

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

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Iran (Islamic Republic of)

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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

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Yasuj University of Medical sciences

Full name of responsible person

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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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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