

Clinical Trial Protocol

Iranian Registry of Clinical Trials

12 Jun 2026

Efficacy of Nigella Sativa and Fish Oil in Vitiligo

Protocol summary

Summary

The purpose of this study was to assess the response to treatment of nigella sativa oil and comparison with fish oil in vitiligo patients. This study was conducted as a randomized double-blind, single center. 52 known cases of vitiligo, not using of nigella sativa or fish oil during last 3 months, no pregnancy for females were recruited. These patients selected from hospitalized vitiligo patients referred to Dermatology clinic of Ahvaz Imam Khomeini hospital. Drugs were utilized by patients in 6 months during 22 June and 21 December 2011. They were asked 7 times after starting the study, first at the baseline and then every month till sixth months, for their symptoms due to lesions based on a Vitiligo Area Scoring Index.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201201025069N5**

Registration date: **2012-01-06, 1390/10/16**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2012-01-06, 1390/10/16

Registrant information

Name

Alireza Ghorbani Birgani

Name of organization / entity

Islamic Azad University

Country

Iran (Islamic Republic of)

Phone

+98 61 1229 8173

Email address

ghorbani@iaug.ac.ir

Recruitment status

Recruitment complete

Funding source

Gachsaran Islamic Azad University

Expected recruitment start date

2011-06-22, 1390/04/01

Expected recruitment end date

2011-12-21, 1390/09/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Efficacy of Nigella Sativa and Fish Oil in Vitiligo

Public title

Efficacy of Nigella Sativa Oil and Fish Oil in Vitiligo Patients in Iran

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: known case of vitiligo, not using of nigella sativa or fish oil during last 3 months, no pregnancy for females. Exclusion criteria: pregnancy for females, using of nigella sativa or fish oil during last 3 months.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **52**

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

Islamic Azad University

Street address

Academic Complex (Site)-Islamic Azad University

City

Gachsaran

Postal code

32356

Approval date

2011-05-20, 1390/02/30

Ethics committee reference number

467

Health conditions studied

1

Description of health condition studied

Vitiligo

ICD-10 code

L80

ICD-10 code description

Vitiligo

Primary outcomes

1

Description

Vitiligo

Timepoint

before intervention and every month for sixth months

Method of measurement

Vitiligo Area Scoring Index

Secondary outcomes

empty

Intervention groups

1

Description

Nigella sativa oil, 100 gram twice a day for 6 months in first intervention group

Category

Treatment - Drugs

2

Description

Fish oil, 100 gram twice a day for 6 months in second intervention group

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Ahwaz Imam Khomeinie Hospital

Full name of responsible person

Alireza Ghorbani Birgani

Street address

Azadegan Ave-Imam Khomeinie Hospital

City

Ahwaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Gachsaran Islamic Azad University

Full name of responsible person

Saman Moosavian

Street address

Academic Complex (Site)-Islamic Azad University

City

Gachsaran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Gachsaran Islamic Azad University

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

Gachsaran Islamic Azad University

Full name of responsible person

Saman Moosavian

Position

Faculty Member/Master

Other areas of specialty/work**Street address**

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Contact

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Full name of responsible person

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Position

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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