Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 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

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Marziyeh Mohebbi
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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 Oxaliplatine or Cisplatine; 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
Schwart'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 oill 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

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Yasuj University of Medical sciences

Full name of responsible person

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City

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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

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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