

Clinical Trial Protocol

Iranian Registry of Clinical Trials

09 Jun 2026

Effect of intermediate short osteotomy on deviated nose repair in patients who are candidate for septorhinoplasty: a before-after clinical trial

Protocol summary

Study aim

Effect of intermediate short osteotomy on deviated nose repair in patients who are candidate for septorhinoplasty.

Design

The eligible patients who are candidate for septorhinoplasty and will refer to Besat Hospital during the study period will be enrolled into the trial

Settings and conduct

This is a before after trial without randomization. Blinding is not possible.

Participants/Inclusion and exclusion criteria

Inclusion criteria: Age of 18 to 50 years; candidate for septorhinoplast, nasal deformity of type C or S. Exclusion criteria: Nasal trauma in the past 6 months; epistaxis after surgery with the need for re-sealing; trauma after surgery; nasal granulomatous disease; hypothyroiditis; nasal deformity of type tilt.

Intervention groups

Intervention group: Intermediate short osteotomy with purpose of repairing nasal deviation. Control group: In comparison with before intervention.

Main outcome variables

Primary outcome: Assessing correction of apparent nasal deviation 6 months after operation via clinical examination. Secondary outcome: Assessing patient's satisfaction of his/her nasal appearance and nasal breathing 6 months after operation via taking history.

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20120215009014N201**

Registration date: **2017-12-26, 1396/10/05**

Registration timing: **retrospective**

Last update: **2017-12-26, 1396/10/05**

Update count: **0**

Registration date

2017-12-26, 1396/10/05

Registrant information

Name

Jalal Poorolajal

Name of organization / entity

Department of Epidemiology & Biostatistics Hamadan University of Medical Sciences

Country

Iran (Islamic Republic of)

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+98 81 1838 0090

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Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2016-06-21, 1395/04/01

Expected recruitment end date

2017-06-22, 1396/04/01

Actual recruitment start date

2016-06-21, 1395/04/01

Actual recruitment end date

2017-07-23, 1396/05/01

Trial completion date

empty

Scientific title

Effect of intermediate short osteotomy on deviated nose repair in patients who are candidate for septorhinoplasty: a before-after clinical trial

Public title

Effect of intermediate short osteotomy on deviated nose

repair in patients who are candidate for septorhinoplasty

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:

Age of 18 to 50 years; candidate for septorhinoplast, nasal deformity of type C or S.

Exclusion criteria:

Nasal trauma in the past 6 months; epistaxis after surgery with the need for re-sealing; trauma after surgery; nasal granulomatous disease; hypothyroiditis; nasal deformity of type tilt.

Age

From **18 years** old to **90 years** old

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: **30**

30 eligible patients who are candidate for septorhinoplasty

Actual sample size reached: **30**

More than 1 sample in each individual

Actual sample size in each individual: **30**

30 eligible patients who are candidate for septorhinoplasty

Randomization (investigator's opinion)

Not randomized

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Other

Other design features

This is a before after trial without randomization. Blinding is not possible.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee of Hamadan University of Medical Sciences

Street address

Vice-chancellor for Research and Technology,
Hamadan University of Medical Sciences, Shahid
Fahmideh Ave

City

Hamadan

Province

Hamadan

Postal code

6517838695

Approval date

1916-06-12, 1295/03/22

Ethics committee reference number

IR.UMSHA.REC.1395.152

Health conditions studied

1

Description of health condition studied

Deviated nose

ICD-10 code

S03.1XXS

ICD-10 code description

Dislocation of septal cartilage of nose, sequela

Primary outcomes

1

Description

Assessing correction of apparent nasal deviation

Timepoint

6 months after operation

Method of measurement

Via clinical examination

Secondary outcomes

1

Description

Assessing patient's satisfaction of his/her nasal appearance and nasal breathing

Timepoint

6 months after operation

Method of measurement

Via taking history

Intervention groups

1

Description

Intervention group: Intermediate short osteotomy with purpose of repairing nasal deviation.

Category

Treatment - Surgery

2

Description

Control group: In comparison with before intervention.

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center
Besat Hospital
Full name of responsible person
Dr Ali Dolati
Street address
Besat Hospital, Shahed Square
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6517838695
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+98 81 3364 0030
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alidolati607@gmail.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Hamedan University of Medical Sciences
Full name of responsible person
Dr Saeid Bashirian
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info.research@umsha.ac.ir
Grant name
Grant code / Reference number
**Is the source of funding the same sponsor
organization/entity?**
Yes
Title of funding source
Hamedan University of Medical Sciences
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
Hamedan University of Medical Sciences
Full name of responsible person
Dr Ali Dolati
Position
Resident of ENT
Latest degree
Medical doctor
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Person responsible for updating data

Contact

Name of organization / entity
Hamedan University of Medical Sciences
Full name of responsible person
Dr Jalal Poorolajal
Position
Professor of Epidemiology

Latest degree

Ph.D.

Other areas of specialty/work

Epidemiology

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Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Yes - There is a plan to make this available

Study Protocol

Yes - There is a plan to make this available

Statistical Analysis Plan

Yes - There is a plan to make this available

Informed Consent Form

Yes - There is a plan to make this available

Clinical Study Report

Yes - There is a plan to make this available

Analytic Code

Yes - There is a plan to make this available

Data Dictionary

Yes - There is a plan to make this available

Title and more details about the data/document

All collected deidentified IPD, IPD collected for the
primary outcome measure only

When the data will become available and for how long

6 months after publication

To whom data/document is available

Only available for people working in academic
institutions.

Under which criteria data/document could be used

No more criteria

From where data/document is obtainable

Dr Roohollah Abbasi ENT Specialist 9177089117
r.abbasi@umsha.ac.ir

What processes are involved for a request to access data/document

6 months

Comments