

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Jul 2026

The protective effect of curcumin on the side effects of anticancer drugs in chemotherapy

Protocol summary

Summary

The aim of this study was to evaluate the protective effect of curcumin using different quality of life indicators and blood parameters affecting liver and kidney damage induced by anticancer drugs in chemotherapy. The aim of this study is to investigate the incidence of all cancer patients from May 1395 to December 1395 were treated and their disease has been in medical records and have been in operation for 10 days since their last surgery and are able to move or perform their normal activities. Also, all patients who were unavailable due to the lack of referral to their information center were excluded, and those who did not wish to cooperate during the course of the study to answer the questionnaire questions and conduct blood tests were excluded. The study population was divided into 80 cancer patients treated with chemotherapy drugs that were divided into two groups of controls treated with curcumin. And then subjected to treatment with a dose of 600 mg curcumin for 9 weeks and 12 hours.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201708021165N23**

Registration date: **2017-10-27, 1396/08/05**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2017-10-27, 1396/08/05

Registrant information

Name

Yunes Panahi

Name of organization / entity

Baqiyatallah University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 21 8821 1524

Email address

yunespanahi@bmsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Baghiyyatollah University of Medical Sciences

Expected recruitment start date

2016-04-20, 1395/02/01

Expected recruitment end date

2016-10-22, 1395/08/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The protective effect of curcumin on the side effects of anticancer drugs in chemotherapy

Public title

The protective effect of curcumin on the side effects of anticancer drugs in chemotherapy

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: Cancer patients treated between May 2016 and December 2016; Ten days after the last surgery; able to move or perform their normal activities; Exclusion criteria: Failure to return to the center during the course of treatment; Failure to cooperate in blood tests; Patient's death.

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 80

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Baqiyatallah Medical Sciences University

Street address

Mulla sadra Street in Tehran.

City

tehran

Postal code**Approval date**

2017-04-03, 1396/01/14

Ethics committee reference number

ir.tums.ikhc.rec.13963.2008

Health conditions studied**1****Description of health condition studied**

Cancer patients treated with chemotherapy

ICD-10 code

Z09.2

ICD-10 code description

Follow-up examination after chemotherapy for other conditions

Primary outcomes**1****Description**

liver damage

Timepoint

Baseline, three months after the start of the intervention

Method of measurement

Questionnaire

2**Description**

renal damage

Timepoint

Baseline, three months after the start of the intervention

Method of measurement

Questionnaire

3**Description**

Changes in blood enzymes

Timepoint

Baseline, three months after the start of the intervention

Method of measurement

Questionnaire

Secondary outcomes**1****Description**

Reduce the quality of life

Timepoint

Baseline, three months after the start of the intervention

Method of measurement

Questionnaire

Intervention groups**1****Description**

Patients of the treatment group will receive Curcumin capsule (600 mg) every 12 hours for 9 weeks.

Category

Treatment - Drugs

2**Description**

Patients in the control group will receive placebo every 12 hours, for 9 weeks.

Category

Placebo

Recruitment centers**1****Recruitment center****Name of recruitment center**

Baghiyyatollah University of Medical Sciences

Full name of responsible person

Yunes Panahi

Street address

Baghiyyatollah University of Medical Sciences

City

tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Baghiyyatollah University of Medical Sciences

Full name of responsible person

Dr. Seyyed Hassan Saadat

Street address

tehran

City

tehran

Grant name**Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Baghiyyatollah 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**

Baqiyatallah University of Medical Sciences

Full name of responsible person

Dr.YunesPanahi

Position

Pharmacy dr

Other areas of specialty/work**Street address**

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Web page address

Person responsible for scientific inquiries

Contact**Name of organization / entity**

Baqiyatallah University of Medical Sciences

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Position

Dr.pharmacy

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Person responsible for updating data

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Mazandaran University of Medical Sciences

Full name of responsible person

Hossein Amirfakhrian

Position

Master of Radiopharmacy

Other areas of specialty/work**Street address**

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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