

Clinical Trial Protocol

Iranian Registry of Clinical Trials

23 Jun 2026

Effect of educational intervention using the Health Belief Model on perceptions of workers of Tehran Oil Refining Company on safety culture

Protocol summary

Tehran University of Medical Sciences and Health Services

Summary

The purpose of this randomized double-blind study was to determine the effect of educational intervention on improving employee perceptions of the health belief model (HBM) in Tehran oil refinery workers. A total of 90 people were enrolled. Intervention is training, group discussion, poster, pamphlet, storage space for 45 days. The primary outcome of the study is attitude of the participants about safety issues which are measured after 2 months.

Expected recruitment start date

2010-12-22, 1389/10/01

Expected recruitment end date

2011-08-23, 1390/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201108167352N1**

Registration date: **2011-11-22, 1390/09/01**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2011-11-22, 1390/09/01

Registrant information

Name

Mohammad Hossein Taghdisi

Name of organization / entity

Tehran University of Medical Sciences, Tehran, Iran

Country

Iran (Islamic Republic of)

Phone

+98 21 8877 7674

Email address

m-taghdisi@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Scientific title

Effect of educational intervention using the Health Belief Model on perceptions of workers of Tehran Oil Refining Company on safety culture

Public title

Effect of educational intervention using the Health Belief Model on perceptions of workers of Tehran Oil Refining Company on safety culture

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: operational employees, work experience over 1 year Exclusion criteria: withdrawal from the study

Age

No age limit

Gender

Male

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **90**

Randomization (investigator's opinion)

Randomized

Randomization description
Blinding (investigator's opinion)

Double blinded

Blinding description**Placebo**

Not used

Assignment

Other

Other design features**Secondary Ids**

empty

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

Tehran University of Medical Sciences and Health Services

Street address

Tehran University of Medical Sciences and Health Services, St Ghods, Blvd Keshavarz

City

Tehran

Postal code

1417653761

Approval date

2011-11-12, 1390/08/21

Ethics committee reference number

90-02-132-13012

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

Safety culture and safety

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

attitudes on safety and safety culture

Timepoint

2 months after intervention

Method of measurement

Questionnaire

Secondary outcomes

empty

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

Intervention group: 1- safety training 2- group discussion 3 - Poster and pamphlet 4 - the newsletter for group education

Category

Prevention

2**Description**

Control group: No intervention.

Category

Prevention

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

Tehran Oil Refining Company

Full name of responsible person

Mr Mohammad Saeidi

Street address

Tehran Oil Refining Company martyr Tondgooyan, Beheshti St, Old Road Qom,

City

Tehran

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

Tehran University of Medical Sciences and Health Services

Full name of responsible person

Mrs Farnush Golband

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Tehran University of Medical Sciences and Health Services, St Ghods, Blvd Keshavarz

City

Tehran

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

Yes

Title of funding source

Tehran University of Medical Sciences and Health Services

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin
Type of organization providing the funding
empty

Person responsible for general inquiries

Contact

Name of organization / entity
Tehran University of Medical Sciences and Health Services
Full name of responsible person
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Person responsible for scientific inquiries

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Person responsible for updating data

Contact

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Sharing plan

Deidentified Individual Participant Data Set (IPD)
empty
Study Protocol
empty
Statistical Analysis Plan
empty
Informed Consent Form
empty
Clinical Study Report
empty
Analytic Code
empty
Data Dictionary
empty