

Clinical Trial Protocol

Iranian Registry of Clinical Trials

07 Jun 2026

Design, evaluation, and implementation of a crisis management preparedness program for midwifery personnel in caring for pregnant women during epidemic crises

Protocol summary

Study aim

Providing a reproductive health care program for pregnant mothers during viral epidemics

Design

A randomized, single-blind, factorial, controlled clinical trial was conducted on all midwifery personnel of the intervention group health centers and 60 pregnant women referred to those centers.

Settings and conduct

Health centers in Isfahan will be divided into two intervention and control groups in each social class. The intervention group will receive a two-day workshop program and offline training for 3 months, and the perinatal care group will be provided according to national guidelines. Before and immediately after the workshop, and 3 months later, a researcher-made questionnaire, will be distributed between the two exposure and control groups and the effectiveness of the program will be examined. It should be noted that after the workshop, the training course effectiveness questionnaire will also be distributed and completed among the participating personnel. Also, a customer quality assessment questionnaire will be distributed and completed among all pregnant mothers referring to the exposure and control group centers to examine the effect of the intervention that has been carried out.

Participants/Inclusion and exclusion criteria

Midwifery personnel providing services to pregnant women Pregnant women in the first and second trimester of pregnancy who are literate in using a smartphone

Intervention groups

Holding a crisis management training workshop for midwifery personnel providing services to pregnant women in the intervention group. Sending offline crisis management training materials to pregnant women referring to the intervention group centers in addition to receiving routine pregnancy care. pregnant women

referring to their centers receive routine pregnancy care.

Main outcome variables

Increasing personnel readiness in crisis management during epidemics

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20260126068669N1**

Registration date: **2026-04-27, 1405/02/07**

Registration timing: **prospective**

Last update: **2026-04-27, 1405/02/07**

Update count: **0**

Registration date

2026-04-27, 1405/02/07

Registrant information

Name

Zeinab Safari

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 31 3361 2825

Email address

zeinabsafari68@yahoo.com

Recruitment status

recruiting

Funding source

Expected recruitment start date

2026-05-20, 1405/02/30

Expected recruitment end date

2026-08-21, 1405/05/30

Actual recruitment start date

empty
Actual recruitment end date
empty
Trial completion date
empty
Scientific title
Design, evaluation, and implementation of a crisis management preparedness program for midwifery personnel in caring for pregnant women during epidemic crises

Public title
Preparedness for crisis management in epidemics

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria:

Pregnant women in the first and second trimesters
Midwifery personnel providing services to pregnant women in health service centers

Exclusion criteria:

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

- Participant

Sample size

Target sample size: 60

Randomization (investigator's opinion)

Randomized

Randomization description

Simple randomization

Blinding (investigator's opinion)

Single blinded

Blinding description

Pregnant women who visit control centers only receive routine prenatal care and fill out the relevant evaluation form without the necessary education about the epidemic.

Placebo

Not used

Assignment

Factorial

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethic committee of shahrood of medical sciences

Street address

montazeri Ave.

City

khomeinyshahar

Province

Isfahan

Postal code

8413793793

Approval date

2023-02-04, 1401/11/15

Ethics committee reference number

IR.SHMU.REC.1401.195

Health conditions studied

1

Description of health condition studied

Promoting the reproductive health of pregnant women during the outbreak of COVID-19 and similar viral diseases

ICD-10 code

ICD-10 code description

Primary outcomes

1

Description

Investigating the quality of pregnancy care from the perspective of pregnant women who have undergone crisis management training and crisis management by trained personnel using a customer quality questionnaire.

Timepoint

Pregnancy care

Method of measurement

Customer Quality Survey Questionnaire

2

Description

Evaluating the effectiveness of crisis management and crisis management training for midwifery personnel using a researcher-made questionnaire, "Crisis Management Scale in Reproductive Health Centers"

Timepoint

Before and immediately after the workshop and 3 months later

Method of measurement

researcher-made questionnaire, "Crisis Management Scale in Reproductive Health Centers"

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: All midwifery staff of the centers

were randomly selected to participate in the training workshop.

Category

Behavior

2**Description**

Intervention group: Survey of satisfaction of pregnant women under care in centers selected for training

Category

Behavior

3**Description**

Control group: All midwifery personnel who are in control group centers and no training workshops are held for them, and pregnant mothers who are under routine care of these centers

Category

Behavior

Recruitment centers**1****Recruitment center****Name of recruitment center**

درمانگاه های آموزشی تحت نظارت دانشگاه علوم پزشکی اصفهان

Full name of responsible person

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Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Shahroud University of Medical Sciences

Full name of responsible person

Vice President for Research and Technology,
Shahroud University of Medical Sciences

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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

Shahroud 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**

Shahroud University of Medical Sciences

Full name of responsible person

zeinabsafari

Position

student

Latest degree

Master

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