

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

09 Jun 2026

### Evaluating the Effect of Lateral Osteotomy on Intraocular Pressure

#### Protocol summary

##### Study aim

Evaluating the Effect of Lateral Osteotomy on Intraocular Pressure

##### Design

Controlled clinical trial with parallel groups with out blinded design of 96 patients.

##### Settings and conduct

Intraocular Pressure measurement in all patients with Goldmann tonometer before and after the surgery in 3 runs

##### Participants/Inclusion and exclusion criteria

All patients that candidated for Rhinoplasty Surgery that refer to ENT Clinic of Taleghani Hospital in Tehran

##### Intervention groups

Intraocular Pressure measurement in all patients before and after surgery

##### Main outcome variables

No effect of time on Intraocular Pressure after surgery

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20200420047142N1**

Registration date: **2020-05-29, 1399/03/09**

Registration timing: **retrospective**

Last update: **2020-05-29, 1399/03/09**

Update count: **0**

##### Registration date

2020-05-29, 1399/03/09

##### Registrant information

##### Name

Atieh Zahedi

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 17 3254 3580

##### Email address

atiyeh.zahedi@gmail.com

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2019-10-12, 1398/07/20

##### Expected recruitment end date

2020-03-19, 1398/12/29

##### Actual recruitment start date

2019-10-12, 1398/07/20

##### Actual recruitment end date

2020-02-18, 1398/11/29

##### Trial completion date

2020-03-19, 1398/12/29

##### Scientific title

Evaluating the Effect of Lateral Osteotomy on Intraocular Pressure

##### Public title

Evaluating the Effect of Osteotomy on Intraocular Pressure

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

##### Inclusion criteria:

The patients that candidated for Rhinoplasty Surgery and refer to ENT Clinic of Taleghani Hospital in Tehran in the year 98

##### Exclusion criteria:

##### Age

No age limit

##### Gender

Both

##### Phase

N/A

##### Groups that have been masked

No information

## Sample size

Target sample size: **96**

Actual sample size reached: **96**

## Randomization (investigator's opinion)

N/A

## 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

Ethics committee of Shahid Beheshti University of Medical Sciences

##### Street address

No. 1, Salehi Ave., Golshahr Blvd., Gorgan Town

##### City

Gorgan

##### Province

Golestan

##### Postal code

4916745436

#### Approval date

2019-10-08, 1398/07/16

#### Ethics committee reference number

IR.SBMU.MSP.REC.1398.691

## Health conditions studied

### 1

#### Description of health condition studied

Intraocular Pressure

#### ICD-10 code

#### ICD-10 code description

## Primary outcomes

### 1

#### Description

Increased Intraocular Pressure after lateral Osteotomy

#### Timepoint

Intraocular Pressure measurement before surgery and 1,7,30 days after the surgery

#### Method of measurement

Goldmann Applanation Tonometer

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: Intraocular Pressure measurement after Rhinoplasty surgery with lateral osteotomy with Goldmann tonometer on days 1 and 7 and 30

#### Category

Prevention

### 2

#### Description

Control group: Intraocular Pressure measurement before Rhinoplasty surgery with Goldmann tonometer

#### Category

Prevention

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Taleghani hospital

##### Full name of responsible person

Atieh Zahedi

##### Street address

Araabi Ave., Daneshjoo Blvd., Tehran Town

##### City

Tehran

##### Province

Tehran

##### Postal code

1985711151

##### Phone

+98 21 2243 2560

##### Email

taleghanihospital@sbmu.ac.ir

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Shahid Beheshti University of Medical Sciences

##### Full name of responsible person

Afshin Zarghi

##### Street address

Araabi Ave., Daneshjoo Blvd., Tehran Town

##### City

Tehran

##### Province

Tehran

##### Postal code

1985711151

**Phone**

+98 21 2243 2560

**Email**

taleghanihospital@sbmu.ac.ir

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Shahid Beheshti 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**

Shahid Beheshti University of Medical Sciences

**Full name of responsible person**

Atiyeh Zahedi

**Position**

Resident

**Latest degree**

Medical doctor

**Other areas of specialty/work**

Ear, Nose, and Throat

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atiyeh.zahedi@gmail.com

**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Shahid Beheshti University of Medical Sciences

**Full name of responsible person**

Atiyeh Zahedi

**Position**

Resident

**Latest degree**

Medical doctor

**Other areas of specialty/work**

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atiyeh.zahedi@gmail.com

**Person responsible for updating data****Contact****Name of organization / entity**

Shahid Beheshti University of Medical Sciences

**Full name of responsible person**

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**Fax****Email**

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

Yes - There is a plan to make this available

**Study Protocol**

No - There is not a plan to make this available

**Statistical Analysis Plan**

Not applicable

**Informed Consent Form**

No - There is not a plan to make this available

**Clinical Study Report**

Not applicable

**Analytic Code**

Not applicable

**Data Dictionary**

Not applicable

**Title and more details about the data/document**

Share Intraocular Pressure measurement

**When the data will become available and for how**

**long**

Start the access period 1 year after printing the results

**To whom data/document is available**

Researchers working in academic Institutions

**Under which criteria data/document could be used**

In academic research

**From where data/document is obtainable**

Refer to [atiyeh.zahedi@gmail.com](mailto:atiyeh.zahedi@gmail.com) and Send a request with a valid e-mail 00989111776883

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

Send a request with a valid e-mail to [atiyeh.zahedi@gmail.com](mailto:atiyeh.zahedi@gmail.com)

**Comments**