

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Aug 2026

Design and implementation of intervention based on the PERCEDE-PROCEED Model on Preventive Behaviors of Brucellosis in Rural Ranchers' Households

Protocol summary

Study aim

Design and implementation of intervention based on the PERCEDE-PROCEED Model among ranchers and their family members

Design

130 Ranchers and their family members were randomly assigned to parallel intervention and control groups and participants are given a code. The intervention is conducted in two sessions of 90 minutes for the intervention group.

Settings and conduct

Location of intervention is Torbat Heydaryieh city Health homes. the intervention group training is provided over two 90-minute sessions based on interviews and structures of Model.

Participants/Inclusion and exclusion criteria

Participants were included if they were Resident of the village and Completed Consent letter of Participation in the study They were excluded if they were unable to give informed consent and Immigrate from the village during the study

Intervention groups

The intervention group includes 65 ranchers and their family members, training is provided over two 90-minute sessions based on interviews and structures of Model

Main outcome variables

Preventive Behaviors of Brucellosis' Organizational assessment:Environmental assessment

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20160917029843N10**

Registration date: **2018-11-02, 1397/08/11**

Registration timing: **registered_while_recruiting**

Last update: **2018-11-02, 1397/08/11**

Update count: **0**

Registration date

2018-11-02, 1397/08/11

Registrant information

Name

Mohammad Vahedian-Shahroodi

Name of organization / entity

Social Determinants of Health Research Center,
Mashhad University of Medical Science

Country

Iran (Islamic Republic of)

Phone

+98 51 3189 2202

Email address

vahedianm@mums.ac.ir

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-08-23, 1397/06/01

Expected recruitment end date

2019-10-23, 1398/08/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Design and implementation of intervention based on the PERCEDE-PROCEED Model on Preventive Behaviors of Brucellosis in Rural Ranchers' Households

Public title

The Effect of intervention of health promotion on

prevention of brucellosis

Purpose
Education/Guidance

Inclusion/Exclusion criteria
Inclusion criteria:
People who live in the village People who have the ability to communicate properly
Exclusion criteria:
People under the age of 18 and over 60 Do not have health records at health home

Age
From **18 years** old to **60 years** old

Gender
Both

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **65**

Randomization (investigator's opinion)
Randomized

Randomization description
Selection of samples will be such that in rural areas with higher prevalence, 2 villages will be randomly divided into intervention groups and Based on the sample size, 65 people are enrolled in the study and 2 villages will be determined into control groups (matching will be performed to select the control and intermediate groups). Before doing intervention training, a questionnaire designed was completed by the investigating units. Then intervention training was carried out in intervention group using lecture, questions, and answers. Three month after the intervention, post tests were given using the same questionnaire. The data was analyzed by using spss software, Statistical tests

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 Mashhad University of Medical Sciences

Street address

University 18 Ave., School of Public Health

City

Mashhad

Province

Razavi Khorasan

Postal code

9138813944

Approval date

2018-08-25, 1397/06/03

Ethics committee reference number

IR.MUMS.REC.1397.142

Health conditions studied

1

Description of health condition studied

Brucellosis

ICD-10 code

A23.8

ICD-10 code description

Other brucellosis

Primary outcomes

1

Description

Adoption of Preventive Behaviors of Brucellosis

Timepoint

Before intervention, immediately after intervention, 3 months after interventio

Method of measurement

Questionnaire

Secondary outcomes

1

Description

Predisposing factors

Timepoint

Before intervention, immediately after intervention, 3 months after intervention

Method of measurement

Questionnaire

2

Description

Enabling factors

Timepoint

Before intervention, immediately after intervention, 3 months after intervention

Method of measurement

Questionnaire

3

Description

Reinforcing factor

Timepoint

Before intervention, immediately after intervention, 3 months after intervention

Method of measurement

Intervention groups

1

Description

Intervention group: the intervention group includes 65 ranchers and their family members, training is provided over two 90-minute sessions based on interviews and Model structures.

Category

Behavior

2

Description

Control group: The control group does not receive any training program

Category

Behavior

Recruitment centers

1

Recruitment center

Name of recruitment center

health centers in Torbat heydariyeh

Full name of responsible person

Dr Mohamad vahedian-shahroodi

Street address

Department of Health Education and Health Promotion, between 16th and 18th Daneshgah, Daneshgah Street

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vahedianm@mums.ac.ir

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Mashhad University of Medical Sciences

Full name of responsible person

Dr. Mohsen Tafaghodi

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Grant name

Grant code / Reference number

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

Yes

Title of funding source

Mashhad 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

Mashhad University of Medical Sciences

Full name of responsible person

Dr Mohammad Vahedian Shahroodi

Position

Associate Professor of Health Education and Health Promotion

Latest degree

Ph.D.

Other areas of specialty/work

Health Promotion

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Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

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Full name of responsible person

Dr Mohammad Vahedian Shahroodi

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

Yes - There is 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

Title and more details about the data/document

Potential data is sharable after distinguishing people

When the data will become available and for how long

Start the access period one month after the publication of result

To whom data/document is available

Researchers working in academia

Under which criteria data/document could be used

The data are sent by official request through academic or organizational emails of the researchers after confirmation and identification of the sender

From where data/document is obtainable

Dr. Mohammad Vahedian-Shahroodi
vahedianm@mums.ac.ir

What processes are involved for a request to access data/document

sender Data is sent through an official request and by email

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

Mashhad University of Medical Sciences

Full name of responsible person

Dr Mohammad Vahedian Shahroodi

Position

Associate Professor of Health Education and Health Promotion

Latest degree

Ph.D.

Other areas of specialty/work

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