date: **2018-11-25, 1397/09/04**

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Laparoscopic candidate No history of psychiatric and psychoeducational disorders No history of Parkinson's disease, motion sickness or no history of chemotherapy
General anesthetic candidate surgical duration 90 to 150 minutes

Exclusion criteria:

Lack of conscientiousness

Age

From **18 years** old to **60 years** old

Gender

Both

Phase

2-3

Groups that have been masked

- Participant
- Outcome assessor
- Data analyser

Sample size

Target sample size: **88**

Randomization (investigator's opinion)

Randomized

Randomization description

Simple randomization with random numbers

Blinding (investigator's opinion)

Double blinded

Blinding description

This study is double blind. Outcome evaluator and analyzer are blind (double blind). Outcome evaluator and analyzer don't aware from grouping.

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee Of Arak University Of Medical Sciences

Street address

Research Center, Payambar Azam Complex, Basij square, Sardasht, Arak

City

Arak

Province

Markazi

Postal code

848176941

Approval date

2018-05-30, 1397/03/09

Ethics committee reference number

IR.ARAKMU.REC.1397.65

Health conditions studied

1

Description of health condition studied

Laparascopy

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Nausea

Timepoint

Recovery and 2 and 4 hours after surgery

Method of measurement

Observation

2

Description

Vomiting

Timepoint

Recovery and 2 and 4 hours after surgery

Method of measurement

Observation

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: We inject 25 micro gram Dexmedetomidin slowly before cutting surgery.

Category

Treatment - Drugs

2

Description

Intervention group: We inject 10 milligram Metoclopramide 30 minute before final surgery.

Category

Treatment - Drugs

3

Description

Intervention group: We inject 0/5 milligram of ampule Haloperidol

Category

Treatment - Drugs

4

Description

Intervention group: We treat ginger 1 hours before anesthesia 1 gram ginger orally.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Valiasr Hospital

Full name of responsible person

Dr Abolfazl Mohtarami

Street address

Valiasr Hospital, Valiasr square, Shahid Shirodi street

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Arak University Of Medical Sciences

Full name of responsible person

Dr Mohammad Arjmandzadegan

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Research Center, Payambar Azam Complex, Basij square, Sardasht, Arak

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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

Vice chancellor for research, Arak University Of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Dr Alireza Kamali

Position

Assistant professor

Latest degree

Specialist

Other areas of specialty/work

Anesthesiology

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Person responsible for scientific inquiries

Contact

Name of organization / entity

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Full name of responsible person

Dr Abolfazl Mohtarami

Position

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Latest degree

Specialist

Other areas of specialty/work

General Surgery

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Person responsible for updating data

Contact

Name of organization / entity
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Sharing plan

Deidentified Individual Participant Data Set (IPD)

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

When we publish article in journal

When the data will become available and for how long

After the article is published

To whom data/document is available

researcher in university

Under which criteria data/document could be used

If there are additional questions

From where data/document is obtainable

Dr Abolfazl Mohtarami

What processes are involved for a request to access data/document

They have to write letters to the professors and the university

Comments