

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

01 Jun 2026

### The effect of Jasmine aromatherapy with or without massage therapy on severity of the common signs in cancer patients undergoing chemotherapy

#### Protocol summary

##### Summary

This is a randomized clinical trial study to investigate the effect of Jasmine aromatherapy with or without massage therapy on severity of the common signs in cancer patients undergoing chemotherapy. Study will be conducted in Amir Hospital of Shiraz and from November 2015 to January 2016. Seventy five patients who have been received chemotherapy will be divided randomly in three groups of aromatherapy (group 1), massage therapy (group 2) and aroma massage therapy (group 3). Each group contains twenty five patients. All subjects will be received interventions twice a week for four weeks; on average each 2.5 days. In a group 1 aroma of Jasmine will be distributed in a room by humidifier and inhaled for one hour, while diluted oil will be rubbed on a site of pain and remained in this time, In a group 2 about 20 minutes Swedish massage (effleurage) with almond oil will be applied and in a group 3 Jasmine oil used as a lubricant for massage. Tools for assessing variables of this study are: FACT-GOG questionnaire for neuropathy, MASCC Anti Emetic Tool for nausea and vomiting, Brief Pain Inventory for pain and Schwart's Fatigue Scale for fatigue. Patients will complete questionnaires in accordance with their structure: -nausea and vomiting, fatigue, pain: 1 hour before each intervention, 24 hour and 48 hour after each intervention; - neuropathy: 1 hour before and 7 days after each intervention

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2015102824757N1**  
Registration date: **2015-11-12, 1394/08/21**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2015-11-12, 1394/08/21

##### Registrant information

###### Name

Marziyeh Mohebbi

###### Name of organization / entity

Yasuj University of Medical Sciences

###### Country

Iran (Islamic Republic of)

###### Phone

+98 74 3323 5141

###### Email address

marziyeh.mohebi@yums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Research Council of Yasuj University of Medical sciences

##### Expected recruitment start date

2015-11-11, 1394/08/20

##### Expected recruitment end date

2016-01-10, 1394/10/20

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The effect of Jasmine aromatherapy with or without massage therapy on severity of the common signs in cancer patients undergoing chemotherapy

##### Public title

Comparison of aroma massage therapy in cancer patients

## Purpose

Supportive

## Inclusion/Exclusion criteria

inclusion criteria: who had been received chemotherapy include Oxaliplatin or Cisplatin; have experienced at least minimum symptoms of neuropathic pain and nausea and vomiting and pain and fatigue; filled in patient's consent; aged above 16 years; Platelet above 50000; WBC more than 2500; positive olfactory test; negative sensitivity test and Exclusion criteria are: disorientation to time and place and person; known mental disorder; DVT; coagulation disorder; skin problem; bone fraction and extensive bruise

## Age

From **16 years** old

## Gender

Both

## Phase

N/A

## Groups that have been masked

*No information*

## Sample size

Target sample size: **75**

## Randomization (investigator's opinion)

N/A

## Randomization description

## Blinding (investigator's opinion)

Not blinded

## Blinding description

## Placebo

Not used

## Assignment

Parallel

## Other design features

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Yasuj University of Medical sciences

##### Street address

Research Management of Yasuj University of Medical Sciences, Research and Technology Deputy of Yasuj University of Medical Sciences, Shahid Motahary Blvd., Yasuj, Iran

##### City

Yasuj

##### Postal code

00987591741417

##### Approval date

2015-10-20, 1394/07/28

##### Ethics committee reference number

yums.REC.1394.90

## Health conditions studied

### 1

#### Description of health condition studied

neoplasms

#### ICD-10 code

C00, C01,

#### ICD-10 code description

Malignant neoplasms

## Primary outcomes

### 1

#### Description

nausea and vomiting

#### Timepoint

1hour before,24 hours and 2 days after intervention

#### Method of measurement

MASCC Anti Emetic Tool

### 2

#### Description

Fatigue

#### Timepoint

1 hour before each intervention, 24 hour and 48 hour after each intervention

#### Method of measurement

Schwartz's Fatigue Scale

### 3

#### Description

pain

#### Timepoint

1 hour before each intervention, 24 hour and 48 hour after each intervention

#### Method of measurement

Brief Pain Inventory

### 4

#### Description

neuropathy

#### Timepoint

1 hour before and 7 days after each intervention

#### Method of measurement

FACT-GOG questionnaire for neuropathy

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

group 1 or aromatherapy: meanwhile the aroma of Jasmine will be distributed in a room by humidifier and

inhaled for one hour, diluted oil will be rubbed on a site of pain and remained in this time.

**Category**

N/A

**2**

**Description**

In a group 2 or massage therapy: about 20 minutes Swedish massage (effleurage) with almond oil will be applied

**Category**

N/A

**3**

**Description**

In a group 3 or massage aromatherapy: about 20 minutes Swedish massage (effleurage) with Jasmine oil will be applied

**Category**

N/A

**Recruitment centers**

**1**

**Recruitment center**

**Name of recruitment center**

Amir Hospital of Shiraz

**Full name of responsible person**

Doctor Mehdi Akbartabar turi

**Street address**

Research Management of Yasuj University of Medical Sciences, Research and Technology Deputy of Yasuj University of Medical Science, Shahid Motahary Blvd., Yasuj

**City**

Yasuj

**Sponsors / Funding sources**

**1**

**Sponsor**

**Name of organization / entity**

Yasuj University of Medical sciences

**Full name of responsible person**

Doctor Mehdi Akbartabar turi

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Research Management of Yasuj University of Medical Sciences, Research and Technology Deputy of Yasuj University of Medical Sciences, Shahid Motahary Blvd., Yasuj, Iran

**City**

Yasuj

**Grant name**

**Grant code / Reference number**

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

Yes

**Title of funding source**

Yasuj 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**

Yasuj University of Medical Sciences

**Full name of responsible person**

Dr. Ardashir Afrasiabifar

**Position**

Ph.D of Medical Surgical Nursing- Associate Professor

**Other areas of specialty/work**

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## Person responsible for updating data

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**Position**

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**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*