

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 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 orally, in a double-blind clinical trial. 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 consent. 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**

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Position

Dentist

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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