

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Comparsion effect of nasal tampon calcium alginate with silver and sterilized gas with gentamicin ointment on bleeding after surgery of rhinoplasty

Protocol summary

Study aim

Determination the Effect of Calcium Alginate Silver tampon on bleeding after Rhinoplasty

Design

The clinical trial is performed on 30 patients and 60 samples and do not have exclusion criteria. Nasal holes are randomly considered as both intervention and control groups.

Settings and conduct

The place of rhinoplasty is in Omid Hospital. The dressing of alginate calcium silver wick is randomly placed in one of the nostrils after rhinoplasty and Gentamicin ointment dressing that is applied after surgery in the other nostril. Then ; Both groups after rhinoplasty surgery are examined for bleeding and pain during remove the dressing

Participants/Inclusion and exclusion criteria

Entry Requirements; All individuals have a rhinoplasty surgen indication. Conditions of inactivity ; Patients who are Sensitive are Calcium Alginate with Silver and Patients with anatomical anomalies and asymmetry of the nasal cavity

Intervention groups

Intervention group ; The dressing of alginate calcium silver wick is randomly placed in one of the nostrils after rhinoplasty. Control group ; Gentamicin ointment dressing that is applied after surgery in the other nostril

Main outcome variables

In this study, The variables ; The amount of bleeding , and pain during dressing in measured .

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171216037893N2**

Registration date: **2018-05-09, 1397/02/19**

Registration timing: **retrospective**

Last update: **2018-05-09, 1397/02/19**

Update count: **0**

Registration date

2018-05-09, 1397/02/19

Registrant information

Name

Hamidreza Mahaseni aghdam

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 2240 6440

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h_mahaseni@dentaliau.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-02-13, 1396/11/24

Expected recruitment end date

2018-02-20, 1396/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparsion effect of nasal tampon calcium alginate with silver and sterilized gas with gentamicin ointment on bleeding after surgery of rhinoplasty

Public title

Comparison effect of nasal tampon calcium alginate with silver and sterilized gas with gentamicin ointment on bleeding after surgery of rhinoplasty

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:

All individuals have a rhinoplasty surgery indication

Exclusion criteria:

Patients sensitive to calcium alginate silver Patients with anatomical abnormalities and nasal cavity asymmetry

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

More than 1 sample in each individual

Number of samples in each individual: **2**

Nasal holes are randomly considered as both intervention and control groups

Randomization (investigator's opinion)

Randomized

Randomization description

Nasal holes are randomly considered as both intervention and control groups. Simple random individually with using random numbers

Blinding (investigator's opinion)

Not 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 Of Islamic Azad University Of Medical Sciences

Street address

No. 4, 10th Neyestan., Pasdaran Street

City

Tehran

Province

Tehran

Postal code

19486

Approval date

2017-06-18, 1396/03/28

Ethics committee reference number

IR.IAU.DENTAL.REC.1396,17

Health conditions studied

1

Description of health condition studied

deformity of nose

ICD-10 code

M95.0

ICD-10 code description

Acquired deformity of nose

Primary outcomes

1

Description

The amount of bleeding

Timepoint

1,6, and 24 hours after intervene

Method of measurement

Based on the weight of the gases used and measured miligram

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: The dressing of alginate calcium silver which is randomly placed in one of the nostrils after rhinoplasty

Category

Treatment - Drugs

2

Description

Control group: Gentamicin ointment dressing that is applied after surgery in the other nostril

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Omid Hospital

Full name of responsible person

Hamidreza Mahaseni Aghdam

Street address

No.15, Bahar Street., Kabiri Street., Niyayesh Highroad

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Islamic Azad University
Full name of responsible person
Arash azizi
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No4, Tenth Neyestan street, Pasdaran Street
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Web page address
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Islamic Azad University
Proportion provided by this source
100
Public or private sector
Public
Domestic or foreign origin
Domestic
Category of foreign source of funding
empty
Country of origin
Type of organization providing the funding
Academic

Person responsible for general inquiries

Contact

Name of organization / entity
Islamic Azad University
Full name of responsible person
Hamidreza Mahaseni Aghdam
Position
Associate professor
Latest degree
Specialist
Other areas of specialty/work

Dentistry
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Person responsible for updating data

Contact

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Web page address**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to

make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available