

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Jul 2026

Evaluation of the effect of supine position and general anesthesia on profile and frontal view in rhinoplasty patients in Buali hospital

Protocol summary

Study aim

Evaluation of the effect of supine position and general anesthesia on the frontal and profile view of the rhinoplasty patients in Buali hospital

Design

The points needed to measure variables are marked and measured standing by patients before they receive medication. Then, while standing, while the patient's head position is adjusted using a splint, the profile photo is taken as standard by a professional photographer with a Canon power shot G11 camera from a distance of one meter.

Settings and conduct

The patient is then placed under general anesthesia by an anesthesiologist with certain medications and oral intubation is performed for the patient and the measurements are performed again and the profile is prepared by the same photographer and the same camera. In order to standardize and reduce human error in the preparation of photographs; All images are taken by a professional medical photographer with a fixed camera in an operating room and in a fixed location with the same light. A fixed place for patients and a fixed place for the photographer in the operating room are marked. All photographs are taken with the same magnification and the position of the patient's head is set in the same position by the patient. Finally, the photographs are printed on the same type of paper without any changes and edits, and the nasopharyngeal and nasolabial angles are measured and recorded using a fixed conveyor

Participants/Inclusion and exclusion criteria

Patients candidated for rhinoplasty Minimum age of 18 years No systemic disease No drugs

Intervention groups

General anesthesia Supine position

Main outcome variables

Sitting position. Supine condition before general anesthesia. Supine condition after general anesthesia

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20210816052200N1**

Registration date: **2021-11-11, 1400/08/20**

Registration timing: **registered_while_recruiting**

Last update: **2021-11-11, 1400/08/20**

Update count: **0**

Registration date

2021-11-11, 1400/08/20

Registrant information

Name

morteza moogahi nezhad

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 21 3331 1107

Email address

morteza_moogahi@yahoo.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2021-09-23, 1400/07/01

Expected recruitment end date

2022-05-22, 1401/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation of the effect of supine position and general anesthesia on profile and frontal view in rhinoplasty patients in Buali hospital

Public title

Effect of supine position and GA on the nose

Purpose

Diagnostic

Inclusion/Exclusion criteria**Inclusion criteria:**

Patients candidated for rhinoplasty Minimum age of 18 years No systemic disease No drug usage

Exclusion criteria:**Age**

From **18 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **52**

Randomization (investigator's opinion)

N/A

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 Islamic Azad University of Medical Sciences

Street address

Neyestan 9 Alley, Pasdaran Ave

City

Tehran

Province

Tehran

Postal code

1946853314

Approval date

2020-12-08, 1399/09/18

Ethics committee reference number

IR.IAU.DENTAL.REC.1399.221

Health conditions studied**1****Description of health condition studied**

General anesthesia and supine position

ICD-10 code**ICD-10 code description****Primary outcomes****1****Description**

Sitting position. Supine condition before general anesthesia. Supine condition after general anesthesia

Timepoint

Before being supine, In supine position, After general anesthesia

Method of measurement

Ruler, Transporter

Secondary outcomes

empty

Intervention groups**1****Description**

Intervention group: 52 patients are admitted to the study after considering the inclusion and exclusion criteria. The points needed to measure variables are marked and measured standing by patients before they receive medication. Then, while standing, while the patient's head position is adjusted using a splint, the profile photo is taken as standard by a professional photographer with a Canon power shot G11 camera from a distance of one meter. The patient is then supine in the same room, with the bed parallel to the ground, re-measured, and profile photos are taken again by the same photographer, with the same camera and from a distance of one meter. The patient is then placed under general anesthesia by an anesthesiologist with certain medications and oral intubation is performed for the patient and the measurements are performed again and a profile is prepared by the same photographer and the same camera.

Category

Diagnosis

Recruitment centers**1****Recruitment center****Name of recruitment center**

Buali hospital

Full name of responsible person

Dr. Hossein Tafazzoli Shadpour

Street address

Neyestan 9 Alley, Pasdaran Ave
City
Tehran
Province
Tehran
Postal code
1946853314
Phone
+98 21 2256 4571
Email
drhostaf@yahoo.com

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Islamic Azad University
Full name of responsible person
Dr. Hossein Tafazzoli Shadpour
Street address
Neyestan 9 Alley, Pasdaran Ave
City
Tehran
Province
Tehran
Postal code
1946853314
Phone
+98 21 2256 4571
Email
drhostaf@yahoo.com
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
Dr. Hossein Tafazzoli Shadpour
Position
Associated professor
Latest degree

Specialist
Other areas of specialty/work
Oral and maxillofacial surgery
Street address
Neyestan 9 Alley, Pasdaran Ave
City
Tehran
Province
Tehran
Postal code
1946853314
Phone
+98 21 2256 4571
Email
drhostaf@yahoo.com

Person responsible for scientific inquiries

Contact

Name of organization / entity
Islamic Azad University
Full name of responsible person
Dr. Hossein Tafazzoli Shadpour
Position
Associated professor
Latest degree
Specialist
Other areas of specialty/work
Oral and maxillofacial surgery
Street address
Neyestan 9 Alley, Pasdaran Ave
City
Tehran
Province
Tehran
Postal code
1946853314
Phone
+98 21 2256 4571
Email
drhostaf@yahoo.com

Person responsible for updating data

Contact

Name of organization / entity
Islamic Azad University
Full name of responsible person
Morteza Moogahi Nezhad
Position
Resident of oral and maxillofacial surgery
Latest degree
Medical doctor
Other areas of specialty/work
Oral and maxillofacial surgery
Street address
Neyestan 9 Alley, Pasdaran Ave
City
Tehran
Province
Tehran

Postal code

1946853314

Phone

+98 21 2256 4571

Email

morteza_moogahi@yahoo.com

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

Only main outcome

When the data will become available and for how long

It will be published before autumn next year

To whom data/document is available

Only researchers in university

Under which criteria data/document could be used

To do more studies

From where data/document is obtainable

Dental school of Tehran Islamic Azad university library

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

To be a member of library

Comments