

Clinical Trial Protocol

Iranian Registry of Clinical Trials

24 Jun 2026

The effect of ginger consumption on the Clinical Manifestation and Blood Pressure in adult with Active Rheumatoid Arthritis

Protocol summary

Summary

This study examined The effect of Ginger on Clinical signs and blood pressure in patients with active RA. In this 21 months placebo-controlled double-blind randomized clinical trial, 70 patients with Active RA will be enrolled in the study.They will be divided in 2 groups randomly. Patients in case group will receive 1600 miligrams of powdered Ginger daily for 3 months and control patients will receive 1600 miligrams flour daily for 3 months (one 800 milligrams capsule before lunch and one before dinner). before and After the 3 months intervention period, Clinical signs(Pain, Morning stiffness,number inflammation joints and global physician assessment) and blood pressure in two groups will be compared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201206179472N3**

Registration date: **2012-09-29, 1391/07/08**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2012-09-29, 1391/07/08

Registrant information

Name

Naheed Aryaeian

Name of organization / entity

Iran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 8670 4750

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Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2012-10-01, 1391/07/10

Expected recruitment end date

2013-06-01, 1392/03/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of ginger consumption on the Clinical Manifestation and Blood Pressure in adult with Active Rheumatoid Arthritis

Public title

Effect of Ginger consumption on the Clinical Manifestation and Blood Pressure in adult with Rheumatoid Arthritis

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: person with RA diseases as ACR criteria; having RA from 2 years ago; age between 20-69 years; not being pregnant or lactated; not smoking and drink alcoho; havn't eaten multivitamin or antioxidants supplements from 3 month ago; don't eat lowering blood pressure; don't eat anti pregnancy drugs; exclusion criteria; Changes in diet or physical activity every day; taking less than 80% of supplements given to patients at baseline(the compliance lower than %80); consumption of contraceptives; multivitamins and antioxidant supplements; renal, hepatic,thyroid, parathyroid

diseases, cancer and heart diseases.

Age

From **20 years** old to **70 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

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

Etics committee in Research of University

Street address

Tehran University of Medical Sciences, Research
Deputy

City

Tehran

Postal code

Approval date

2012-08-14, 1391/05/24

Ethics committee reference number

91-01-27-17716-61438

2

Ethics committee

Name of ethics committee

Etics Committee in Research of Tehran University of
Medical Siences

Street address

Research Deputy, Trehan University of Medical
Sciences,

City

Tehran

Postal code

Approval date

2012-11-04, 1391/08/14

Ethics committee reference number

91-01-27-17716-61438

Health conditions studied

1

Description of health condition studied

Adult with Active Rheumatoid Arthritis

ICD-10 code

M06.8

ICD-10 code description

Other specified Rheumatoid Arthritis

Primary outcomes

1

Description

Pain

Timepoint

Before and after intervention

Method of measurement

Visual analogue scales

2

Description

Number of inflammated joints

Timepoint

Before and after intervention

Method of measurement

Examintion

3

Description

Morning stiffness

Timepoint

Before and after intervention

Method of measurement

Examintion

4

Description

Global physician assesment

Timepoint

Before and after intervention

Method of measurement

Examintion

5

Description

Sistolic Blood pressure

Timepoint

Before and after intervention

Method of measurement

Sphygmomanometer

6

Description

Distolic Blood pressurs

Timepoint

Before and after intervention
Method of measurement
Sphygmomanometer

Secondary outcomes

1

Description

BMI

Timepoint

Before and after intervention

Method of measurement

weight/height²

2

Description

Waist Circumference

Timepoint

Before and after study

Method of measurement

Tape

Intervention groups

1

Description

taking Ginger supplement, 1600 miligram (2* 800 milligrams capsules ginger powder per day. during 3 months (12 weeks)

Category

Treatment - Other

2

Description

taking Placebo, 1600 miligram (2* 800 milligrams capsules) Starch powder per day during 3 months (12 weeks).

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Rheumatology Research Centre

Full name of responsible person

Professore Dr Farhad Shahram

Street address

Hospital Shariaty, Aleahmad street

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research, Tehran University of Medical Sciences

Full name of responsible person

Mrs Ahadi

Street address

Tehran University of Medical Sciences, Keshavarz Bld - intersection of Qods street

City

Tehran

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, Tehran 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

Tums(Tehran University of Medical Sciences)

Full name of responsible person

Naheed Aryaeian

Position

Assistant Professor/PhD in Nutrition

Other areas of specialty/work

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Name of organization / entity

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Full name of responsible person

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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