Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 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)

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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 determinated 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

Questionnaire

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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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
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Person responsible for updating data

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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