

Clinical Trial Protocol

Iranian Registry of Clinical Trials

12 Jun 2026

Promotion of the Capacities of Primary Health Network of Khoram Abad to prevent suicide behaviors by identifying and managing the depressed patients.

Protocol summary

Summary

The main aim of this study was prevention of suicide in Khorram Abad. The target was general population. The intervention components are: 1) capacity building in the first year included: improving the knowledge and skills of primary health care network (PHC) staff, improvement of referral system, improving of registration system, establishment of necessary treatment services. 2) the intervention was performed in the second year included: active screening and case finding, drug treatment of the identified cases, holding 5-consultation sessions had been carried out for the identified cases and their families for the dwellers in urban area and following the treatment of identified cases by Behvarzes (health workers) in rural areas. The main outcome was the rate of suicide and suicidal attempt and the other outcome was the rate of identified depressed cases by PHC network. Koohdast, one hundred Km away from Khoram Abad, which was socio-culturally correspondent, was considered as control city.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201008271959N4**

Registration date: **2010-09-23, 1389/07/01**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2010-09-23, 1389/07/01

Registrant information

Name

Seyed Kazem Malakouti

Name of organization / entity

Iran University of Medical Science - Tehran Psychiatric Institute

Country

Iran (Islamic Republic of)

Phone

+98 21 6655 0200

Email address

malakouti.k@iums.ac.ir

Recruitment status

Recruitment complete

Funding source

Bureau of Mental Health, Ministry of Health and Medical Education

Expected recruitment start date

2007-06-22, 1386/04/01

Expected recruitment end date

2008-06-20, 1387/03/31

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Promotion of the Capacities of Primary Health Network of Khoram Abad to prevent suicide behaviors by identifying and managing the depressed patients.

Public title

Suicide prevention program at Khorram Abad, the capital of Lorestan province, Iran

Purpose

Prevention

Inclusion/Exclusion criteria

no inclusion and exclusion criteria

Age

No age limit

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size:

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Tehran Psychiatric Institute Ethics Committee

Street address

Shahied Mansuri St., Niayesh St., Sattarkhan Ave.,
Tehran

City

Tehran

Postal code

1443813444

Approval date

empty

Ethics committee reference number

88/06/09/01

Health conditions studied

1

Description of health condition studied

suicide

ICD-10 code

x60

ICD-10 code description

Intentional self-poisoning by and exposure to nonopioid analgesics, antipyretics and antirheumatics

2

Description of health condition studied

suicide

ICD-10 code

x61

ICD-10 code description

Intentional self-poisoning by and exposure to antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified

3

Description of health condition studied

suicide

ICD-10 code

x63

ICD-10 code description

Intentional self-poisoning by and exposure to other drugs acting on the autonomic nervous system

4

Description of health condition studied

suicide

ICD-10 code

x62

ICD-10 code description

Intentional self-poisoning by and exposure to narcotics and psychodysleptics [hallucinogens], not elsewhere classified

5

Description of health condition studied

suicide

ICD-10 code

x64

ICD-10 code description

Intentional self-poisoning by and exposure to other and unspecified drugs, medicaments and biological substances

6

Description of health condition studied

suicide

ICD-10 code

x65

ICD-10 code description

Intentional self-poisoning by and exposure to alcohol

7

Description of health condition studied

suicide

ICD-10 code

x65

ICD-10 code description

Intentional self-poisoning by and exposure to alcohol

8

Description of health condition studied

suicide

ICD-10 code

x66

ICD-10 code description

Intentional self-poisoning by and exposure to organic

solvents and halogenated hydrocarbon

9

Description of health condition studied

suicide

ICD-10 code

x67

ICD-10 code description

Intentional self-poisoning by and exposure to other gases and vapours

10

Description of health condition studied

suicide

ICD-10 code

x68

ICD-10 code description

Intentional self-poisoning by and exposure to pesticides

11

Description of health condition studied

suicide

ICD-10 code

x69

ICD-10 code description

Intentional self-poisoning by and exposure to other and unspecified chemicals and noxious substances

