

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### The Effect of Chamomile on anxiety and depression in cancer patients treated with chemotherapy

#### Protocol summary

##### Summary

This study will be a single blind clinical trial. The study population included patients with cancer referred to chemotherapy will be 22 Bahman hospital in neyshabur. The sampling will be easy and accessible and Patients were randomly divided into intervention (55) and control (55 persons) groups. At the beginning of the study, the anxiety and depression levels of patients in both groups were measured by Beck anxiety and depression questionnaires. The intervention group will be asked to use chamomile tea once a day for 2 weeks. There is no intervention in the control group. After the intervention, both groups will fill the questionnaire mentioned.

#### General information

##### Acronym

Chamomile's Effect on Anxiety and Depression in Cancer Patients

##### IRCT registration information

IRCT registration number: **IRCT2017101422218N3**

Registration date: **2017-11-08, 1396/08/17**

Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2017-11-08, 1396/08/17

##### Registrant information

###### Name

Vahid Moeini Ghamchini

###### Name of organization / entity

Neyshabour University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 51 4261 4062

##### Email address

v.moinighamchini@arakmu.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Neyshabur University of Medical Sciences

##### Expected recruitment start date

2017-10-12, 1396/07/20

##### Expected recruitment end date

2017-12-01, 1396/09/10

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The Effect of Chamomile on anxiety and depression in cancer patients treated with chemotherapy

##### Public title

The Effect of Chamomile tea on anxiety and depression in cancer patients treated with chemotherapy

##### Purpose

Supportive

##### Inclusion/Exclusion criteria

Inclusion Criteria: Diagnosis of cancer and chemotherapy ; Age between 18 to 65; Willingness to participate voluntarily in the study; The absence of mood disorder such as depression and anxiety previously known; Do not treat with psychosocial drugs; The condition of the patient be stable and the Oncology physician enters the patient into the study. Exclusion criteria: having reaction to Chamomile consumption; No tendency to continue the study; Patient death

##### Age

From **18 years** old to **65 years** old

##### Gender

Both

## Phase

N/A

## Groups that have been masked

No information

## Sample size

Target sample size: **110**

## 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

Neyshabur University of Medical Sciences

##### Street address

Neyshabur University of Medical Sciences

##### City

Neyshabur

##### Postal code

#### Approval date

2017-08-15, 1396/05/24

#### Ethics committee reference number

IR.NUMS.REC.1396.13

## Health conditions studied

### 1

#### Description of health condition studied

cancer patients

#### ICD-10 code

C80.9

#### ICD-10 code description

Malignant neoplasm, unspecified

## Primary outcomes

### 1

#### Description

depression and anxiety

#### Timepoint

two weeks

#### Method of measurement

beck questionnaire

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

The intervention group will receive once in day for two weeks chamomile tea

#### Category

Treatment - Drugs

### 2

#### Description

There is no intervention in the control group for patients.

#### Category

N/A

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

The chemotherapy department, 22 Bahman  
Neyshabur Hospital

##### Full name of responsible person

Vahid Moeini Ghamchini

##### Street address

##### City

Neyshabur

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Neyshabur University of Medical Sciences

##### Full name of responsible person

seyed reza mirhafez

##### Street address

Neyshabur University of Medical Sciences

##### City

Neyshabur

#### Grant name

#### Grant code / Reference number

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

Yes

#### Title of funding source

Neyshabur 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**

Neyshabur University of Medical Sciences

**Full name of responsible person**

Vahid Moeini Ghamchini

**Position**

Master of nursing/Faculty member

**Other areas of specialty/work**

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## Person responsible for updating data

### Contact

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**Full name of responsible person**

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## Person responsible for scientific inquiries

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**Full name of responsible person**

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**Position**

Master of nursing

**Other areas of specialty/work**

**Street address**

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**City**

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**Postal code**

## 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*