Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 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 theire 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)
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+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

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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