

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

The effect of clinical priest presence on depression and anxiety after surgery in patients admitted the orthopedic ward

Protocol summary

Study aim

Determining the effect of clinical priest presence on depression and anxiety before and after surgery in patients admitted to the orthopedic department

Design

This clinical trial was conducted on 60 patients undergoing orthopedic surgeries at Valiasr Hospital. The intervention group will receive priest care from a clinical priest. Then, before surgery and 6 hours after the operation, the level of depression and anxiety of patients will be measured. The control group will only receive routine care.

Settings and conduct

This study will be carried out at Vali -e- Asr Hospital in Arak. The clinical trial will be conducted double blind in which the researcher and the data analyst won't know which type of care will be received by the patients in each intervention or control groups.

Participants/Inclusion and exclusion criteria

Inclusion criteria: being Iranian, Muslim and Shia, being at the age of 15 to 65 years, satisfaction to participate in the study, having at least elementary education, undergoing orthopedic surgery. Exclusion criteria: addiction and underlying illness, using antidepressant drugs.

Intervention groups

Intervention group: The intervention group will receive the spiritual care provided by the clinical priest, in addition to the routine care. Prior to surgery and spiritual counseling, the patient will ask his/her questions and will receive the answers and then depression and hospital anxiety scale will be given to the patient to complete. Six hours after the surgery the questionnaires will be completed by the patient again. The control group only receives routine hospital interventions.

Main outcome variables

Anxiety, Depression, Satisfaction from health services

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20171203037733N2**

Registration date: **2018-07-30, 1397/05/08**

Registration timing: **registered_while_recruiting**

Last update: **2018-07-30, 1397/05/08**

Update count: **0**

Registration date

2018-07-30, 1397/05/08

Registrant information

Name

Mehran Akbari

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 86 3417 3505

Email address

m.akbari@arakmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-03-21, 1397/01/01

Expected recruitment end date

2018-08-23, 1397/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of clinical priest presence on depression and anxiety after surgery in patients admitted the orthopedic ward		Ethics committee of Arak University of Medical Sciences	
Public title	The effect of clinical priest presence on anxiety and depression in patients undergoing orthopedic surgery	Street address	Third Floor, blue Wing, Payambar aazam University Complex, Basij Square, Sardasht region
Purpose	Supportive	City	Arak
Inclusion/Exclusion criteria		Province	Markazi
Inclusion criteria:	Being Iranian Being Muslim and Shia Satisfaction to participate in the study Patients with at least primary education Patients who intend to perform orthopedic surgery Being at the age of 15 and 65 years	Postal code	6941-7-38481
Exclusion criteria:	Addiction other underlying illnesses Taking antidepressant medication	Approval date	2018-05-07, 1397/02/17
Age	From 15 years old to 65 years old	Ethics committee reference number	IR.ARAKMU.REC.1397.1
Gender	Both	Health conditions studied	
Phase	2	1	
Groups that have been masked	- Investigator - Data analyser	Description of health condition studied	
Sample size	Target sample size: 60	anxiety and depression	
Randomization (investigator's opinion)	Randomized	ICD-10 code	
Randomization description	At the beginning, the patients will enter into the study according to the inclusion criteria and the subjects will be randomly assigned to the intervention or control groups according to the block randomization method. Randomization will be done by a statistician and using a software.	F41.2	
Blinding (investigator's opinion)	Double blinded	ICD-10 code description	
Blinding description	The clinical trial is conducted double blind in which the researcher and the data analyst won't know which type of care will be received by the patients in each intervention or control groups.	Mixed anxiety and depressive disorder	
Placebo	Not used	Primary outcomes	
Assignment	Parallel	1	
Other design features		Description	
Secondary Ids	empty	depression	
Ethics committees		Timepoint	
1		Before and after of surgery	
Ethics committee		Method of measurement	
Name of ethics committee		questionnaire	
		2	
		Description	
		anxiety	
		Timepoint	
		Before and after of surgery	
		Method of measurement	
		questionnaire	
		3	
		Description	
		Satisfaction with health services	
		Timepoint	
		Before and after of surgery	
		Method of measurement	
		questionnaire	
		Secondary outcomes	
		empty	

Intervention groups

1

Description

Intervention group: The intervention group will receive the spiritual care provided by the clinical priest, in addition to the routine care. Prior to surgery and spiritual counseling, the patient will ask his/her questions and will receive the answers and then depression and hospital anxiety scale will be given to the patient to complete. Six hours after the surgery the questionnaires will be completed by the patient again.

Category

Treatment - Other

2

Description

Control group: In this research, the control group will receive routine care only.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Valiasr Hospital in Arak

Full name of responsible person

Mehran Akbari

Street address

Valiasr Hospital, Valiasr Square, Arak

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m.akbari@arakmu.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Mohammad Arjmandzadegan

Street address

Deputy of research and technology, Payambar Aazam University Complex, Basij Square, Sardasht region

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arjomandzadegan@arakmu.ac.ir

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Arak University of Medical Sciences

Proportion provided by this source

100

Public or private sector

Public

Domestic or foreign origin

Domestic

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

Academic

Person responsible for general inquiries

Contact

Name of organization / entity

Arak University of Medical Sciences

Full name of responsible person

Mehran Akbari

Position

MSc Student in pediatric nursing

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Person responsible for scientific inquiries

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Full name of responsible person

Mehran Akbari

Position

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Latest degree

Bachelor

Other areas of specialty/work

Nursery

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

Arak University of Medical Sciences

Full name of responsible person

Mehran Akbari

Position

MSc Student in pediatric nursing

Latest degree

Bachelor

Other areas of specialty/work

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Sharing plan**Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

Study Protocol

Undecided - It is not yet known if there will be a plan to make this available

Statistical Analysis Plan

Undecided - It is not yet known if there will be a plan to make this available

Informed Consent Form

Undecided - It is not yet known if there will be a plan to make this available

Clinical Study Report

Undecided - It is not yet known if there will be a plan to make this available

Analytic Code

Undecided - It is not yet known if there will be a plan to make this available

Data Dictionary

Undecided - It is not yet known if there will be a plan to make this available