Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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

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Name of organization / entity
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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, Bahonar Square
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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
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Full name of responsible person
Dr Mohammad Mahdi Nasiri
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Person responsible for updating data

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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