

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Jul 2026

The Effect of Angiotensin Converting Enzyme Inhibitor on the Quality of Life of Non Hospitalized Patients With Cancer Cachexia

Protocol summary

Summary

The present study has been designed with the aim of investigation of the effects of Angiotensin Converting Enzyme Inhibitor (ACEI) on the Quality of Life of non-hospitalized patients with cancer cachexia. In a single-blinded randomized case controlled trial, 40 patients with gastric cancer in cancer cachexia aged 40-80 years old who referred to our clinics will be randomized into two groups. The patients will be randomized using a computer-based random digit generator based on the registration number of the patients (on the order of refer). In group A patients will be assigned to receive ACEI (Captopril) starting with 6.25 mg three times of day and increasing if tolerated to 12.5 mg two or three times of day and group B subjects will be served as controls and will be received placebo (starch pill). In order to obtain the values for the effect of ACEI on the quality of life of patients with Cancer Cachexia, they will be asked questions in order to fill out (quality of life) QLQ-C30 questionnaire 3 times; baseline, 1 and 2 months after first visit.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2014050511375N3**

Registration date: **2014-10-23, 1393/08/01**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2014-10-23, 1393/08/01

Registrant information

Name

pouya farhadi

Name of organization / entity

Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

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+98 71 1625 4206

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Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2013-10-01, 1392/07/09

Expected recruitment end date

2014-04-30, 1393/02/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Angiotensin Converting Enzyme Inhibitor on the Quality of Life of Non Hospitalized Patients With Cancer Cachexia

Public title

The Effect of Angiotensin Converting Enzyme Inhibitor on the Quality of Life of Non Hospitalized Patients With Cancer Cachexia in Shiraz University Clinics

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion Criteria: Patients with aged 40-80 years old; Patients with BMI less 18 and those with muscle wasting or only temporal wasting. Exclusion Criteria: Patients unable to continue the treatment; Patients with BMI more 18 without temporal or muscle wasting; Those with GFR

less 50 ml/min; Positive history of other co-morbidity diseases; Patients with Hb less 9; Patients unavailable for or incapable of filling out questionnaires at different intervals.

Age

From **40 years** old to **80 years** old

Gender

Both

Phase

3

Groups that have been masked

No information

Sample size

Target sample size: **40**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Used

Assignment

Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Shiraz University of Medical Sciences

Street address

Shiraz university of medical sciences Building - 7th floor - Zand Ave.

City

Shiraz

Postal code

Approval date

2013-09-15, 1392/06/24

Ethics committee reference number

CT-P-92-3059

Health conditions studied

1

Description of health condition studied

Gastric cancer

ICD-10 code

C16.9

ICD-10 code description

Malignant neoplasm of stomach

Primary outcomes

1

Description

Quality of life

Timepoint

Before and 1 month and 2 months after intervention

Method of measurement

QLQ-C30 questionnaire

Secondary outcomes

1

Description

Body Mass Index

Timepoint

Before and 1 month and 2 months after intervention

Method of measurement

By BMI Formula

Intervention groups

1

Description

Intervention group will be administrated Captopril

Category

Treatment - Drugs

2

Description

Control group will be received placebo (starch pill)

Category

Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center

Clinics of Shiraz university of Medical Sciences

Full name of responsible person

Street address

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shiraz University of Midical Sciences

Full name of responsible person

Basir Hashemi

Street address

Shiraz university of medical sciences, Zand Ave

City
Shiraz
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Shiraz 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
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Person responsible for updating data

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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