# Clinical Trial Protocol
# Iranian Registry of Clinical Trials

08 Nov 2026

## comparison between Floticasone and Mometasone nasal sprays on allergic rhinitis symptoms

## Protocol summary

**Summary**

Background: The safety and efficacy of fluticasone propionate (FP) nasal spray and mometasone furoate monohydrinate (MFM) nasal spray for the symptoms of seasonal and perennial allergic rhinitis have been previously demonstrated separately in several clinical studies. The objective of this pilot study was to compare the efficacy fluticasone propionate nasal spray and mometasone furoate nasal spray in patients with allergic rhinitis. Materials and methods: For this study, 75 perennial allergic rhinitis patients were randomly assigned to two treatment groups: MFM group and an FP group. Treatment was provided for 4 weeks and 8 weeks after the treatment begining. The effects of the two agents were compared using the total nasal symptom scores (TNSSs).

## General information

**Acronym**

**IRCT registration information**

IRCT registration number: **IRCT2016031419240N2**
Registration date: **2016-04-28, 1395/02/09**
Registration timing: **retrospective**

Last update:
Update count: **0**

**Registration date**

2016-04-28, 1395/02/09

**Registrant information**

**Name**
Omid Gholami
**Name of organization / entity**
Sabzevar University of Medical Sciences
**Country**
Iran (Islamic Republic of)
**Phone**
+98 51 4444 6070
**Email address**
gholamio@medsab.ac.ir

**Recruitment status**

**Recruitment complete**

**Funding source**

Vice Chancellor for Research of Sabzevar University Of Medical Sciences

**Expected recruitment start date**

2015-08-23, 1394/06/01

**Expected recruitment end date**

2016-03-19, 1394/12/29

**Actual recruitment start date**

empty

**Actual recruitment end date**

empty

**Trial completion date**

empty

**Scientific title**

comparison between Floticasone and Mometasone nasal sprays on allergic rhinitis symptoms

**Public title**

comparison between two corticosteroid nasal spray on allergic rhinitis symptoms

**Purpose**

Treatment

**Inclusion/Exclusion criteria**

Inclusion criteria: 1) having allergic rhinitis based on clinical exams and questionnaire; 2) having dermatitis allergy to allergen. Exclusion criteria: 1) having infection in two previous weeks; 2) having upper/ lower respiratory infection in two previous weeks; 3) using inhaled steroids in two previous weeks; 4) having nasal polyp.

**Age**

From **18 years** old

**Gender**

Both

**Phase**
2
**Groups that have been masked**
*No information*
**Sample size**
Target sample size: **75**
**Randomization (investigator's opinion)**
Randomized
**Randomization description**
**Blinding (investigator's opinion)**
Double blinded
**Blinding description**
**Placebo**
Not used
**Assignment**
Parallel
**Other design features**

## Secondary Ids

empty

## Ethics committees

### 1

**Ethics committee**
**Name of ethics committee**
Sabzevar University of medical sciences
**Street address**
Sabzevar University of Medical Sciences- Asadabadi Street- Sabzevar- Iran
**City**
Sabzevar
**Postal code**
**Approval date**
2015-09-23, 1394/07/01
**Ethics committee reference number**
Medsab.Rec.93.57

## Health conditions studied

### 1

**Description of health condition studied**
Allergic rhinitis
**ICD-10 code**
J30.4
**ICD-10 code description**
Allergic rhinitis, unspecified

## Primary outcomes

### 1

**Description**
Nasal congestion
**Timepoint**
0 & 4 & 8 weeks
**Method of measurement**
TNSS score

### 2

**Description**
Nasal itching
**Timepoint**
0 & 4 & 8 weeks
**Method of measurement**
TNSS score

### 3

**Description**
Postnasal drip
**Timepoint**
0 & 4 & 8 weeks
**Method of measurement**
TNSS score

### 4

**Description**
Runny nose
**Timepoint**
0 & 4 & 8 weeks
**Method of measurement**
TNSS score

### 5

**Description**
Smelling disorders
**Timepoint**
0 & 4 & 8 weeks
**Method of measurement**
TNSS score

### 6

**Description**
Sneezing
**Timepoint**
0 & 4 & 8 weeks
**Method of measurement**
TNSS score

## Secondary outcomes

empty

## Intervention groups

### 1

**Description**
Fluticasone nasal spray 200 micro grams/day (2 puff in each nostril) for 8 weeks
**Category**
Treatment - Drugs

### 2

**Description**
Mometasone nasal spray 100 micro grams/day (2 puff in each nostril) for 8 weeks

**Category**
Treatment - Drugs

## Recruitment centers

**1**

**Recruitment center**
**Name of recruitment center**
Vasei Hospital
**Full name of responsible person**
Mahshid Sadat Mirmoezi
**Street address**
Sabzevar Vasei Hospital
**City**
Sabzevar

## Sponsors / Funding sources

**1**

**Sponsor**
**Name of organization / entity**
Vice Chancellor for Research of Sabzevar University Of Medical Sciences
**Full name of responsible person**
Mohammad Mohammadzadeh
**Street address**
Deputy of Research and Technology, Sabzevar University of Medical Sciences
**City**
Sabzevar
**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 of Sabzevar 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**
Sabzevar University of medical sciences
**Full name of responsible person**
Mahshid sadat Mirmoezi
**Position**
Student
**Other areas of specialty/work**
**Street address**
Sabzevar
**City**
Sabzevar
**Postal code**
**Phone**
+98 51 5725 2216
**Fax**
**Email**
mahshid.mirmoezi@yahoo.com
**Web page address**

## Person responsible for scientific inquiries

**Contact**
**Name of organization / entity**
Sabzevar University of Medical Sciences
**Full name of responsible person**
Omid Gholamo
**Position**
Assisstant Professor
**Other areas of specialty/work**
**Street address**
Faculty of Medicine, Deputy of Education, Sabzevar University of Medical Sciences
**City**
Sabzevar
**Postal code**
**Phone**
+98 51 4444 6070
**Fax**
**Email**
omidghphd@gmail.com; dromidgholami@yahoo.com
**Web page address**

## Person responsible for updating data

**Contact**
**Name of organization / entity**
Sabzevar university of medical sciences
**Full name of responsible person**
Omid Gholami
**Position**
Assisstant professor
**Other areas of specialty/work**
**Street address**
Faculty of Medicine, Deputy of Education, Sabzevar University of Medical Sciences
**City**
Sabzevar
**Postal code**
**Phone**
**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*