Clinical Trial Protocol
Iranian Registry of Clinical Trials

12 Nov 2026

The effect of chromotherapy based interventions on Professional Quality of Life in the intensive care unites nurses

Protocol summary

Summary

The purpose of study: Determining of the effect of chromo therapy based interventions on professional quality of life in the intensive care units nurses of Imam Khomeyni Educational and Treatment Center in 2017 Intervention design: Randomized Population studied: The intensive care units nurses of Imam Khomeyni Educational and Treatment Center The main Inclusion criteria: Circulation shift; age range between 22-42; lack of physical illness and any condition that causes fatigue; having a bachelor's degree in nursing; non-use of specific drugs affecting fatigue. The main exclusion criteria: Unwillingness to participate in research; dissatisfaction or disgust with a particular color; having a physical illness Sample size: Eighty people, 40 persons (intervention group) and 40 people (control group). Intervention studied: The research intervention consisted of 3 components: 1- Establishing a workshop for nurses in the intervention group 2- Change in the decoration of the intervention group unite 3- Providing mobile phone cover for intervention group nurses. Time of intervention: Six sessions during 3 months. Main outcome measures: Professional quality of life.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2017101431588N3**
Registration date: **2017-10-31, 1396/08/09**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2017-10-31, 1396/08/09

Registrant information

Name

Haleh Ghavami

Name of organization / entity

Urmia University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 44 3275 4962

Email address

ghavami.h@umsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Investigator

Expected recruitment start date

2017-07-01, 1396/04/10

Expected recruitment end date

2018-01-20, 1396/10/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of chromotherapy based interventions on Professional Quality of Life in the intensive care unites nurses

Public title

The effect of chromotherapy based interventions on Professional Quality of Life in the intensive care unites nurses

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Circulation shift, age range 22-42, lack of physical illness or any condition that causes fatigue, having a bachelor's degree in nursing, non-use of certain

drugs that are effective on fatigue Exclusion criteria: Unwillingness to participate in the research, dissatisfaction or disgust with a particular color, having a physical illness

Age
From **21 years** old to **42 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
Ethics committee of Urmia University of Medical Sciences

Street address
Orjhans Street, Resalat Blvd, Urmia

City
Urmia

Postal code

Approval date
2017-05-10, 1396/02/20

Ethics committee reference number
IR.umsu.rec.1396.63

Health conditions studied

1

Description of health condition studied
Professional Quality of Life

ICD-10 code
Y98

ICD-10 code description
Lifestyle-related condition

Primary outcomes

1

Description
Professional Quality of Life

Timepoint
Before and after intervention

Method of measurement
Professional Quality of Life Scale

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: The research intervention consisted of 3 components: 1- Establishing a workshop for nurses in the intervention group 2- Change in the decoration of the intervention group unite 3- Providing mobile phone cover for intervention group nurses. Time of intervention: Six sessions during 3 months.

Category
Prevention

2

Description
Control group: No intervention received

Category
Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center
Imam Khomeyni Educational and Treatment Center

Full name of responsible person
Rogiyeh Emani

Street address

City
Urmia

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for research,Urmia University of Medical Sciences

Full name of responsible person
Iraj Mohebbi

Street address
Orjhans Street, Resalat Blvd

City

Urmia

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,Urmia 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

Urmia University of Medical Sciences

Full name of responsible person

Haleh Ghavami

Position

Assistant Professor

Other areas of specialty/work

Street address

Pardis Nazlou, 11 km of Nazlou Road,Urmia,Iran

City

Urmia

Postal code

Phone

+98 44 3275 4962

Fax

Email

haleh_ghavami@yahoo.co.uk

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Urmia University of Medical Sciences

Full name of responsible person

Haleh Ghavami

Position

Assistant Professor

Other areas of specialty/work

Street address

Pardis Nazlou, 11 km of Nazlou Road,Urmia,Iran

City

Urmia

Postal code

Phone

+98 44 3223 4897

Fax

Email

haleh_ghavami@yahoo.co.uk

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Urmia University of Medical Sciences

Full name of responsible person

Haleh Ghavami

Position

Assistant Professor

Other areas of specialty/work

Street address

Pardis Nazlou, 11 km of Nazlou Road,Urmia,Iran

City

Urmia

Postal code

Phone

+98 44 3223 4897

Fax

Email

haleh_ghavami@yahoo.co.uk

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