

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

The effect of omega3 supplementation on cytokines profile in Pemphigus patients.

Protocol summary

Summary

The aim of this study was investigating effects of omega3 fatty acids supplementation on cytokines profile in pemphigus patients. 30 pemphigus patients divided into control and intervention groups. They receive respectively placebo and omega3 supplement. It is a randomized and double blind study. Exclusion criteria are: 1- Patients suffer from sever food allergy, other autoimmune diseases, cancers, kidney diseases. 2- Consuming omega 3 supplement 1mounth before starting intervention. Primary outcomes are: interleukines 1 betta and 6,TNF alpha.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012082110640N1**
Registration date: **2013-04-16, 1392/01/27**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-04-16, 1392/01/27

Registrant information

Name

Mona Zendehtdel

Name of organization / entity

Ahvaz Jundishapur University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 1373 8253

Email address

zendehtdel.m@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahvaz Jundishapur University of Medical Sciences

Expected recruitment start date

2012-04-20, 1391/02/01

Expected recruitment end date

2013-01-20, 1391/11/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of omega3 supplementation on cytokines profile in Pemphigus patients.

Public title

The effect of omega3 supplementation in Pemphigus patients.

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria:1- Diagnose of pemphigus by physicien. 2 -Adult male and female. Exclusion criteria:1- Patients suffer from sever food allergy, other autoimmune diseases, cancer, kidney diseases. 2- Consuming omega 3 supplement 1 mounth before starting intervention.

Age

From **18 years** old to **80 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **30**

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
Ahvaz Jundishapur University of Medical Sciences
Street address
Research and technology management, Ahvaz
Jundishapur University of Medical Sciences, Golestan
Blvd.
City
Ahvaz
Postal code
Approval date
2012-04-20, 1391/02/01
Ethics committee reference number
eth379

Health conditions studied

1

Description of health condition studied
Pemphigus
ICD-10 code
L10
ICD-10 code description
Pemphigus neonatorum

Primary outcomes

1

Description
TNF-alpha
Timepoint
before, 1 and 3 mounths after supplementation
Method of measurement
ELISA

2

Description
Interleukine 1 β
Timepoint
before, 1 and 3 mounths after supplementation

Method of measurement

ELISA

3

Description
Interleukine 6
Timepoint
before, 1 and 3 mounths after supplementation
Method of measurement
ELISA

Secondary outcomes

1

Description
Body weight
Timepoint
before,1 and 3 mounths after supplementation
Method of measurement
body weighing with digital scale

Intervention groups

1

Description
Intervention group: Omega 3, capsule 1 gram, 3 times a day, during 3 months
Category
Treatment - Other

2

Description
Placebo group: Paraffin, capsule 1 gram, 3 times a day, during 3 months
Category
Treatment - Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Ahvaz Imam Khomeini Hospital
Full name of responsible person
Street address
City
Ahvaz

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Ahvaz Jundishapur University of Medical Sciences
Full name of responsible person

Dr. Mostafa Fegghi

Street address

Ahvaz Jundishapur University of Medical Sciences

City

Ahvaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Ahvaz Jundishapur 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

Ahvaz Jundishapur University of Medical Sciences

Full name of responsible person

Mona Zendehdel

Position

MSc student/ BSc

Other areas of specialty/work

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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