

Clinical Trial Protocol

Iranian Registry of Clinical Trials

19 Sep 2026

Explanation of Hekka in the Iranian Medicine School and The Effect of Massage and Topical Rubbing of Violet oil on the severity of Pruritus in Hemodialysis Patients

Protocol summary

Summary

Objective: The aim of this study was to evaluate the effect of massage with and without violet oil on pruritus relief and quality of life in hemodialysis patients. **Design:** The study is designed for two groups of 24 people. **Setting and conduct:** At first, for two weeks, the severity of itching questionnaire is completed. Then, for two weeks, both groups are intervened. In the first group, only massage is performed and in the second group massage with topical use of 5% violet oil in almond oil base. The entry criteria for participants included in the study included ages 65-18, a history of more than three months of hemodialysis, non-use of other methods to heal itching during the study, itching within 2 weeks before starting the sampling. The exclude criteria for participants excluded from the study included the kidney transplantation during the study, the sensitivity to the oil used, the patient's dissatisfaction with the continuation of the plan. Interventions include massage and massage with topical use of violet oil. The main outcome variables include relieving the severity of pruritus and improving the quality of life of the patients.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017091334382N1**
Registration date: **2017-09-27, 1396/07/05**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2017-09-27, 1396/07/05

Registrant information

Name

Seyed Majid Ghazanfari

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 51 4423 1041

Email address

ghazanfarim941@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice Cancellor for Research, Mashhad University of Medical Sciences

Expected recruitment start date

2017-10-07, 1396/07/15

Expected recruitment end date

2018-06-05, 1397/03/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Explanation of Hekka in the Iranian Medicine School and The Effect of Massage and Topical Rubbing of Violet oil on the severity of Pruritus in Hemodialysis Patients

Public title

The Effect of Massage and Topical Rubbing of Violet oil on the severity of Pruritus in Hemodialysis Patients

Purpose

Treatment

Inclusion/Exclusion criteria

Entrance Criteria: 1. Age 18 - 65years 2. History of

hemodialysis over three months 3. Failure to use other methods to eliminate itching during the study 4. Lack of any skin problem causing itching 5. Itching within 2 weeks before starting the sampling 6. Severity of itching more than 3 Exit Criteria: 1. Patient's kidney transplantation during the study 2. Sensitivity to the oil used 3. Fistula in the study 4. The tendency to use other methods to reduce the severity of itching 5. Change the way the patient continues treatment 6. Personal decision of the patient to withdraw from the plan 7. Patient's dissatisfaction with the continuation of the plan 8. Itchy patient due to skin problem 9. Peritoneal dialysis 10. The patient's unwillingness to financially 11. Serum Phosphorus Level in Patient Tests 12. Serum hormone levels in the patient's parathormone variables 13. Serum blood level of blood urea nitrogen in patient's tests

Age
From **18 years** old to **65 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **48**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features
The randomization method is a random number table.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Mashhad University of Medical

Street address

Azadi Square, Ferdowsi University, Pardis, Mashhad
University of Medical Sciences, Faculty of Traditional
Medicine and Supplement

City

Mashhad

Postal code

Approval date

2017-08-12, 1396/05/21

Ethics committee reference number

IR.MUMS.REC.1396.174

Health conditions studied

1

Description of health condition studied

Pruritus in Hemodialysis Patients

ICD-10 code

(N17-N19)

ICD-10 code description

End stage kidney disease: on dialysis

Primary outcomes

1

Description

Severity of Pruritus

Timepoint

Before and after the study

Method of measurement

Pruritus Scale (VAS)

2

Description

skin dryness

Timepoint

Before and after the study

Method of measurement

questionnaire

Secondary outcomes

1

Description

Quality of life for patients with kidney disease

Timepoint

Before and after the study

Method of measurement

questionnaire

Intervention groups

1

Description

Massage without oil

Category

Treatment - Devices

2

Description

Massage with oil

Category

Treatment - Devices

Recruitment centers

1

Recruitment center

Name of recruitment center

Akhavan Dialysis Center

Full name of responsible person

Seyyed Majid Ghazanfari

Street address

Azadi Square, Ferdowsi University, Pardis, Mashhad
University of Medical Sciences, Faculty of Traditional
Medicine and Supplement

City

Mashhad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research, Mashhad University of
Medical

Full name of responsible person

Dr. Mohsen Tafaghodi, Research Vice Chancellor

Street address

Vice Chancellery for Research of Mashhad University
of

City

Mashhad

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice Chancellor for Research, Mashhad University of
Medical

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

Mashhad University of Medical Sciences, Faculty of
Traditional Medicine and Supplement

Full name of responsible person

Seyyed Majid Ghazanfari

Position

Persian Traditional Medicine Student

Other areas of specialty/work

Street address

Azadi Square, Ferdowsi University, Pardis, Mashhad

University of Medical Sciences, Faculty of Traditional
Medicine and Supplement

City

Mashhad

Postal code

Phone

+98 51 3884 8931

Fax

Email

Ghazanfarim941@mums.ac.ir

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Mashhad University of Medical Sciences, Faculty of
Traditional

Full name of responsible person

Ali Khorsand Vakilzadeh

Position

Assistant Professor

Other areas of specialty/work

Street address

Azadi Square, Ferdowsi University, Pardis, Mashhad
University of Medical Sciences, Faculty of Traditional
Medicine and Supplement

City

Mashhad

Postal code

Phone

+98 51 3884 8931

Fax

Email

khorsanda@mums.ac.ir

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Mashhad University of Medical Sciences, Faculty of
Traditional Medicine and Supplement

Full name of responsible person

Seyyed Majid Ghazanfari

Position

Persian Traditional Medicine Student

Other areas of specialty/work

Street address

Azadi Square, Ferdowsi University, Pardis, Mashhad
University of Medical Sciences, Faculty of Traditional
Medicine and Supplement

City

Mashhad

Postal code

Phone

00

Fax

Email

Ghazanfarim941@mums.ac.ir

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