

Clinical Trial Protocol

Iranian Registry of Clinical Trials

13 Jun 2026

The Assessment of Achillea millefolium ointment therapeutic effects on idiopathic recurrent epistaxis: A Randomized double blind clinical trial study

Protocol summary

Summary

Epistaxis or nose bleeding is one of the most common otorhinolaryngological emergencies. Most nosebleeds are minor and stop with nasal compression but severe bleeding needs serious management and special treatment. Chronic and recurrent epistaxis affected on quality of life and lead to anemia. .in this study we evaluate the effect of the achillia (one of the Herbal medicine) in treatment of epistaxis. The anticoagulant effect of this drug was interesting for humanity from many years ago. In attention to the effect of achillia on nasal mucosa in rabbits, it seems evaluation of effect of this drug in idiopathic and recurrent epistaxis can be a new opinion in treatment of epistaxis. the patients who referred to the clinic of Besat hospital with recurrent epistaxis (minimum of 3 times per 2 months) and no specific etiology detect on history and physical exam will be included in this study.in intervention group: vitamin A ointment will be applied intranasal every other day with Achillia ointment for 10 days and in Control group: vitamin A ointment will be applied intranasal every other day with placebo ointment for 10 days.then on 11th day nasal exam and coagulation tests will be done and after one month and 3 months the patient will be visited and the amount of epistaxis will be recorded according to Epistaxis Severity Score (ESS) this study is randomised and blind

General information

Acronym

The Assessment of Achillea millefolium ointment therapeutic effects on idiopathic recurrent epi

IRCT registration information

IRCT registration number: **IRCT201410303186N6**
Registration date: **2015-04-28, 1394/02/08**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2015-04-28, 1394/02/08

Registrant information

Name

Farnaz Hashemian

Name of organization / entity

Hamadan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 81 3827 9001

Email address

hashemian@umsha.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Chancellor for Research and Technology, Hamadan University of Medical Sciences

Expected recruitment start date

2014-11-22, 1393/09/01

Expected recruitment end date

2016-05-21, 1395/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Assessment of Achillea millefolium ointment therapeutic effects on idiopathic recurrent epistaxis: A Randomized double blind clinical trial study

Public title

Anti nosebleeds effect of Achillia ointment

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion critria: the patients who referred to the clinic of Besat hospital with recurrent epistaxis (minimum of 3 times per 2 months) and no specific etiology detect on history and physical exam Exclusion criteria: 1- Age under 12 and above 50 years old. 2- Pregnancy. 3- OCP use. 4- Hx of ischemic heart disease. 5- Hx of hypertension. 6- Hx of thromboamboli. 7- Hx of allergy to Achillia 8- Coagulation disorder.

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)

Double blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics committee of Hamadan University of Medical Sciences

Street address

Hamadan University of Medical Sciences, Shaheed Fahmide Blvd., Hamadan, Iran

City

Hamadan

Postal code

65178

Approval date

2014-09-16, 1393/06/25

Ethics committee reference number

p-16-35-9-2893

Health conditions studied

1

Description of health condition studied

Epistaxis

ICD-10 code

R04.0

ICD-10 code description

خونریزی بینی

Primary outcomes

1

Description

Bleeding

Timepoint

Day 11th, first month and third month after drug administration

Method of measurement

Epistaxis Severity score

Secondary outcomes

1

Description

Adverse effect

Timepoint

Day 11th, first month and third month after drug administration

Method of measurement

History and clinical examination

Intervention groups

1

Description

Intervention group: vitamin A ointment is applied intranasal every other day with Achillia ointment for 10 days.

Category

Treatment - Drugs

2

Description

Control group: vitamin A ointment is applied intranasal every other day with placebo ointment for 10 days.

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Besat hospital

Full name of responsible person

Farnaz Hashemian

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Besat Hospital, Resalat Sq., Shaheed Motahhari Blvd.,
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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research and Technology of
Hamadan University of Medical Sciences

Full name of responsible person

Saeed Bashirian

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Vice Chancellor for Research and Technology,
Hamadan University of Medical Sciences, Shaheed
fahmideh Blvd.,

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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

Vice Chancellor for Research and Technology of
Hamadan 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

Hamadan University of Medical Sciences

Full name of responsible person

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Position

associate professor

Other areas of specialty/work

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Position

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Position

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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