Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 2026

comparison of manometery changes in rhinoplasty autospreader vs spreader graft techniques in patients referred for cosmetic rhinoplasty

Protocol summary

Summary

Objectives: to compare the functional and aesthetic outcomes of spreader graft vs autospreader graft in rhinoplasty surgeries Design: a cotrolled parallel randomized trial Setting and conduct: Panzdah khordad hospital, a referal hospital in Tehran Participants : Patinent aged 18-60 who referred to Panzdah-e-Khordad hospital for elective rhinoplasty during years 2013-2014 there is no exclusion criteria Intervention: spreader graft vs autospreader graft main outcome measures : Nasal flow and resistance using rhinomanometery.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014100719444N1**
Registration date: **2014-12-26, 1393/10/05**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2014-12-26, 1393/10/05

Registrant information

Name

Ataollah Heidari

Name of organization / entity

15th Khordad hospital

Country

Iran (Islamic Republic of)

Phone

+98 21 6687 5090

Email address

ata_heidari@sbmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Shaheed Beheshti University of medical Sciences

Expected recruitment start date

2013-01-01, 1391/10/12

Expected recruitment end date

2014-12-01, 1393/09/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

comparison of manometery changes in rhinoplasty autospreader vs spreader graft techniques in patients referred for cosmetic rhinoplasty

Public title

comparison of manometery changes in rhinoplasty autospreader vs spreader graft techniques in patients referred for cosmetic rhinoplasty

Purpose

Treatment

Inclusion/Exclusion criteria

Patients reffered for rhinoplasty, age 18-60 years.

Age

From **18 years** old to **60 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **50**

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
Shahib Beheshti University of Medical Sciences ethical committee
Street address
Shahib Beheshti University of Medical Sciences ethical committee, Resarch deputy, Velenjak
City
Tehran
Postal code
Approval date
2013-09-08, 1392/06/17
Ethics committee reference number
0308/8462

Health conditions studied

1

Description of health condition studied
Rhinoplasty
ICD-10 code
J34
ICD-10 code description
Other disorders of nose and nasal sinuses

Primary outcomes

1

Description
Nasal flow
Timepoint
1 month after intervention
Method of measurement
Rhinomanometer

Secondary outcomes

1

Description
Total nasal airway resistance
Timepoint
1 month after intervention
Method of measurement
Manometery

Intervention groups

1

Description
Auto spreader flap technic in rhinoplasty
Category
Treatment - Surgery

2

Description
Spreader flap technic in rhinoplasty
Category
Treatment - Surgery

Recruitment centers

1

Recruitment center
Name of recruitment center
15th Khordad Hospital
Full name of responsible person
Ataolah Heydari
Street address
15th Khordad Hospital
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Vice chancellor for research, of Shahid Beheshti University of Medical Sciences
Full name of responsible person
Ali Peyvandi
Street address
15th Khordad hospital
City
Tehran
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 Beheshti 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

Shahid Beheshti university of medical sciences

Full name of responsible person

Ataollah Heidari

Position

Surgeon

Other areas of specialty/work

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Person responsible for scientific inquiries

Contact

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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