

Clinical Trial Protocol

Iranian Registry of Clinical Trials

12 Sep 2026

Comparison of Nabid drug and placebo in controlling some of the complications of impacted mandibular third molars

Protocol summary

Summary

Surgical impacted teeth can be associated with pain and swelling after removal surgery. So analgesia and glucocorticoids for patients undergoing surgery for an impacted tooth are necessary. to reduce discomfort of patients We decided to test new organic drug compounds (Nabid) to its effect on postoperative complications. 30 adult patients, range 17 to 30 years of age, Will be selected. All they need to remove an impacted third molar mandibular surgical procedure to take. teeth lies in radiography, as classified Pell & Gregory in Class 2 and 3 type B and C. local problems like pericoronitis, decay and systemic problems include gastrointestinal disorders, cardiovascular, metabolic and coagulation; use Oral contraceptive drug; pregnancy; use any drugs, antibiotics or painkillers during the 15 days before surgery cause the outflow of patients in the study. All patients have the same surgery. Patients are divided into two groups using random numbers table. Nabid a treatment group and the other group will receive placebo. Nabid Drug Administration (manufactured by Nabid drug) every 4 hours is 15 to 30 drops locally. Dosage placebo is every 4 hours. On the VAS according to the patients they feel pain mark in their 2-6-12-24-48-72 hours. To evaluate edema distances between reference points before surgery and 48 hours after surgery are measure by using an ultrasound device. The trismus analyze by measuring the distance interincisal, 24, 48, 72 hours and 7 days after surgery are measure. On the third day existence of dry socket be checked.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201505293398N3**

Registration date: **2016-05-17, 1395/02/28**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-05-17, 1395/02/28

Registrant information

Name

Alireza Navabazam

Name of organization / entity

Yazd University of Medical Sciences

Country

Iran (Islamic Republic of)

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+98 353624760

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Recruitment status

Recruitment complete

Funding source

Yazd University of Medical Sciences

Expected recruitment start date

2015-03-20, 1393/12/29

Expected recruitment end date

2015-03-20, 1393/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of Nabid drug and placebo in controlling some of the complications of impacted mandibular third molars

Public title

Comparison of Nabid drug and placebo in controlling some of the complications of impacted mandibular third molars

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: All they need to remove an impacted third molar mandibular surgical procedure to take; teeth lies in radiography, as classified Pell & Gregory in Class 2 and 3 type B and C Exclusion criteria: local problems like pericoronitis, decay and systemic problems include gastrointestinal disorders, cardiovascular, metabolic and coagulation; use Oral contraceptive drug; pregnancy; use any drugs, antibiotics or painkillers during the 15 days before surgery

Age

From **17 years** old to **30 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Shahid Sadoghi University of Medical Sciences

Street address

Shahid Sadoghi University of Medical Sciences,
Bahonar Square

City

Yazd

Postal code

8916978477

Approval date

2013-07-24, 1392/05/02

Ethics committee reference number

79791

Health conditions studied

1

Description of health condition studied

mandibular impacted third molar

ICD-10 code

K01.1

ICD-10 code description

An impacted tooth is a tooth that has failed to erupt because of obstruction by another tooth.

Primary outcomes

1

Description

pain

Timepoint

2-6-12-24-48-72 hours after surgery

Method of measurement

by using visual analog scale

Secondary outcomes

1

Description

bleeding

Timepoint

up to 12 hours after surgery

Method of measurement

if exist, record in Questionnaire

2

Description

inflation

Timepoint

1 day before and 48 hours after surgery

Method of measurement

to measure of maseter muscle inflation with ultra sound

3

Description

trismus

Timepoint

24-48-72 hours and 7 days after surgery

Method of measurement

To measure of inter incisal space

4

Description

dry socket

Timepoint

3 days after surgery

Method of measurement

evaluation of creation of dry socket

Intervention groups

1

Description

Nabid drug group patients,should use of nabid drug 15 to 30 drops every 4 hours for 3 days.

Category

Treatment - Drugs

2

Description

use placebo 15-30 drops each 4 hours for 3 days

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Surgery Department Of Dental School

Full name of responsible person

Mohammad Mahdi Nasiri

Street address

Surgery Department Of Dental School

City

Yazd

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for research Of Shahid Sadoghi
University of Medical Sciences

Full name of responsible person

Dr Amir Hoshang Mehrparvar

Street address

Shahid Sadoghi University Of Medical Sciences,
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Yazd

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 Of Shahid Sadoghi
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

Surgery Department Of Dental School

Full name of responsible person

Dr Mohammad Mahdi Nasiri

Position

Resident of Oral and Maxillofacial Surgery

Other areas of specialty/work

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Person responsible for scientific inquiries

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Assistant Professor

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Full name of responsible person

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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