

Clinical Trial Protocol

Iranian Registry of Clinical Trials

02 Aug 2026

The effect of nursing consultation on anxiety, tolerance and satisfaction in patients undergoing bronchoscopy, Imam Khomeini Hospital, Tehran in 2012-2013

Protocol summary

Summary

Patients in the intervention group (37 cases) and control group (37 cases) will participate in the study and randomly assigned based on the type of work that is purposeful sampling test and control groups based on number of patient cases will be (allottable interventional bronchoscopy unit is done by a nurse who is not aware of) , and given that the waiting time per patient for 18-24 hours is bronchoscopic sampling parallel intervention study will be the after going through the sample survey , the researcher first demographic questionnaire and through interviews with patients and case studies will be completed. The questionnaire contained a number of questions regarding demographic information and some questions about health and disease. Then, if the study consent form to participate in the study, the researcher first read it , and if the patient gives consent for participation in the study had to sign . After patient selection and consent to the study, patients entered the study . Then the researchers compared the intervention and control groups for all the subjects are unaware of information that includes blood pressure , pulse and respiration per minute (prior consultation) and the STAI anxiety questionnaire before consultation through interviews will be completed . Three patients in the test group for 30 minutes in clinical research will be consulting with him . Individual counseling and face-to-face. Consultation on the advice nurse and includes an explanation of all the circumstances before, during and after bronchoscopy, which includes training preparation before the procedure (diet , drugs , etc.) during bronchoscopy (full explanation about the What will be done during bronchoscopy) and after bronchoscopy (explaining that after bronchoscopy will be faced with the possible problems and solutions) , patient awareness about the benefits and risks of the patient the opportunity to express feelings, questions , selecting

appropriate ways to reduce anxiety and increase tolerance, procedures , and answers to questions posed by the patient. Component in the control group patients also do all of these steps can be done in consultation with the patient . The next day , the researcher before the procedure information for all participants , including blood pressure , pulse rate and respiratory STAI state anxiety questionnaire is to be completed .groups will be measured.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2012123011936N1**

Registration date: **2013-04-27, 1392/02/07**

Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2013-04-27, 1392/02/07

Registrant information

Name

Mahmoud Amiri

Name of organization / entity

Shahed University

Country

Iran (Islamic Republic of)

Phone

+98 21 7756 5182

Email address

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Recruitment status

Recruitment complete

Funding source

Student Research Committee, Shahed University

Expected recruitment start date

2013-04-30, 1392/02/10

Expected recruitment end date

2014-06-15, 1393/03/25

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of nursing consultation on anxiety, tolerance and satisfaction in patients undergoing bronchoscopy, Imam Khomeini Hospital, Tehran in 2012-2013

Public title

Effect of nurse counseling program on anxiety and satisfaction in patients undergoing bronchoscopy

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: patients aged between 18 to 70 years old; the ability to understand Persian languages; lack of vision impairment as being able to select the correct location in the VAS (Visual analogue scale) to measure satisfaction; lacking a history of previous bronchoscopy and lack of disease is high blood pressure or a history of antihypertensive drugs. Exclusion criteria: canceled bronchoscopic day set other than to cause patient anxiety and the patient withdrawal from the study.

Age

From **18 years** old to **75 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **74**

Randomization (investigator's opinion)

Randomized

Randomization description**Blinding (investigator's opinion)**

Single blinded

Blinding description**Placebo**

Not used

Assignment

Parallel

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Shahed University

Street address

Tehran - Gulf Freeway - opposite the shrine of Imam Khomeini

City

Tehran

Postal code

3319118651

Approval date

2013-03-11, 1391/12/21

Ethics committee reference number

41/166744

Health conditions studied**1****Description of health condition studied**

Anxiety

ICD-10 code

F41.1

ICD-10 code description

Generalized anxiety disorder

Primary outcomes**1****Description**

Anxiety

Timepoint

Before intervention - a day after the intervention (before the procedure)

Method of measurement

Spielberger standard questionnaire

Secondary outcomes**1****Description**

Satisfaction

Timepoint

After bronchoscopic

Method of measurement

Visual Analogue Scale measuring satisfaction

2**Description**

Level of tolerance

Timepoint

After the bronchoscopy

Method of measurement

4 item Likert scale

3**Description**

Comfort level

Timepoint

After the bronchoscopy
Method of measurement
Comfort level of the numerical scale (1 comfort lowest, 10 the highest level of comfort)

4

Description
Level of cooperation during bronchoscopy

Timepoint
After the bronchoscopy

Method of measurement
Numerical scale Level of cooperation (1 co lowest, 10 the highest Level of cooperation)

5

Description
Pain

Timepoint
After the bronchoscopy

Method of measurement
numeric pain scale (1 least amount of pain, 10 maximum pain)

Intervention groups

1

Description
Intervention group = received 30 minutes of nursing counseling program that includes training preparations in the days before bronchoscopy -training what done bronchoscopy- Basic skills training techniques to reduce anxiety

Category
Behavior

2

Description
Control group = received routine part of program

Category
N/A

Recruitment centers

1

Recruitment center
Name of recruitment center
Imam Khomeini Hospital
Full name of responsible person
Najm Zadeh Zahra
Street address
Tehran - Bagher Khan Street - Imam Khomeini Hospital Complex
City
Tehran

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Shahed University
Full name of responsible person
Kyasalary Zahra - Deputy Director of Research and Technology
Street address
Tehran - Gulf Freeway - Opposite the shrine of Imam Khomeini
City
Tehran
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Shahed University
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
Shahed University
Full name of responsible person
Mahmoud Amiri
Position
Undergraduate Nursing students
Other areas of specialty/work
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Person responsible for scientific

inquiries

Contact

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Shahed University

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Nahid Rejeh

Position

PhD Nursing

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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