Clinical Trial Protocol
Iranian Registry of Clinical Trials

03 Oct 2026

The effect of SMS based- education intervention based Protection Motivation Theory variables in increasing preventive behaviors of skin cancer among seafarers.

Protocol summary

Summary

Objective: To determine the effect a SMS based education intervention based on Protection Motivation Theory (PMT) variables in increasing preventive behaviors of skin cancer among seafarers. Design and setting: This quasi-experimental study will be conducted in Ganaveh Port, Ganaveh, Iran in 2016. Information (data) will be collected by a questionnaire for assessing demographic factors, PMT variables and preventive behaviors of skin cancer before and one month after the conducted intervention via SMS. Participants: The study sample including 132 seafarers with no history of skin cancer will be assigned either to the intervention (n=66) or the control groups (n=66). Intervention: According to pre-test results, messages will be designed and pretested. Developed messages will be send to seafarers in the intervention group. Main outcome measures: Data will be analysed for determine the effectiveness of developed intervention in adopting preventive behaviors of skin cancer among seafarers.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201604257132N14**
Registration date: **2016-07-16, 1395/04/26**
Registration timing: **prospective**

Last update:
Update count: **0**

Registration date

2016-07-16, 1395/04/26

Registrant information

Name

Tahereh Dehdari

Name of organization / entity

Iran University of Medical Sciences and Health Services

Country

Iran (Islamic Republic of)

Phone

+98 2188779118263

Email address

t-dehdari@tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Iran University of Medical Sciences

Expected recruitment start date

2016-08-22, 1395/06/01

Expected recruitment end date

2017-02-19, 1395/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of SMS based- education intervention based Protection Motivation Theory variables in increasing preventive behaviors of skin cancer among seafarers.

Public title

The effect of SMS based- education intervention in increasing preventive behaviors of skin cancer among seafarers.

Purpose

Prevention

Inclusion/Exclusion criteria

Main inclusion criteria: No history of skin cancer. Main

exclusion criteria:There is no exclusion criteria.

Age
No age limit

Gender
Male

Phase
2-3

Groups that have been masked
No information

Sample size
Target sample size: **132**

Randomization (investigator's opinion)
Randomized

Randomization description

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 and Health Services

Street address
Iran University of Medical Sciences, Shahid Hemmat Highway

City
Tehran

Postal code

Approval date
2016-05-29, 1395/03/09

Ethics committee reference number
IR.IUMS.REC.1395.28113

Health conditions studied

1

Description of health condition studied
Skin cancer

ICD-10 code
C44.9

ICD-10 code description
Malignant neoplasm of skin, unspecified

Primary outcomes

1

Description
Preventive behaviors of skin cancer

Timepoint
update One month after the intervention

Method of measurement
Developed questionnaire by Bonyadi et al. for assessing protection motivation theory variables in terms of skin cancer

Secondary outcomes

empty

Intervention groups

1

Description
Control group: No intervention

Category
Prevention

2

Description
Intervention group: Performing a SMS-based educational intervention. Approximately 20-30 massages based Protection Motivation Theory will be designed and sent to participants in the intervention group during 4 weeks.

Category
Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center
Genaveh Port

Full name of responsible person
Jamshed Mosaee

Street address
Genaveh Port, Ghadir Khom Blvd

City
Genaveh

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice Chancellor for Research, Iran University of Medical Sciences and Health Services

Full name of responsible person
Dr. Morteza Naserbakht

Street address
Iran University of Medical Sciences, Shahid Hemmat Highway

City

Tehran

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Vice Chancellor for Research, Iran 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

Iran University of Medical Sciences and Health Services

Full name of responsible person

Tahereh Dehdari

Position

Ph.D in Health Education

Other areas of specialty/work

Street address

Iran University of Medical Sciences, Shahid Hemmat Highway

City

Tehran

Postal code

Phone

+98 21 8670 4625

Fax

Email

dehdarit@yahoo.com

Web page address

Person responsible for scientific inquiries

Contact

Name of organization / entity

Iran University of Medical Sciences and Health Services

Full name of responsible person

Esmat Heydari

Position

Ph.D Candidate in Health Education & Health Promotion

Other areas of specialty/work

Street address

Iran University of Medical Sciences, Shahid Hemmat Highway

City

Tehran

Postal code

Phone

+98 21 8670 4625

Fax

Email

esmat.h.5@gmail.com

Web page address

Person responsible for updating data

Contact

Name of organization / entity

Iran University of Medical Sciences and Health Services

Full name of responsible person

Tahereh Dehdari

Position

Ph.D in Health Education

Other areas of specialty/work

Street address

Iran University of Medical Sciences, Shahid Hemmat Highway

City

Tehran

Postal code

Phone

+98 21 8670 4625

Fax

Email

dehdarit@yahoo.com

Web page address

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