

Clinical Trial Protocol

Iranian Registry of Clinical Trials

22 Jul 2026

Evaluation the efficacy of Ubiquinon on Angiogenic growth factors in patients with gastric cancer

Protocol summary

Summary

Main goal: evaluation the efficacy of Ubiquinon on Angiogenic growth factors in patients with Gastric cancer. Inclusion criteria: age between 25 to 75 years old; healthy function of liver and kidney; gastric cancer diagnosis. Exclusion criteria: chemotherapy; food supplement or other dietary regimen; diabetes mellitus. Patients with gastric cancer who referred to Shafa hospital under supervision of oncologist will be recruited in this study. Sample size in each group will be 30. All of them before chemotherapy are divided in two groups and then under the supervision of dietitian will be under supplementation with 200 mg Coenzyme Q10. 5 cc blood from all participant will obtain and blood keep in -30 C until analysis, for analyzing following parameters: Hepatic Growth Factor, Matrix MetalloProteinase 2, Plasminogen Activator Inhibitor 1, Vascular cell adhesion protein 1, Transforming Growth Factor-B, Basic Fibroblast Growth Factor.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016100426390N2**
Registration date: **2016-10-22, 1395/08/01**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2016-10-22, 1395/08/01

Registrant information

Name

Ehsan Ghaedi

Name of organization / entity

Ahwaz Jundishapoor ,University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 61 3374 3285

Email address

ghaedi.e@ajums.ac.ir

Recruitment status

Recruitment complete

Funding source

Ahwaz Jundishapour University of Medical Sciences

Expected recruitment start date

2016-12-21, 1395/10/01

Expected recruitment end date

2017-09-23, 1396/07/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Evaluation the efficacy of Ubiquinon on Angiogenic growth factors in patients with gastric cancer

Public title

Effect of Coenzyme Q10 on Gastric cancer

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: age between 25 to 75 years old; healthy function of liver and kidney; gastric cancer diagnosis. Exclusion criteria: chemotherapy; food supplement or other dietary regimen; diabetes mellitus.

Age

From **25 years** old to **75 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
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ahwaz Jondishapoor Uneversity of Medical Sciences

Street address

Ahwaz, Golestan Blvd, AJUMS

City

Ahwaz

Postal code

Approval date

2016-04-23, 1395/02/04

Ethics committee reference number

IR.AJUMS.REC.1395.81

Health conditions studied

1

Description of health condition studied

Gastric cancer

ICD-10 code

C16

ICD-10 code description

Malignant neoplasm of stomach

Primary outcomes

1

Description

Hepatic Growth Factor

Timepoint

before and after intervention

Method of measurement

Labaratory Kits,

2

Description

Matrix Metalloproteinase 2

Timepoint

before and after intervention

Method of measurement

Labaratory Kits,

3

Description

Plasminogen Activator Inhibitor 1

Timepoint

before and after intervention

Method of measurement

Labaratory Kits,

4

Description

Vascular cell adhesion protein 1

Timepoint

before and after intervention

Method of measurement

Labaratory Kits,

5

Description

Transforming Growth Factor beta

Timepoint

before and after intervention

Method of measurement

Labaratory Kits,

6

Description

Basic Fibroblastic Growth Factor

Timepoint

before and after intervention

Method of measurement

Labaratory Kits,

Secondary outcomes

1

Description

Weight

Timepoint

before and after intervention

Method of measurement

Scale

Intervention groups

1

Description

Patients will experience CoenzymeQ10 200 mg supplementation under supervision of dietition for 3

month intervention group

Category

Treatment - Drugs

2

Description

Patients in control group will take placebo in the same number as intervention group for 3 month.

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Shafa Hospital

Full name of responsible person

Dr. Ahmadzade, Oncologist

Street address

Shafa Hospital, Farvardin Street, Golestan Bolvard, Ahwaz

City

Ahwaz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Ahwaz Jundishapur University of Medical Science

Full name of responsible person

Sharif Makhmalzadeh

Street address

Ahwaz, Ajums

City

Ahwaz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Ahwaz Jundishapur University of Medical Science

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

Ahwaz Jundishapur University of Medical Science

Full name of responsible person

Ahmad Ahmadzadeh

Position

Oncologist

Other areas of specialty/work

Street address

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Email

crc@ajums.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Cancer research Center

Full name of responsible person

Ehsan Ghaedi

Position

Nutritionist

Other areas of specialty/work

Street address

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Person responsible for updating data

Contact

Name of organization / entity

Cancer Research Center

Full name of responsible person

Ehsan Ghaedi

Position

Nutritionist

Other areas of specialty/work

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Postal code

Phone

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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