

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

08 Jul 2026

### Determining the effect of a theory-based educational intervention on the prevention of brucellosis and livestock vaccination process

#### Protocol summary

##### Study aim

Determining the effect of educational intervention based on PRECEDE-PROCEED model in the prevention of brucellosis and livestock vaccination process in Lighvan village, East Azarbaijan province.

##### Design

Single blind clinical trial with control group

##### Settings and conduct

Training on brucellosis disease in the village of Lighvan, Tabriz

##### Participants/Inclusion and exclusion criteria

The criteria for the study include accommodation in the area and activity in livestock breeding; consenting to participate in the study and the absence of a history of brucellosis and receiving related training in this field in the past. Exit criteria include the inability to use the educational package intended for this study; including physical disabilities; including visual and auditory problems; limitation and absenteeism in more than 20% of the training sessions which can provide learners with the required level of learning; noticeable attention.

##### Intervention groups

Model-based intervention in ranchers

##### Main outcome variables

Reduction of brucellosis and increased brucellosis vaccination

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20180304038945N1**

Registration date: **2018-12-24, 1397/10/03**

Registration timing: **registered\_while\_recruiting**

Last update: **2018-12-24, 1397/10/03**

Update count: **0**

##### Registration date

2018-12-24, 1397/10/03

##### Registrant information

###### Name

farhad bahadori

###### Name of organization / entity

Tarbeat modares

###### Country

Iran (Islamic Republic of)

###### Phone

+98 41 3331 9028

###### Email address

f.bahadori@modares.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2018-12-22, 1397/10/01

##### Expected recruitment end date

2019-06-22, 1398/04/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Determining the effect of a theory-based educational intervention on the prevention of brucellosis and livestock vaccination process

##### Public title

Determining the effect of a theory-based educational intervention on the prevention of brucellosis and livestock vaccination process

##### Purpose

Education/Guidance

##### Inclusion/Exclusion criteria

**Inclusion criteria:**

Livestock in Lighvan village Residence in the area and activities in the livestock sector Declaring consent to participate in the study Not having a history of brucellosis and receiving related training in this field in the past

**Exclusion criteria:**

The inability to use the educational package intended for this study, including physical inability, includes visual and auditory problems Limitation and absenteeism in more than 20% of the training sessions that can significantly affect learners' learning

**Age**

No age limit

**Gender**

Both

**Phase**

N/A

**Groups that have been masked**

- Participant

**Sample size**

Target sample size: 72

**Randomization (investigator's opinion)**

Randomized

**Randomization description**

Random software

**Blinding (investigator's opinion)**

Single blinded

**Blinding description**

The target group is the same stockbreeder

**Placebo**

Not used

**Assignment**

Other

**Other design features****Secondary Ids**

empty

**Ethics committees****1****Ethics committee****Name of ethics committee**

Tarbiat Modares University

**Street address**

Jalal Al-e Ahmad

**City**

tehran

**Province**

Tehran

**Postal code**

14115-111

**Approval date**

2018-05-16, 1397/02/26

**Ethics committee reference number**

IR.MODARES.REC.1397.001

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

Brucellosis

**ICD-10 code**

A23.0

**ICD-10 code description**

Brucellosis due to Brucella melitensis

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

Average scores of predisposing factors

**Timepoint**

Before the intervention, immediately after the intervention and 2 months after it

**Method of measurement**

Questionnaire

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

Brucella antibody level in sheep

**Timepoint**

Before and after the vaccination season

**Method of measurement**

ELISA test or Rozbangal

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

Intervention group: Farmers' behavior in vaccination against brucellosis and preventive behaviors. To do this, the intervention training is tailored to the target group for at least four sessions for an hour through the methods of the front line or using textual methods including brochures, etc.

**Category**

Behavior

**2****Description**

Control group: The non-intervention control group and routine training will be given annually. Finally, after training, the effect of education was assessed in two intervention and control groups

**Category**

Behavior

**Recruitment centers**

## 1

### Recruitment center

**Name of recruitment center**  
Lighvan village( individual livestock)  
**Full name of responsible person**  
Fazlollah Ghofranipour  
**Street address**  
lighvan village- Tabriz  
**City**  
Tabriz  
**Province**  
East Azarbaijan  
**Postal code**  
12345  
**Phone**  
+98 21 8288 0000  
**Email**  
ghoranipourf@gmail.com

### Sponsors / Funding sources

## 1

### Sponsor

**Name of organization / entity**  
Tarbiat modares  
**Full name of responsible person**  
Fazlollah Ghofranipour  
**Street address**  
jalale al ahmad  
**City**  
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**Postal code**  
14115-111  
**Phone**  
+98 21 8288 3869  
**Email**  
ghofranif@modares.ac.ir  
**Grant name**  
Research Deputy of Tarbiat Modares University  
**Grant code / Reference number**  
1410827  
**Is the source of funding the same sponsor organization/entity?**  
Yes  
**Title of funding source**  
Tarbiat modares  
**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**  
Tarbiat modares  
**Full name of responsible person**  
Fazlollah Ghofranipour  
**Position**  
University professor  
**Latest degree**  
Ph.D.  
**Other areas of specialty/work**  
Health Promotion  
**Street address**  
jalale al ahmad  
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**Fax**  
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ghofranf@modares.ac.ir

### Person responsible for scientific inquiries

#### Contact

**Name of organization / entity**  
Tarbiat modares  
**Full name of responsible person**  
Fazlollah Ghofranipour  
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### Person responsible for updating data

#### Contact

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

Yes - There is a plan to make this available

**Study Protocol**

Yes - There is a plan to make this available

**Statistical Analysis Plan**

Yes - There is a plan to make this available

**Informed Consent Form**

Yes - There is a plan to make this available

**Clinical Study Report**

Yes - There is 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**

Yes - There is a plan to make this available

**Title and more details about the data/document**

Only part of the data, such as the original outcome information, will be available

**When the data will become available and for how long**

Two years after the start of the project and in 2019 onwards

**To whom data/document is available**

University researchers-veterinarians- and veterinarians related to the livestock industry

**Under which criteria data/document could be used**

Governmental centers with official permissions from relevant departments

**From where data/document is obtainable**

Contact by e-mail and phone number with Dr. Fazlollah Ghofranipour Ers-Tehran Jalal Al-Ahmad Tarbiat Modares University ghofranipourf@gmail.com 00982182880

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

Contact via emailCommunication via email and phone - if applicable, within a week to one month

**Comments**