

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

17 Jun 2026

### Design, implementation and evaluation of intervention based on community-based social marketing model about Source Recycling in Genaveh women

#### Protocol summary

##### Study aim

Design, implementation and evaluation of intervention based on community-based social marketing model about Source Recycling in Genaveh women

##### Design

Clinical trial with control group, with parallel groups, without blinding, on 216 women, cluster randomization

##### Settings and conduct

In this study, 216 women living in Genaveh who have ability to write and read are included using cluster randomization from 5 locals. Our intervention is 6 weeks training on waste recycling. The control group behaves according to the normal routine. There is no blinding.

##### Participants/Inclusion and exclusion criteria

Inclusion criteria: Women living in Genaveh, Enough literacy to answer questions. Exclusion criteria: Unwillingness to participate in the study

##### Intervention groups

The intervention group includes 6 weeks of in-house training on waste. The control group behaves as usual and no additional training is provided.

##### Main outcome variables

Awareness score, score of structures related to source recycling, average dry waste weight and rate of origin recycling behavior

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20200715048109N1**

Registration date: **2020-09-12, 1399/06/22**

Registration timing: **prospective**

Last update: **2020-09-12, 1399/06/22**

Update count: **0**

##### Registration date

2020-09-12, 1399/06/22

##### Registrant information

###### Name

Esmat Heydari

###### Name of organization / entity

###### Country

Iran (Islamic Republic of)

###### Phone

+98 21 8670 4820

###### Email address

esmat.h.5@gmail.com

##### Recruitment status

###### Recruitment complete

##### Funding source

##### Expected recruitment start date

2020-10-06, 1399/07/15

##### Expected recruitment end date

2020-11-20, 1399/08/30

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

Design, implementation and evaluation of intervention based on community-based social marketing model about Source Recycling in Genaveh women

##### Public title

Impact of educational and promotional intervention about Source Recycling in Genaveh women

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

**Inclusion criteria:**

Women living in Genaveh Enough literacy to answer questions

**Exclusion criteria:**

Unwillingness to participate in the study

**Age**

No age limit

**Gender**

Female

**Phase**

N/A

**Groups that have been masked**

No information

**Sample size**

Target sample size: **108**

**Randomization (investigator's opinion)**

Randomized

**Randomization description**

From Genaveh locals, two locals are randomly selected, so that one local is randomly selected as the intervention group and one local as the control group. Since each local consists of several blocks, we randomly select one block in each neighborhood; If the sample size of this block is not covered, we select another block from the other unselected blocks to complete the sample size for each group. Upon entering the selected block from the main street overlooking the block, from the first passage on the right, the first residential building is selected as the first sample and information is collected. By stating the goals of the project and attracting the participation of women in the household, the invited person will be invited to cooperate according to whether the household is in the local of the control group or the intervention group. The sample size for this stage is estimated to be 108 people for each group.

**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 Iran University of Medical Sciences

**Street address**

Iran University of Medical Sciences., Hemmat Highway., Next to Milad Tower., Tehran Town

**City**

Tehran

**Province**

Tehran

**Postal code**

1433933111

**Approval date**

2018-10-27, 1397/08/05

**Ethics committee reference number**

IR.IUMS.REC.1397.642

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

Awareness of waste recycling

**ICD-10 code****ICD-10 code description****Primary outcomes****1****Description**

Awareness

**Timepoint**

Three times: At the beginning of the study, it is measured immediately after the training (one week after the presentation of the second session) and 6 weeks later.

**Method of measurement**

A researcher-made questionnaire that will be valid and reliable

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

Dry waste weight

**Timepoint**

6 times: It is measured every week.

**Method of measurement**

A researcher-made questionnaire that will be valid and reliable

**2****Description**

Behavior (source recycling)

**Timepoint**

Two times: Behavior (recovered from the origin) is measured once before and once 6 weeks later.

**Method of measurement**

A researcher-made questionnaire that will be valid and reliable

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

Intervention group: 108 Genaveh women who receive

interventions related to waste recycling in person at the door. Each time 30 minutes of face-to-face training is provided and each time the previous learning is questioned and the relevant questionnaires are filled. The interventions are in order to increase awareness and change the behavior related to waste recycling. .

**Category**

Lifestyle

**2****Description**

The control group behaves as usual and no additional training is provided

**Category**

Lifestyle

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

شهر گناوه بصورت پژوهش حضوری درب منزل

**Full name of responsible person**

Esmat Heydari

**Street address**

This study is a in-house survey and includes all locals, so no specific location can be mentioned and covers the entire city.

**City**

Gonaveh

**Province**

Boushehr

**Postal code**

7514633341

**Phone**

+98 77 3332 2081

**Email**

Research@Bpums.Ac.Ir

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

Iran University of Medical Sciences

**Full name of responsible person**

سید عباس متولیان

**Street address**

Fifth floor, Central staff, Iran University of Medical Sciences, Hemmat Highway

**City**

Tehran

**Province**

Tehran

**Postal code**

1433933111

**Phone**

+98 21 6650 9059

**Email**

amotevalian@yahoo.com

**Grant name****Grant code / Reference number****Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

Iran 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**

Iran University of Medical Sciences

**Full name of responsible person**

Esmat Heydari

**Position**

Faculty member

**Latest degree**

Ph.D.

**Other areas of specialty/work**

Environmental Health

**Street address**

School of Public Health, Iran University of Medical Sciences, Shahid Hemmat Highway, Tehran, Iran.

**City**

Tehran

**Province**

Tehran

**Postal code**

1433933111

**Phone**

+98 21 8670 4820

**Fax****Email**

esmat.h.5@gmail.com

**Person responsible for scientific inquiries****Contact****Name of organization / entity**

Iran University of Medical Sciences

**Full name of responsible person**

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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**

Yes - There is 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**

Information will be provided without the authors' names

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

One year after the end of the study

**To whom data/document is available**

Faculty member researchers

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

Sending email to Esmat Heydari

**From where data/document is obtainable**

Sending email to Esmat Heydari

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

Sending email to Esmat Heydari

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

Iran University of Medical Sciences

**Full name of responsible person**

Esmat Heydari

**Position**

Faculty member

**Latest degree**

Ph.D.

**Other areas of specialty/work**

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