

Clinical Trial Protocol

Iranian Registry of Clinical Trials

10 Jun 2026

The Effect OF Massage With And Without Aromatic Oils On Pruritus Relife In Hemodialysis Patient

Protocol summary

Summary

One of the most prevalent problems in patients with ESRD with hemodialysis is the pruritus. The aim of this study also was to evaluate the effect of massage with/without aromatic oils on the pruritus relief of the patients undergoing hemodialysis. This was a clinical trial study which cross-sectionally conducted in dialysis centers of Isfahan. Sampling was random sampling method. The study samples randomly divided into two groups. In the aromatic oil method, the aromatic oils combined from 3-5ml of lavender, mint and tea tree oils with 5% purity and in the non-aromatic oils method also sweet almond oil was used.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201303093560N2**

Registration date: **2013-05-08, 1392/02/18**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2013-05-08, 1392/02/18

Registrant information

Name

Nahid Shahgholian

Name of organization / entity

Isfahan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 31 1792 2940

Email address

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Recruitment status

Recruitment complete

Funding source

Research Center in Isfahan University of Medical Sciences

Expected recruitment start date

2009-05-24, 1388/03/03

Expected recruitment end date

2009-05-27, 1388/03/06

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect OF Massage With And Without Aromatic Oils On Pruritus Relife In Hemodialysis Patient

Public title

The Effect OF Massage With And Without Aromatic Oils On Pruritus Relife In Hemodialysis Patient

Purpose

Treatment

Inclusion/Exclusion criteria

All the patients undergo hemodialysis for more than 3 months. They underwent hemodialysis with bicarbonate solution. They had pruritus during two weeks before start sampling and had not taken any medication for pruritus relief and had no cutaneous problem except uremic pruritus they had excluded from the study, if the patient underwent kidney transplantation during the study or had sensitivity to aromatic oils or provided that it was decided to set the fistula in the hand.

Age

From **18 years** old to **85 years** old

Gender

Both

Phase

N/A

Groups that have been masked
No information

Sample size
Target sample size: 40

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
Isfahan University of Medical Sciences

Street address
Isfahan University of Medical Sciences, Hezar Jerib street , Isfahan

City
Isfahan

Postal code

Approval date
2009-04-03, 1388/01/14

Ethics committee reference number
388155

Health conditions studied

1

Description of health condition studied

End stage renal disease

ICD-10 code

N18.5

ICD-10 code description

N18.5

Primary outcomes

1

Description

Pruritus

Timepoint

Before and after the massage

Method of measurement

Pruritus scores

Secondary outcomes

empty

Intervention groups

1

Description

Massage for 7 minutes during 12 steps with sweet almond oil on without fistula arm

Category

Treatment - Drugs

2

Description

Massage with aromatic oil implemented for 7 minutes during 12 steps using aromatic oils of peppermint, lavender and tea tree which reached to 5% dilution using sweet almond oil on without fistula arm

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center
Alzahra hospital

Full name of responsible person
Mahlagha Dehghan

Street address
Alzahra hospital-Sofo street-Isfahan

City
Isfahan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Isfahan University of Medical Sciences

Full name of responsible person
Fariba Taleghani

Street address
No 4, Isfahan University of Medical Sciences, Hezar Jerib street , Isfahan

City
Isfahan

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Isfahan 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

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Person responsible for general inquiries

Contact

Name of organization / entity
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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