Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

Impact of the caudal septal extension graft on projection and nasal rotation in patients who undergoing rhinoplasty

Protocol summary

Study aim
Determining the effect of Caudal Septal Extension Graft on nasal type position in rhinoplasty patients before and after operation

Design
Pre- and post-intervention clinical trial, non-randomized, not blind

Settings and conduct
A total of 34 eligible patients referring to rhinoplasty will be provided from two centers.In their surgery, the Caudal septal extension graft technique will be used, and the photography of both before and after the operation will be done in a studio according to standard criteria.The postoperative time is at least 6 months after surgery.Then, nasal tip analysis will be performed before and after surgery.

Participants/Inclusion and exclusion criteria
Criteria for entry; patients who are undergoing rhinoplasty for the first time Exit criteria; Patients with underlying immunological conditions; Patients with nasal visual impairment such as under the pressure of nasal septum and saddle nose deformity

Intervention groups
In patients who first have nasal surgery and visual disturbances in the nasal type, the Caudal septal extension graft technique is used in their surgery and their nasal aesthetic criteria are analyzed before and after surgery

Main outcome variables
Determining the effect of using the Caudal septal extension graft technique; Nasal tip position; Nasolabial angle; Nasal length; Nasal projection; Nasal rotation; Columella width; Supratip break

General information

Reason for update
Acronym
IRCT registration information

IRCT registration number: **IRCT20120215009039N5**
Registration date: **2018-10-07, 1397/07/15**
Registration timing: **registered_while_recruiting**

Last update: **2018-10-07, 1397/07/15**
Update count: **0**

Registration date
2018-10-07, 1397/07/15

Registrant information
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Recruitment status
Recruitment complete
Funding source

Expected recruitment start date
2018-09-23, 1397/07/01
Expected recruitment end date
2019-09-23, 1398/07/01
Actual recruitment start date
empty
Actual recruitment end date
empty
Trial completion date
empty

Scientific title
Impact of the caudal septal extension graft on projection and nasal rotation in patients who undergoing rhinoplasty

Public title
The effect of placing caudal septal extension graft on nasal appearance in people undergoing rhinoplasty
Purpose
Treatment
Inclusion/Exclusion criteria
Inclusion criteria:
Patients who undergo rhinoplasty for the first time
Exclusion criteria:
Patients with immunological diseases, diabetes Patients with saddle nose deformity Patients with nasal septum is under pressure Patient dissatisfaction Pre and post photoography in two different studios Failure to refer to the photographer
Age
No age limit
Gender
Both

Phase
N/A
Groups that have been masked
No information
Sample size
Target sample size: **34**
Randomization (investigator's opinion)
Not randomized
Randomization description
Blinding (investigator's opinion)
Not blinded
Blinding description
Placebo
Not used
Assignment
Single
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Ethics Committee of Tehran University of Medical Sciences
Street address
Vice chancellor for research, Tehran University of Medical Sciences, Ghods St, Keshavarz Blvd
City
Tehran
Province
Tehran
Postal code
1417653761
Approval date
2018-06-26, 1397/04/05
Ethics committee reference number
IR.TUMS.VCR.REC.1397.213

Health conditions studied

1

Description of health condition studied
Rhinoplasty
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
tip plasty
Timepoint
6 months after surgery
Method of measurement
Photogramography before and after surgery

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Use of caudal septal extension graft in rhinoplasty on patients
Category
Treatment - Surgery

Recruitment centers

1

Recruitment center
Name of recruitment center
AmirAlam hospital
Full name of responsible person
Dr Amirhossein Ghabasiah
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2

Recruitment center
Name of recruitment center
Gandhi Surgery Clinic
Full name of responsible person

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Sponsors / Funding sources

1

Sponsor
Name of organization / entity
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Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Tehran 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
Tehran University of Medical Sciences
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Position
Resident
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Person responsible for updating data

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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