

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Jul 2026

Comparison the effect Of Pressure On The Nose By Nose Stuck With The Gas Pressure On The Control Of Nose Bleeding In Patients Presenting To The Emergency Department With Complaints Of Epistaxis

Protocol summary

Summary

The Aim Of The Study: Determine The Effect Of Pressure On The Nose By Nose Stuck With The Gas Pressure On The Control Of Nose Bleeding In Patients Presenting To The Emergency Department With Complaints Of Epistaxis Study Design: Randomized, Single-Blind, Two-Center, Phase One Trial Study Population: All Patients Presenting To The Emergency Department With Complaints Of Epistaxis Inclusion Criteria The Patient Is Admitted With Complaints Of Epistaxis. And Must Have Active Bleeding At The Time Of The Study. Age Older Than 16 Years. Epistaxis Of The Anterior. Exclusion Criteria Were Bleeding Caused By Trauma Or Surgical Procedures. Anticoagulants Drugs Or Bleeding Disorders In Patients (Platelet Count Less Than 100,000, Hemophilia, INR Greater Than 1.5, Hematologic Malignancies), Intervention To Control Bleeding During 6 Months Ago (Cautery, Tampons, Local Treatment). Posterior Epistaxis. Hemodynamic Instability. Upper Respiratory Tract Infection. Accompanied By A Significant Other Complaints (Eg, Chest Pain). Lack Of Patient Consent To Participate In The Study. Deviation Of The Nasal Septum. Target Sample Size: 60 Patients. Intervention Use Nose Stuck (Intervention Group) Nasal Pressure By The First And Second Fingers On Dominant Hand (The Control Group), After 15 Minutes Epistaxis Patient's Condition Will Be Assessed. Outcome Study: Bleeding Is stopped. After Wiping The Nose With A Tissue, Blood Stain On It. Without The Flow Of Blood, Oozing Bleeding Obvious. The Rest Of The Bloodstream But To A Lesser Extent From The Time Of Referral. Bleeding Unchanged From The Time Of The Visit.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201201078640N1**

Registration date: **2016-03-13, 1394/12/23**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2016-03-13, 1394/12/23

Registrant information

Name

Majid Hajimaghsoudi

Name of organization / entity

Shahid Sadoughi University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 8490 2719

Email address

hajimaghsoudi@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahid Sadoughi University of Medical Sciences

Expected recruitment start date

2016-01-21, 1394/11/01

Expected recruitment end date

2016-07-22, 1395/05/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison the effect Of Pressure On The Nose By Nose

Stuck With The Gas Pressure On The Control Of Nose Bleeding In Patients Presenting To The Emergency Department With Complaints Of Epistaxis

Public title

Comparison Of Two Methods In The Treatment Of Epistaxis

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion Criteria: For Patient Is Admitted With Complaints Of Epistaxis, And Must Have Active Bleeding At The Time Of The Study. Age Older Than 16 Years. Epistaxis Must Be Anterior Type. Exclusion Criteria Were Bleeding Caused By Trauma Or Surgical Procedures. Anticoagulants Drugs Or Bleeding Disorders In Patients (Platelet Count Less Than 100,000, Hemophilia, INR Greater Than 1.5, Hematologic Malignancies), Intervention To Control Bleeding During 6 Months Ago (Cautery, Tampons, Local Treatment). Posterior Epistaxis. Hemodynamic Instability. Upper Respiratory Tract Infection. Accompanied By A Significant Other Complaints (Eg, Chest Pain). Lack Of Patient Consent To Participate In The Study. Deviation Of The Nasal Septum.

Age

From **16 years** old to **100 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **60**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Shahid Sadoughi University of Medical Sciences

Street address

Central Organization of Shahid Sadoughi University of Medical Sciences, Bahonar Squr, Yazd

City

Yazd

Postal code

Approval date

2016-02-08, 1394/11/19

Ethics committee reference number

IR.SSU.MEDICINE.REC.1394427

Health conditions studied

1

Description of health condition studied

Epistaxis

ICD-10 code

R04.4

ICD-10 code description

Haemorrhage from nose Nosebleed

Primary outcomes

1

Description

Resolve Bleeding

Timepoint

15 minutes later

Method of measurement

Direct Inspection

Secondary outcomes

1

Description

ENT specialist consult

Timepoint

At discharge time

Method of measurement

Case inspection

2

Description

Patient satisfaction

Timepoint

At discharge time

Method of measurement

upon likert scale

3

Description

Need for more intervention

Timepoint

at discharge time

Method of measurement

case inspection

4

Description

Recurrenc of epistaxis

Timepoint

24 hours after discharge from emergency unit

Method of measurement

Interview with patient

5

Description

Care duration in emergency unit

Timepoint

After discharge

Method of measurement

Since the establishment of emergency cases until discharge in minutes

Intervention groups

1

Description

In the intervention group, we put the nose stuck on the patient's nose and after 15 min evaluate epistaxis scale compared to the initial state.

Category

Treatment - Other

2

Description

In the control group, patient wanted to hold his/her nose tightly and after 15 min evaluate epistaxis scale compared to the initial state.

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Shahid Ranamoun Hospital

Full name of responsible person

Street address

City

Yazd

2

Recruitment center

Name of recruitment center

Shahid Sdoughi Hospital

Full name of responsible person

Street address

City

Yazd

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahid Sadoughi University of Medical Sciences

Full name of responsible person

Amir Houshang Mehrparvar

Street address

Shahid Sadougi University of Medical Sciences,
Bahonar square, Yazd

City

Yazd

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Shahid Sadoughi 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 Sadoughi University of Medical Sciences

Full name of responsible person

Hosein Amiri Largani

Position

Resident in Emergency Medicine

Other areas of specialty/work

Street address

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Person responsible for scientific inquiries

Contact

Name of organization / entity

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Full name of responsible person

Hosein Amiri Largani

Position

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Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Shahid Sadoughi University of Medical Sciences

Full name of responsible person

Hosein Amiri Largani

Position

Resident in Emergency Medicine

Other areas of specialty/work

Street address

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City

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Phone

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Fax

Email

Web page address

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