Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 2026

The Effect of Motivational Interviewing (MI) on Adherence to Therapy in COPD patients

Protocol summary

Summary

This study is performed to determine the Effect of Motivational Interviewing (MI) on Adherence to Therapy in COPD patients. This study is a clinical trial of two groups, before and after treatment that was done in Masih Daneshvari and Baghiyatallah hospital on 60 patients that was done randomly (four-blocks) and was divided into two groups. The studies population includes the patient suffering from chronic obstructive pulmonary disease who where less than 65 and the exclusion criteria was suffering others disease. In intervention group: during hospitalization, Motivational Interviewing is done by the interviewer over two days and then instructing the disease and life style is done in the third day. In control group: during hospitalization instructing the disease and life style is received in one day. Before doing native questionnaire intervention, adherence to treatment among chronic patient and the Morisky 8-Item Medication Adherence Questionnaire will be given to the sick and then one and two months later the questionnaire will be given to them. The Motivational Interviewing session in recorded and will be shown to the expert. The fascicle of instructing the disease and life style will be confirmed by the experts.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201604128650N7**
Registration date: **2016-07-27, 1395/05/06**
Registration timing: **registered_while_recruiting**

Last update:
Update count: **0**

Registration date

2016-07-27, 1395/05/06

Registrant information

Name
Abbas Ebadi
Name of organization / entity
Baqiyatallah University of Medical Sciences
Country
Iran (Islamic Republic of)
Phone
+98 21 2228 6057
Email address
ebadi1347@bmsu.ac.ir

Recruitment status

Recruitment complete

Funding source

Baqiyatallah University of Medical Sciences

Expected recruitment start date

2016-02-20, 1394/12/01

Expected recruitment end date

2016-08-21, 1395/05/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Motivational Interviewing (MI) on Adherence to Therapy in COPD patients

Public title

The Effect of Motivational Interviewing (MI) on Adherence to Therapy in COPD patients

Purpose

Prevention

Inclusion/Exclusion criteria

The inclusion criteria: diagnosed COPD by specialist or internist; the minimum age of 20 and maximum age of 65 years old; no other underlying diseases such as stroke and diabetes; speaking persian to communicate better

with patients; access and follow up for 8 weeks; no history of mental illness and Alzheimer's disease; at least reading and writing literacy to fill out the questionnaire. Exclusion criterion: physically and mentally debilitating complications during the study.

Age
From **20 years** old to **65 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **60**

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
Baqiyatallah University of Medical Sciences

Street address
4th Floor, Nursing Faculty, Baqiyatallah University of Medical Sciences, P.O.Box: 19575174

City
Tehran

Postal code

Approval date
2016-01-11, 1394/10/21

Ethics committee reference number
IR.BMSU.REC.1394.220

Health conditions studied

1

Description of health condition studied
Chronic obstructive pulmonary disease

ICD-10 code
J44

ICD-10 code description
Other chronic obstructive pulmonary disease

Primary outcomes

1

Description
Adherence to treatment

Timepoint
Pre intervention and one and two months after intervention

Method of measurement
Questionnaire Adherence to treatment in chronic patient and Morisky 8-Item Medication Adherence Questionnaire

Secondary outcomes

1

Description
Re admission

Timepoint
One and two months after intervention

Method of measurement
Question from patient

Intervention groups

1

Description
In intervention group, motivational interviewing is held in two day and in each day based on the bearing of the patients is held in 30 to 60 minutes by the interviewer and in the third day instructing to the patient by the interviewer will be done over 30 to 60 minutes based on bearing of the patient individually.motivational interviewing is in some parts of familiarity, feeling, passive and negative aspects, values and continuing the treatment or leaving the unsuitable behavior.

Category
Behavior

2

Description
In control group they receive only one day instruction about disease in 30 to 60 minutes that is based on bearing and need individually by the interviewer.the mentioned subject in instructing the disease and life style is the two groups.

Category
Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center
National research institute of tuberculosis and lung disease Masih Daneshvari hospital

Full name of responsible person

Hamid Naderloo
Street address
Masih Daneshvari hospital, Darabad
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Baqiyatallah University of Medical Sciences
Full name of responsible person
afshin pakjo
Street address
The financial office, Nursing Faculty, Baqiyatallah University of Medical Sciences
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Baqiyatallah 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
Baqiyatallah University of Medical Sciences
Full name of responsible person
Hamid Naderloo
Position
Master student of critical care nursing
Other areas of specialty/work
Street address
4th Floor, Nursing Faculty, Baqiyatallah University of Medical Sciences
City
Tehran
Postal code
Phone
+98 21 5546 3611
Fax
Email
hamid.naderloo@gmail.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Baqiyatallah University of Medical Sciences
Full name of responsible person
Dr. Abbas Ebadi
Position
PhD in Nursing
Other areas of specialty/work
Street address
4th Floor, Nursing Faculty, Baqiyatallah University of Medical Sciences
City
Tehran
Postal code
Phone
Fax
Email
ebadi1347@yahoo.com
Web page address

Person responsible for updating data

Contact
Name of organization / entity
Baqiyatallah University of Medical Sciences
Full name of responsible person
hamid naderloo
Position
Master student of critical care nursing
Other areas of specialty/work
Street address
4th Floor, Nursing Faculty, Baqiyatallah University of Medical Sciences
City
tehran
Postal code
Phone
00
Fax
Email
hamid.naderloo@gmail.com
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