12

Description of health condition studied

suicide

ICD-10 code

x70

ICD-10 code description

Intentional self-harm by hanging, strangulation and suffocation

13

Description of health condition studied

suicide

ICD-10 code

x71

ICD-10 code description

Intentional self-harm by drowning and submersion

14

Description of health condition studied

suicide

ICD-10 code

x72

ICD-10 code description

Intentional self-harm by handgun discharge

15

Description of health condition studied

suicide

ICD-10 code

x73

ICD-10 code description

Intentional self-harm by rifle, shotgun and larger firearm discharge

16

Description of health condition studied

suicide

ICD-10 code

x74

ICD-10 code description

Intentional self-harm by other and unspecified firearm discharge

17

Description of health condition studied

suicide

ICD-10 code

x75

ICD-10 code description

Intentional self-harm by explosive material

18

Description of health condition studied

suicide

ICD-10 code

x76

ICD-10 code description

Intentional self-harm by smoke, fire and flames

19

Description of health condition studied

suicide

ICD-10 code

x77

ICD-10 code description

Intentional self-harm by steam, hot vapours and hot objects

20

Description of health condition studied

suicide

ICD-10 code

x78

ICD-10 code description

Intentional self-harm by sharp object

21

Description of health condition studied

suicide

ICD-10 code

x79

ICD-10 code description

Intentional self-harm by blunt object

22

Description of health condition studied

suicide

ICD-10 code

x80

ICD-10 code description

Intentional self-harm by jumping from a high place

23

Description of health condition studied

suicide

ICD-10 code

x81

ICD-10 code description

Intentional self-harm by jumping or lying before moving object

24

Description of health condition studied

suicide

ICD-10 code

x82

ICD-10 code description

Intentional self-harm by crashing of motor vehicle

25

Description of health condition studied

suicide

ICD-10 code

x83

ICD-10 code description

Intentional self-harm by other specified means

26

Description of health condition studied

suicide

ICD-10 code

x84

ICD-10 code description

Intentional self-harm by unspecified means

27

Description of health condition studied

major depression

ICD-10 code

f32.2

ICD-10 code description

Severe depressive episode without psychotic symptoms

28

Description of health condition studied

major depression

ICD-10 code

f32.3

ICD-10 code description

Severe depressive episode with psychotic symptoms

29

Description of health condition studied

major depression

ICD-10 code

f33.2

ICD-10 code description

Recurrent depressive disorder, current episode severe without psychotic symptoms

30

Description of health condition studied

major depression

ICD-10 code

f33.3

ICD-10 code description

Recurrent depressive disorder, current episode severe with psychotic symptoms

Primary outcomes

1

Description

rate of attempted suicide and committed suicide

Timepoint

before and after one year of intervention

Method of measurement

comparing the statistics of Ministry of health and the data yielded in this study

Secondary outcomes

1

Description

rate of identified depressed cases by the network

Timepoint

before and after one-year intervention

Method of measurement

statistics yielded by the network

Intervention groups

1

Description

In the first step the capacity of the PHC network was improved in terms of the knowledge and skills of the staff, referral system in PHC network, registration system for suicide behaviors and depressed cases. In the second step, active screening to identify the depressed cases was carried out, drug treatment by general practitioners and treatment followed up by Behvarzes in rural areas and holding 5-consulting session for the depressed and attempted cases in urban areas was carried out.

Category

Prevention

2

Description

Control group was Koohtasht, 100 km away from Khorram Abad with similar socio-cultural features. In the control city, only the first step was performed in order to improve the capacity of its PHC network in both urban and rural areas.

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Mental health office of the province (Lorestan)

Full name of responsible person

Fariba Mansouri

Street address

Moalem st. opposite of Bakhtar hospital, Lorestan Medical Sciences, Under secretary of Health

City

Khorram Abad

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Bureau of mental health, Ministry of Health

Full name of responsible person

Dr. Ahmad Hajebi

Street address

Ministry of Health, Hafez AVE, Hassan Abad sq.

City

Tehran

Grant name

Grant code / Reference number

5045

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

Yes

Title of funding source

Bureau of mental health, Ministry of Health

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

Tehran Psychiatric Institute, Iran University of Medical Sciences

Full name of responsible person

Dr. Seyed Kazem Malakouti

Position

Department of psychiatry, Associate Prof.

Other areas of specialty/work

Street address

Mansouri st., Niayesh st., Sattarkhan Ave.

City

Tehran

Postal code

1443813444

Phone

+98 21 6655 0200

Fax

+98 21 6655 0200

Email

kmalakouti@iums.ac.ir

Web page address

www.iums.ac.ir

Person responsible for scientific inquiries

Contact

Name of organization / entity

Tehran Psychiatric Institute, Iran University of Medical Sciences

Full name of responsible person

Dr. Seyed Kazem Malakouti

Position

Fellow, Geriatric Psychiatry

Other areas of specialty/work

Street address

shahid Mansuri St; Niayesh St; Sattarkhan Ave; Tehran

City

Tehran

Postal code

1443813444

Phone

+98 21 6655 0200

Fax

+98 21 6655 0200

Email

kmalakouti@iums.ac.ir

Web page address

www.iums.ac.ir

Person responsible for updating data

Contact

Name of organization / entity

Tehran Psychiatric Institute, Iran University of Medical Sciences,

Full name of responsible person

Dr. Seyed Kazem Malakouti

Position

Fellow, Geriatric psychiatry

Other areas of specialty/work

Street address

Shahid Mansuri St; Niayesh St; Sattarkhan Ave;
Tehran

City

Tehran

Postal code

1443813444

Phone

+98 21 6655 0200

Fax

+98 21 6655 0200

Email

kmalakouti@iums.ac.ir

Web page address

www.iums.ac.ir

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