Clinical Trial Protocol
Iranian Registry of Clinical Trials

08 Nov 2026

The effect of pressure on pericardium 6 (point P6) on the rate of nausea in post Cataract surgery in elderly patients

Protocol summary

Study aim
Effect of pressure on pericardium 6 (point P6) on the rate of nausea in post Cataract surgery in elderly patients

Design
In this study, 100 elderly patients according to inclusion and exclusion criteria who are admitted to Cataract surgery are randomly assigned to the test and control group.

Settings and conduct
The location of this study is Khalili hospital in Shiraz. Before the operation, for patients in the test group, for one hour, a bracelet containing a balloon ball in the wrist should be closed. After induction of anesthesia, the bracelet was opened and at 8, 12 hours after the operation, the frequency and severity of nausea (0 to 10 Score) are recorded in the questionnaire.

Participants/Inclusion and exclusion criteria
Elderly patients undergo a general anesthetic Cataract surgery without a history of congenital heart disease, severe pulmonary disease, chronic digestive diseases, malignancies, vomiting during previous operations and the use of anesthetic drugs at least 12 hours before surgery.

Intervention groups
For the test group, the pressure on the point (P6) of the wrist is applied by a special bracelet containing a balloon ball. The control group closes the bracelet without a balloon ball.

Main outcome variables
Incidence and severity of nausea

General information

Reason for update

Acronym

IRCT registration information
IRCT registration number: **IRCT20170523034093N1**
Registration date: **2017-12-26, 1396/10/05**
Registration timing: **retrospective**
Last update: **2017-12-26, 1396/10/05**
Update count: **0**

Registration date
2017-12-26, 1396/10/05

Registrant information

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Name of organization / entity
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Recruitment status
Recruitment complete

Funding source
Vice chancellor for research, Yazd University of Medical Sciences

Expected recruitment start date
2017-04-21, 1396/02/01

Expected recruitment end date
2017-05-22, 1396/03/01

Actual recruitment start date
empty

Actual recruitment end date
empty

Trial completion date
empty

Scientific title
The effect of pressure on pericardium 6 (point P6) on the rate of nausea in post Cataract surgery in elderly patients

Public title
Effect of acupressure on the rate of nausea

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

The elderly patients (over 60 years of old); Cataract surgery with general anesthesia.

Exclusion criteria:

History of congenital heart disease History of severe pulmonary disease History of chronic diseases of the gastrointestinal tract History of malignancies Vomiting during previous surgeries Postoperative vomiting Use of anesthetic drugs at least 12 hours before surgery

Age

From **60 years** old to **90 years** old

Gender

Both

Phase

N/A

Groups that have been masked

- Data analyser

Sample size

Target sample size: **100**

Randomization (investigator's opinion)

Randomized

Randomization description

Simple randomization using Random Numbers Table

Blinding (investigator's opinion)

Not blinded

Blinding description

Data analysis is done by an individual who does not know about assigning a patient to a test or control group.

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Shahid Sadoughi University of Medical Sciences, Yazd

Street address

Central Bulding of Shahid Sadoughi University of Medical sciences, Shahid Bahonar Sq, Yazd

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8916978477

Approval date

2017-03-06, 1395/12/16

Ethics committee reference number

IR.SSU.REC.1395.240

Health conditions studied

1

Description of health condition studied

Number and severity of post operation nausea

ICD-10 code

R11

ICD-10 code description

Nausea and vomiting

Primary outcomes

1

Description

Nausea

Timepoint

Immediately,eight hours and twelve hours

Method of measurement

See the nurse questions from patients and their relatives zero to ten

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group - A bracelet that is an orb to pressure it is closed at the desired location (P6) one hour before surgery. After the induction of general anesthesia, the bracelet will be opened.

Category

Treatment - Other

2

Description

Control group - The same bracelet is closed at the desired location (P6) one hour before surgery. After the induction of general anesthesia, the bracelet will be opened.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Shiraz Khalili hospital

Full name of responsible person

Mohammad Amin Pishbin

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Sponsors / Funding sources

1

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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
Shahid Sadoughi University of Medical Sciences, Yazd
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
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Sharing plan

Deidentified Individual Participant Data Set (IPD)
Undecided - It is not yet known if there will be a plan to make this available
Study Protocol
Undecided - It is not yet known if there will be a plan to make this available
Statistical Analysis Plan
Not applicable
Informed Consent Form
Undecided - It is not yet known if there will be a plan to make this available
Clinical Study Report
Undecided - It is not yet known if there will be a plan to make this available
Analytic Code
Not applicable
Data Dictionary
Not applicable