

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

comparison of two suture and vertical dome division(VDD) techniques in refinement of bulbous nose deformity in 70 patients that refer to the imam Khomeini hospital of Ahvaz for rhinoplasty from September 2009 to March 2010.

Protocol summary

Summary

(1) Objectives: The term of bulbous nose refers to patients that Seems to flatten the tip of the nose. Different surgical techniques are available to improve bulbousity of nasal tip such as suturing and vertical dome division. The aim of this study was evaluation of short and long term effects of these two techniques and compare of those results to refinement of bulbous nose deformity. (2) Design: In this study, seventy patients with bulbous nose deformity referred to the rhinoplasty done to Imam Khomeini Hospital in Ahvaz between the beginning of September 2009 to March 2010 were enrolled. (3) Setting and conduct: Patients were divided into two equal groups of 35 patients (group A and B). (4) Participants including major eligibility criteria: Patient inclusion criteria are bulbous nose deformity, Exclusion criteria included any history of previous surgery is septorhinoplasty. (5) Intervention: patients in group A with suture and group B with vertical dome division technique underwent rhinoplasty surgery. (6) main outcome measures (variables): in two time, respectively, a week, and then eight months after surgery for evaluation of these two surgical procedures to correction of bulbous nose deformity, were followed up.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201108137315N1**

Registration date: **2011-09-06, 1390/06/15**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-09-06, 1390/06/15

Registrant information

Name

Fereydoon Eslamijoo

Name of organization / entity

Vice chancellor for research, Ahwaz Jondi Shapur University of Medical Sciences

Country

Iran (Islamic Republic of)

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+98 61 1333 4028

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eslamijoo.f@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Because these two techniques routinely used for these patients The cost of the surgery the patient was responsible and other expenses of the business and the type of reproduction is paid by Vice chancellor for research, Ahwaz Jondi Shapur University of Medical Sciences.

Expected recruitment start date

2009-09-23, 1388/07/01

Expected recruitment end date

2010-03-20, 1388/12/29

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

comparison of two suture and vertical dome

division(VDD) techniques in refinement of bulbous nose deformity in 70 patients that refer to the imam Khomeini hospital of Ahvaz for rhinoplasty from September 2009 to March 2010.

Public title

Comparing two surgical techniques in Rhinoplasty

Purpose

Other

Inclusion/Exclusion criteria

Patient inclusion criteria are bulbous nose deformity:

Exclusion criteria included any history of previous surgery is septorhinoplasty.

Age

No age limit

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: 70

Randomization (investigator's opinion)

Randomized

Randomization description

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

University Ethics Committee of Ahwaz Jondi Shapur
University of Medical Sciences-Department of Resea

Street address

Department of Research and Technology, Jondi
Shapur University of Medical Sciences, Ahwaz

City

Ahwaz

Postal code

6135715794

Approval date

2010-02-20, 1388/12/01

Ethics committee reference number

31//20/8/پ

Health conditions studied

1

Description of health condition studied

Bulbous nose deformity

ICD-10 code

M95.0

ICD-10 code description

Acquired deformity of nose

Primary outcomes

1

Description

Widening of nasal tip

Timepoint

One week after surgery and eight months after surgery

Method of measurement

Measurement between two defining points of nasal tip by the ruler for surgery

Secondary outcomes

1

Description

Overnarrowing in nasal tip

Timepoint

A week after surgery and eight months after surgery

Method of measurement

Measurement between two defining points of nasal tip by the ruler for surgery

2

Description

Collapse of Lower lateral cartilages

Timepoint

A week after surgery and eight months after surgery

Method of measurement

direct visualization

Intervention groups

1

Description

Suture is a non-destructive method and helps maintain the context and integrated structure of cartilage which is helpful in formation of the tip and vestibule. Using this way, each side of the dome can be narrowed down to a limited extent and as a result the tip can also be narrowed down to a certain level.

Category

Treatment - Surgery

2

Description

VDD Method is destructive and as a result cartilage scaffold gets damaged and elasticity characteristic of the cartilage is lost in the place where it is cut. However,

using this technique more severe changes in the tip can be made and reduce the width of the tip more.

Category

Treatment - Surgery

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Khomeini Hospital of Ahwaz

Full name of responsible person

Fereydoon Eslamijoo

Street address

Ear, nose and throat department, Imam Khomeini Hospital, Ahwaz

City

Ahwaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Ahwaz Jondi Shapur University of Medical Sciences

Full name of responsible person

Dr. Azardokht Khosravi

Street address

Vice chancellor for research, Jondi Shapur University of Medical Sciences, Ahwaz

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Ahwaz

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, Ahwaz Jondi Shapur 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

Imam Khomeini Hospital of Ahwaz

Full name of responsible person

Fereydoon Eslamijoo

Position

Resident of ear, nose and throat

Other areas of specialty/work

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Contact

Name of organization / entity

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Full name of responsible person

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Other areas of specialty/work

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Person responsible for updating data

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Web page address	<i>empty</i>
Sharing plan	Informed Consent Form
	<i>empty</i>
Deidentified Individual Participant Data Set (IPD)	Clinical Study Report
<i>empty</i>	<i>empty</i>
Study Protocol	Analytic Code
<i>empty</i>	<i>empty</i>
Statistical Analysis Plan	Data Dictionary
	<i>empty</i>