

Clinical Trial Protocol

Iranian Registry of Clinical Trials

08 Jul 2026

Effect of slow stroke back massage on hemodialysis patient fatigue

Protocol summary

Summary

The purpose of this study is to determine the effect of back massage therapy by slow stroke procedure on Fatigue score in hemodialysis patients. This study is a randomized controlled trial. Participants will be 56 patients undergoing hemodialysis in Bou-Ali hospital in Ardebil. The main inclusion criteria is having medical record in Bou-Ali hospital in Ardebil and the main exclusion criteria is the fatigue score below 3 according to piper fatigue scale. First all the patients fill the fatigue scale. Then patients with fatigue score over 3, after giving conscious consent, will be divided into control or intervention group. Intervention group will receive massage therapy 3 days each week for 4 weeks. Control group will receive no specific intervention. 15 days and 4 weeks later, fatigue scale will be filled again by intervention group and 4 weeks later by control group. Fatigue scores will be compared between 2 groups and before and after intervention in each group.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201211046801N2**

Registration date: **2012-12-14, 1391/09/24**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2012-12-14, 1391/09/24

Registrant information

Name

Hadi Hassankhani

Name of organization / entity

Tabriz university of medical sciences and health services

Country

Iran (Islamic Republic of)

Phone

+98 41 1479 0364

Email address

hassankhanih@tbzmed.ac.ir

Recruitment status

Recruitment complete

Funding source

Tabriz university of medical sciences

Expected recruitment start date

2013-01-20, 1391/11/01

Expected recruitment end date

2013-02-19, 1391/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Effect of slow stroke back massage on hemodialysis patient fatigue

Public title

Effect of massage therapy on hemodialysis patient fatigue

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Dialysis patient who have medical documentary in dialysis ward and experience hemodialysis at least 3 months. Exclusion criteria: Fatigue score below 3.

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: 56

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

Tabriz University of medical sciences ethics committee

Street address

nursing and midwifery faculty of Tabriz

City

Tabriz

Postal code

51745347

Approval date

2010-08-20, 1389/05/29

Ethics committee reference number

91123

Health conditions studied

1

Description of health condition studied

fatigue in hemodialysis patient

ICD-10 code

Z99.2

ICD-10 code description

Dependence on renal dialysis

Primary outcomes

1

Description

Fatigue score

Timepoint

Once before intervention and again 15 days and 4weeks after intervention

Method of measurement

According to piper fatigue scale

Secondary outcomes

empty

Intervention groups

1

Description

In this study intervention group will receive slow stroke back massage 3 days each week for 1 month and every time for 10 minutes in hours between 15-19

Category

Rehabilitation

2

Description

control group will not receive any intervention

Category

N/A

Recruitment centers

1

Recruitment center

Name of recruitment center

Bouali Hospital of Ardabil

Full name of responsible person

Mina Nahamin - Msn student of care

Street address

Bouali Hospital, Saheli street

City

Ardebil

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tabriz University of medical sciences

Full name of responsible person

Dr Sakineh Mohammad Alizadeh

Street address

Nursing and Midwifery faculty, south Shariati S.

City

Tabriz

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Tabriz 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

Phone

+98 41 1477 0648

Fax**Email**

hassankhanih@tbzmed.ac.ir

Web page address**Person responsible for general inquiries****Contact****Name of organization / entity**

Tabriz University of medical sciences

Full name of responsible person

Dr Hadi Hassankhani

Position

Assistant Professor

Other areas of specialty/work**Street address**

Nursing and Midwifery faculty, south Shariati St.

City

Tabriz

Postal code**Phone**

+98 41 1477 0648

Fax**Email**

hassankhanih@tbzmed.ac.ir

Web page address**Person responsible for updating data****Contact****Name of organization / entity**

Tabriz university of medical sciences

Full name of responsible person

Mina Nahamin

Position

MS student of nursing

Other areas of specialty/work**Street address**

Nursing and Midwifery faculty of Tabriz

City

Tabriz

Postal code**Phone****Fax****Email**

mina.nahamin@yahoo.com

Web page address**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Tabriz University of medical sciences

Full name of responsible person

Dr Hadi Hassankhani

Position

Nursing PhD

Other areas of specialty/work**Street address**

Nursing and Midwifery faculty, south Shariaty St.

City

Tabriz

Postal code**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