

Clinical Trial Protocol

Iranian Registry of Clinical Trials

30 May 2026

The Comparison of Mobile Learning via Short Message Service with a Paper Based Method in learning rates of Medical Residents

Protocol summary

Summary

The aim of this study is to compare the rate of learning via the short message service and a paper-based method in residents of gynecology and obstetrics. This is a clinical trial -single blind study. Inclusion criteria included resident of gynecology and obstetrics. If they do not participate in all tests, they are excluded from this study. The study population is a group of 25 residents of Gynecology and Obstetrics in different years of study in Arash Women's Hospital and the disputed subject is breast cancer. A questionnaire including 20 multiple choice questions about breast cancer is designed as pre-test and post-test. All the residents take the pre-test at the same time. Ten days later, the first set of subjects (epidemiology, screening, manifestations, diagnosis and staging) is handled in 54 messages and is sent via cell phone to the residents during 16 days. Two or 3 SMS are sent daily at approximately exact times. The same residents also receive a 7-pages booklet handling the second set of subjects 9 days after the pre-test and are asked to study it in the same 16-day period. In the next step, 5 days after the last message, the post-test exam is undertaken. The test results are scored according to the number of correct answers and the results is compared in order to evaluate the learning rates .

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT138904204329N2**
Registration date: **2012-08-30, 1391/06/09**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2012-08-30, 1391/06/09

Registrant information

Name

Sadaf Alipour

Name of organization / entity

Tehran University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

00982177888751 - 00982177883195

Email address

salipour@sina.tums.ac.ir

Recruitment status

Recruitment complete

Funding source

Tehran University of Medical Sciences

Expected recruitment start date

2012-08-22, 1391/06/01

Expected recruitment end date

2013-02-19, 1391/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Comparison of Mobile Learning via Short Message Service with a Paper Based Method in learning rates of Medical Residents

Public title

The Comparison of Mobile Learning via Short Message Service with a Paper Based Method in learning rates

Purpose

Other

Inclusion/Exclusion criteria

Inclusion criteria : assistants of gynecology-obstetrics.
exclusion criteria: not participate in all tests

Age

No age limit

Gender

Female

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 23

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Single

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Tehran University of Medical Sciences Deputy of Research

Street address

Qods St, Keshavarz Blvd

City

Tehran

Postal code

1417653761

Approval date

2012-08-01, 1391/05/11

Ethics committee reference number

60423

Health conditions studied

1

Description of health condition studied

The learning

ICD-10 code

-

ICD-10 code description

-

Primary outcomes

1

Description

The learning rates

Timepoint

Before,16 day and 1 month after intervention

Method of measurement

Questionnaire

Secondary outcomes

1

Description

Satisfaction of the learning methods

Timepoint

16 days after intervention

Method of measurement

Questionnaire

Intervention groups

1

Description

Intervention included:Electronic Learning Method : 54 messages about epidemiology, screening, manifestations, diagnosis and staging of breast cancer that are sent via cell phone to the residents during 16 days (2 or 3 SMS daily) .

Category

Other

2

Description

Also Paper Based Method:7-pages booklet about breast cancer treatment was given to residents during 16-day period.

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Arash Women 's Hospital,

Full name of responsible person

Sadaf Alipour/Assistant Professor/ Department of Surgery

Street address

Rashid Ave, Resalat Highway, Tehranparse,Tehran.Iran

City

Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Sciences. Deputy of

research

Full name of responsible person

Akbar Fotohi

Street address

Qods St,Keshavarz Blvd

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. Deputy of research

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

Full name of responsible person

Shahrzad Jafari

Position

Jeneral practitioner/Employee of Research Development Center

Other areas of specialty/work

Street address

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Person responsible for scientific inquiries

Contact

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Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Tehran University of Medical Sciences

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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