# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

09 Nov 2026

## Comparison of effect of Dexmedetomidin & Ginger on Post Operative Nausea & Vomiting in total abdominal hysterectomy

## Protocol summary

**Summary**
Aim of this study comparison of effect of Dexmedetomidin and Ginger on post operative Nausea and Vomiting in total abdominal hysterectomy.This study is clinical trials and double blind.92 patient’s candidate total abdominal hysterectomy will enter Taleghani hospital. We will divide in two groups (Dexmedetomidin and Ginger).We will prescribe 1 germ Ginger before anesthesia in first group and we inject 25 micro gram Dexmedetomidin slowly before incision.We check Nausea and Vomiting and hydrodynamic after surgery and in recovery. Inclusion criteria: All patients undergoing abdominal hysterectomy; ASA class I and II; no history of mental illness and psychotic; lack of history Parkinson's disease, movement disorders, history of chemotherapy; general anesthesia; 35 to 60 years; maximum duration of surgery 150 minutes. Exclusion criteria: duration of surgery more than 150 minutes; Parkinson's disease; Psychotic and mental disorders; history of chemotherapy

## General information

**Acronym**
**IRCT registration information**
IRCT registration number: **IRCT2017051020258N47**
Registration date: **2017-05-16, 1396/02/26**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**
**Registration date**
2017-05-16, 1396/02/26

**Registrant information**
**Name**
Fariba Farokhi
**Name of organization / entity**
Arak University of Medical Sciences
**Country**
Iran (Islamic Republic of)
**Phone**
+98 86 3222 2003
**Email address**
f.farokhi@arakmu.ac.ir

**Recruitment status**
**Recruitment complete**
**Funding source**
Vice Chancellor and Research,Arak University of Medical Sciences

**Expected recruitment start date**
2017-05-05, 1396/02/15
**Expected recruitment end date**
2019-05-05, 1398/02/15
**Actual recruitment start date**
empty
**Actual recruitment end date**
empty
**Trial completion date**
empty

**Scientific title**
Comparison of effect of Dexmedetomidin & Ginger on Post Operative Nausea & Vomiting in total abdominal hysterectomy

**Public title**
Comparison of effect of Dexmedetomidin & Ginger on Post Operative Nausea & Vomiting in total abdominal hysterectomy
**Purpose**
Treatment
**Inclusion/Exclusion criteria**
Inclusion criteria: All patients undergoing abdominal hysterectomy; ASA class I and II; no history of mental illness and psychotic; lack of history Parkinson's disease, movement disorders, history of chemotherapy; general anesthesia; 35 to 60 years; maximum duration of surgery 150 minutes. Exclusion criteria: duration of

surgery more than 150 minutes; Parkinson's disease;

**Age**
From **35 years** old to **60 years** old

**Gender**
Female

**Phase**
2-3

**Groups that have been masked**
*No information*

**Sample size**
Target sample size: **92**

**Randomization (investigator's opinion)**
Randomized

**Randomization description**

**Blinding (investigator's opinion)**
Double blinded

**Blinding description**

**Placebo**
Not used

**Assignment**
Parallel

**Other design features**

## Secondary Ids

empty

## Ethics committees

### 1

**Ethics committee**

**Name of ethics committee**
Ethics committee Arak University Of Medical Sciences

**Street address**
Vice chancellor for research, Payambar azam complex, Basij squre, Sardasht, Arak

**City**
Arak

**Postal code**
38149578558

**Approval date**
2017-04-30, 1396/02/10

**Ethics committee reference number**
IR.ARAKMU.REC.1395.441

## Health conditions studied

### 1

**Description of health condition studied**
total abdominal hysterectomy

**ICD-10 code**
Z90.7

**ICD-10 code description**
Acquired absence of genital organ

## Primary outcomes

### 1

**Description**
Nausa and vomitting

**Timepoint**
after surgery and recovery

**Method of measurement**
clinical observation

### 2

**Description**
hymodinamic

**Timepoint**
after surgery and recovery

**Method of measurement**
clinical

## Secondary outcomes

empty

## Intervention groups

### 1

**Description**
Intervention group:we inject 25 micro gram Dexmedetomidin slowly before incision.

**Category**
Treatment - Drugs

### 2

**Description**
Intervention group: We will prescribe 1 germ Ginger before anesthesia in first group.

**Category**
Treatment - Drugs

## Recruitment centers

### 1

**Recruitment center**

**Name of recruitment center**
Taleghani Hospital

**Full name of responsible person**
Dr Maryam Shokrpour

**Street address**
Taleghani hospital,Emam Khomeini street,

**City**
Arak

## 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 Rafiee
**Street address**
Vice chancellor for research, Payambar Azam Complex, Basij square, Sardasht, Arak
**City**
Arak

**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**
*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**
Arak University of Medical Sciences
**Full name of responsible person**
Dr Alireza Kamali
**Position**
Faculty, Anesthesiologist
**Other areas of specialty/work**
**Street address**
Valiasr Hospital, Valiasr square, Shahid Shirodi street
**City**
Arak
**Postal code**
3814957558
**Phone**
+98 86 3222 2003
**Fax**
+98 863222003
**Email**
alikamaliir@yahoo.com
**Web page address**

## Person responsible for scientific inquiries

**Contact**

**Name of organization / entity**
Arak University of Medical Sciences
**Full name of responsible person**
Dr Maryam Shokrpour
**Position**
Faculty, gynecologist
**Other areas of specialty/work**
**Street address**
Taleghani hospital, Emam Khomeini street, Arak
**City**
Arak
**Postal code**
3814957558
**Phone**
+98 86 3222 2003
**Fax**
+98 863222003
**Email**
maryam_shokrpour@yahoo.com
**Web page address**
-

## Person responsible for updating data

**Contact**

**Name of organization / entity**
Arak University of Medical Sciences
**Full name of responsible person**
Shabnam Beigi
**Position**
medicine student
**Other areas of specialty/work**
**Street address**
Payambar Azam Complex, Basij Square, Sardasht, Arak
**City**
Arak
**Postal code**
3814957558
**Phone**
+98 86 3222 2003
**Fax**
+98 863222003
**Email**
beigi_shabnam@yahoo.com
**Web page address**
-

## 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*