

Clinical Trial Protocol

Iranian Registry of Clinical Trials

12 Jul 2026

Assessment of the Influence of nonverbal communication method on satisfaction of patients with artificial airway in medical centers in Shiraz in 1394.

Protocol summary

Summary

(1) Objectives: Determine the effect of artificial airway non-verbal communication on patient satisfaction with artificial airway in the hospitals in Shiraz city in 1394; Determining the demographic characteristics of patients with artificial airway; Determining and comparing patient satisfaction with artificial airway before and after the intervention to separate in the experimental and control groups; Compare the change in the mean patient satisfaction of patients with artificial airway before and after the intervention in the experimental group and the control groups. (2) Design: Random sampling; Placing the samples in both groups was one among; Communication boards were used as the intervention in the experimental group; Control group with no intervention; A multi-center project. (3) How do: Sampling in intensive care units of health centers of Shiraz University of Medical Sciences is done; Placing in the experimental and the control groups is in Odd method; The study population is all patients with artificial airway in hospitals in Shiraz city; samples were 50 patients; Intervention done by a trained nurses under periodic surveillance of researcher for 12 hours and then the satisfaction questionnaire will be available to the patients. (4) Participants: Inclusion criteria included artificial airway for at least 18 hours; GCS of 11; Having read and write. Exclusion criteria included the patient's unwillingness to participate in the study. (5) Interventions: communication boards contain numbers; letters; pictures and words will be shown to the patient by a nurse every 4 hours, then patient, referring her/his requires on the board to notify the nurse and the questionnaire will be complete according to the patient. (6) The main outcome variables: non-verbal communication, satisfaction, education level, marital status, occupation, monthly income, age and gender.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015112122466N4**

Registration date: **2016-08-27, 1395/06/06**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-08-27, 1395/06/06

Registrant information

Name

Shahnaz Pouladi

Name of organization / entity

Bushehr University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 917 374 0061

Email address

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Bushehr University of Medical Science.

Expected recruitment start date

2016-04-03, 1395/01/15

Expected recruitment end date

2016-06-30, 1395/04/10

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Assessment of the Influence of nonverbal communication method on satisfaction of patients with artificial airway in medical centers in Shiraz in 1394.

Public title

Assessment of the Influence of nonverbal communication method on satisfaction of patients with artificial airway in medical centers in Shiraz in 1394

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria for this study include mastered in Persian; Age over 18 years; Having artificial airway for at least 18 hours; The ability to understand and work orders; In other words patients with GCS=11 and There is no audio imperfections. Exclusion criteria include patients' reluctance to participate in the study.

Age

From **18 years** old to **85 years** old

Gender

Both

Phase

2-3

Groups that have been masked

No information

Sample size

Target sample size: **50**

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 Bushehr University of Medical Science

Street address

Pardis site, Bushehr University of Medical Science, Sabzabad, Bushehr.

City

Bushehr

Postal code

7518759577

Approval date

2015-10-19, 1394/07/27

Ethics committee reference number

bpums.rec.1394.22

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

Respiratory disease

ICD-10 code

J38

ICD-10 code description

Paralysis of vocal cords and larynx

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

Satisfaction

Timepoint

Befor intervention and 12 hours after intervention

Method of measurement

Satisfaction Questionnaire

2**Description**

Nonverbal communication

Timepoint

Befor intervention and 12 hours after intervention

Method of measurement

Satisfaction Questionnaire

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

Unsatisfaction

Timepoint

12 hours after intervention

Method of measurement

Questionnaire

Intervention groups**1****Description**

the intervention tool is a communication board, including numbers, letters, words and images that are used for 12 hours for groups. nurses show this communication board to patients every 4 hours and for 12 hours and ask the patients to meet their needs on the board and show them with hand, to facilitate their communication.

Category

Rehabilitation

2

Description

Nurses care control group with usual non-verbal communication way, such as lip-read, using pen and paper.

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

Nemazi teaching hospital

Full name of responsible person

Parvin Salehi- Nursing Graduate Student

Street address

Nemazi square- Zand Blvd- Shiraz- Iran

City

Shiraz

2

Recruitment center

Name of recruitment center

Shiraz trauma center

Full name of responsible person

Parvin Salehi- Nursing Graduate Student

Street address

Chamran Blvd- Shiraz-Iran

City

Shiraz

3

Recruitment center

Name of recruitment center

Martyr Faghihi Hospital

Full name of responsible person

Parvin Salehi- Nursing Graduate Student

Street address

Zand Blvd- Shiraz- Iran

City

Shiraz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research,bushehr university of medical science

Full name of responsible person

Dr. Afshin Ostovar

Street address

First floor, Pardis Site, Salman Farsi Ave, Bahmany, Bushehr

City

Bushehr

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,bushehr university of medical science

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

Bushehr university of medical science

Full name of responsible person

Shahnaz Pouladi

Position

PHD, Assitant professor of nursing

Other areas of specialty/work

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Contact

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7518759577

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