Clinical Trial Protocol
Iranian Registry of Clinical Trials

18 Sep 2026

The Effect of Foot Reflexology on Quality of Life in Patients with Chemotherapy-Induced Neuropathy in Colorectal Cancer who Admitted in Emam Hossein Hospital at Shahid Beheshti University of Medical Sciences in 1396

Protocol summary

Summary

The aim of this study was to investigate the effect of foot reflexology massage on the quality of life of patients with chemotherapy induced neuropathy in colorectal cancer patients admitted to Imam Hossein Hospital affiliated to Shahid Beheshti University of Medical Sciences Study Design: This study is an interventional and experimental. Study population: Patients with cancer who referred to Imam Hossein Hospital's oncology department Major entry criteria: Patients with colorectal cancer who are chemically treated with the specified regimens (taksans, platinum compounds, and vinca alkaloids). The diagnosis of colorectal cancer is done by a pathologist and cancer specialist. Neuropathy is diagnosed by a cancer specialist. Main criteria for withdrawal: Cause of any complications and illness in the patient's legs during the study Acute infectious diseases during the study Dismissing the patient and losing the research sample Sample size: 80 Intervention: Foot reflexology Time of intervention: Performing foot reflexology massage for 10 minutes for each leg and a total of 20 minutes for both legs in 4 periods of chemotherapy at intervals of 2 weeks Primary outcomes or outcomes of the study: Improving the quality of life

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017021632607N1**
Registration date: **2017-08-04, 1396/05/13**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2017-08-04, 1396/05/13

Registrant information

Name

Hesam Gholamzadeh

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 938 413 0204

Email address

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Recruitment status

Recruitment complete

Funding source

According to Shahid Beheshti University of Medical Sciences regulations

Expected recruitment start date

2017-08-23, 1396/06/01

Expected recruitment end date

2018-02-20, 1396/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Foot Reflexology on Quality of Life in Patients with Chemotherapy-Induced Neuropathy in Colorectal Cancer who Admitted in Emam Hossein Hospital at Shahid Beheshti University of Medical Sciences in 1396

Public title
The Effect of Foot Reflexology on Quality of Life
Purpose
Supportive
Inclusion/Exclusion criteria
Inclusion criteria: Patients with colorectal cancer who are chemically treated with the specified regimens (taksans, platinum compounds, and vinca alkaloids); The diagnosis of colorectal cancer is done by a pathologist and cancer specialist; Neuropathy is diagnosed by a cancer specialist. Exclusion criteria: Cause of any complications and illness in the patient's legs during the study; Acute infectious diseases during the study; Dismissing the patient and losing the research sample.
Age
From **18 years** old to **99 years** old
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)
Not blinded
Blinding description
Placebo
Not used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Shahid Beheshti University of Medical Sciences, Faculty of Nursing and Midwifery
Street address
Shahid Beheshti University of Medical Sciences, Faculty of Nursing and Midwifery, Niayesh Crossroad, Vali Asr avenue, Tehran, Iran
City
Tehran
Postal code
Approval date
2017-07-01, 1396/04/10
Ethics committee reference number
IR.SBMU.PHNM.1396.773

Health conditions studied

1

Description of health condition studied
Colon and Rectum cancer
ICD-10 code
C19, C20,
ICD-10 code description
Malignant neoplasm of rectosigmoid junction, Malignant neoplasm of anus and anal canal, Malignant neoplasm of rectum

Primary outcomes

1

Description
Quality of life
Timepoint
Before the intervention and at the next session immediately before the intervention, the questionnaires will be completed by the test group.
Method of measurement
European Organisation for Research and Treatment of Cancer quality of life questionnaries

Secondary outcomes

empty

Intervention groups

1

Description
For intervention group, 4 sessions (two steps), foot reflexology massage (massage techniques and foot exercises) for 20 minutes, two weeks apart.
Category
Lifestyle

2

Description
The control group will receive standard cares of center.
Category
Lifestyle

Recruitment centers

1

Recruitment center
Name of recruitment center
Emam Hossein medical and educational center
Full name of responsible person
Mahnaz Ilkhani, Ph.D. in Nursing, Assistant Professor
Street address
Tehran, Shahid Madani Avenue, Imam Hossein Hospital
City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Shahid Beheshti University of Medical Sciences

Full name of responsible person

DR Mahrokh Dolatian

Street address

Shahid Beheshti University of Medical Sciences, Faculty of Nursing and Midwifery, Niayesh Crossroad, Vali Asr avenue, Tehran, Iran

City

Tehran

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Shahid Beheshti 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

Shahid Beheshti University of Medical Sciences

Full name of responsible person

Hesam Gholamzadeh

Position

MSN student

Other areas of specialty/work

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Person responsible for updating data

Contact

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Full name of responsible person

Hesam Gholamzadeh

Position

MSN Student

Other areas of specialty/work

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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