Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

The Effect OF Massage With And Without Aromatic Oils On Pruritus Relife In Hemodialisis 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 from3-5ml of lavender, mint and tea tree oils with5% 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

shahgholian@nm.mui.ac.ir

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 Hemodialisis Patient

Public title

The Effect OF Massage With And Without Aromatic Oils On Pruritus Relife In Hemodialisis 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-Sofe 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

Person responsible for general inquiries

Contact

Name of organization / entity

Isfahan University of Medical Sciences

Full name of responsible person

Maryam kianpour

Position

Academic Member

Other areas of specialty/work

Street address

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

City

Isfahan

Postal code

Phone

00893117922934

Fax

Email

kianpour@mail.mui.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Isfahan University of Medical Sciences

Full name of responsible person

Nahid Shahgholian

Position

MSc

Other areas of specialty/work

Street address

School of Nursing and Midwifery, Isfahan University of Medical Sciences, Hezar Jerib street , Isfahan

City

Isfahan

Postal code

Phone

00893117922940

Fax

Email

shahgholian@nm.mui.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Isfahan University of Medical Sciences

Full name of responsible person

Nahid Shahgholian

Position

MSc

Other areas of specialty/work

Street address

School of Nursing and Midwifery, Isfahan University of Medical Sciences, Hezar Jerib street , Isfahan

City

Isfahan

Postal code

Phone

00893117922940

Fax

Email

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