Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 2026

Evaluation the efficacy of oral ondansetron on gag reflex in soft palate and palatine tonsil

Protocol summary

Summary

Introduction: Although gagging is a frequent problem that, when severe, can jeopardize the dental procedure, no single protocol is used to alleviate this phenomenon. Anti-emetic drugs, such as ondansetron, may attenuate gagging. Methods and Materials: In this study, ondansetron and placebo were administered oraly, in a double-blind clinical trail. Ondansetron and placebo group contains 44 healthy volunteers. Gagging levels were checked by means of abslang and recorded by 4 measurement scale before and 90 minutes after intervention.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201010254224N8**
Registration date: **2011-01-27, 1389/11/07**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2011-01-27, 1389/11/07

Registrant information

Name
Nasser Kaviani
Name of organization / entity
Country
Iran (Islamic Republic of)
Phone
+98 31 1792 2858
Email address
kaviani@dnt.mui.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellery for Research of Isfahan Dental College

Expected recruitment start date

2010-03-11, 1388/12/20

Expected recruitment end date

2010-08-06, 1389/05/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation the efficacy of oral ondansetron on gag reflex in soft palate and palatine tonsil

Public title

Evaluation the efficacy of oral ondansetron on gag reflex in soft palate and palatine tonsil

Purpose

Prevention

Inclusion/Exclusion criteria

inclusion critria: -ASA1 -No ban on taking ondansetron -Lack of any oral lesion and Mental disorders -signing the concent. Exculution Criteria: -pregnancy -Breastfeeding -gaserointestinal disorder -liver failure

Age

From **15 years** old to **60 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **88**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded
Blinding description
Placebo
Used
Assignment
Parallel
Other design features
This study has two groups of Drug, Placebo.

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Dental faculty of Isfahan university of medical sciences
Street address
Hezar Jiereeb Street
City
Isfahan
Postal code
Approval date
2010-03-08, 1388/12/17
Ethics committee reference number
389032

Health conditions studied

1

Description of health condition studied
gag reflex
ICD-10 code
R11
ICD-10 code description
Nausea and vomiting

Primary outcomes

1

Description
severity of gag reflex
Timepoint
Before and After Medication
Method of measurement
Gagging levels were recorded by 4-degree scale

Secondary outcomes

empty

Intervention groups

1

Description
Control : placebo ,tab
Category
Prevention

2

Description
Intervention : ondansetron,4mg,tab
Category
Prevention

Recruitment centers

1

Recruitment center
Name of recruitment center
Isfahan Dental College
Full name of responsible person
Fateme Sadat Ranjbaran
Street address
Isfahan dental school
City
Isfahan

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice Chancellery for Research of Isfahan Dental College, Isfahan University of Medical Sciences
Full name of responsible person
Aminallah Tavangar
Street address
Shohadaye sofe street
City
Isfahan
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Vice Chancellery for Research of Isfahan Dental College, Isfahan 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

Person responsible for scientific inquiries

Contact

Name of organization / entity
Isfahan Dental College, Isfahan University of Medical Sciences

Full name of responsible person
Dr Naser Kaviani

Position
Doctor of Anesthesia

Other areas of specialty/work

Street address
Isfahan Dental College, Shohadaye Sofeh Street

City
Isfahan

Postal code

Phone
+98 31 1792 2858

Fax

Email
kaviani@dnt.mui.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity
Isfahan dental school

Full name of responsible person
Fateme Sadat Ranjbaran

Position
Dentist

Other areas of specialty/work

Street address
Parastoo 24, Masroor ave, Abasabad street

City
Isfahan

Postal code

Phone
+98 31 1234 6240

Fax

Email
fatemernj@gmail.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