

Clinical Trial Protocol

Iranian Registry of Clinical Trials

03 Aug 2026

The investigation of hearing loss due to short-term exposure to mobile jammer device in 18-27 years students.

Protocol summary

Summary

Study purpose: Promotion of radioactive hygiene and individuals' health level exposed to the jammer radiation. studied population: 70 individuals in the range of 18-27 years old. This 70 individuals are exposed to the jammer radiation for one hour and they are then checked with audiometry. Short-time headache can be the jammer radiation's probable consequence.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015050922173N1**

Registration date: **2015-10-29, 1394/08/07**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-10-29, 1394/08/07

Registrant information

Name

Behshid Javidsharify

Name of organization / entity

Shiraz University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 71 3624 2410

Email address

javidsharify@sums.ac.ir

Recruitment status

Recruitment complete

Funding source

Shiraz University of Medical Sciences

Expected recruitment start date

2015-05-22, 1394/03/01

Expected recruitment end date

2015-08-23, 1394/06/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The investigation of hearing loss due to short-term exposure to mobile jammer device in 18-27 years students.

Public title

The investigation of mobile jammer's effect on hearing

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion: male and female students between 18 to 27 years old without any problems in hearing system.

Exclusion: male and female students who are not in the range of 18 to 27 years old or who has the record of any kind of surgery in hearing system.

Age

From **18 years** old to **27 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **70**

Randomization (investigator's opinion)

N/A

Randomization description

Blinding (investigator's opinion)

Not blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features**Secondary Ids**

empty

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

shiraz university of medical science ethics committee

Street address

shiraz-zand street-medical science university

City

shiraz

Postal code**Approval date**

2014-09-07, 1393/06/16

Ethics committee reference number

ct-2014-228

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

Hearing loss

ICD-10 code

H90-0

ICD-10 code description

Conductive hearing loss,bilateral

Primary outcomes**1****Description**

Hearing loss

Timepoint

One hour after exposed

Method of measurement

Audiometry

Secondary outcomes

empty

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

70 students of 18-27 years old have been examined and exposed to jammer radiation for one hour,and they are then checked with audiometry.This test doesnt have any

contorol group.

Category

Diagnosis

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

shiraz university of medical science

Full name of responsible person

behshid javidsharify medical student

Street address

zand street medical university

City

shiraz

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

Shiraz University of Medical Sciences

Full name of responsible person

DR Kazem Samadi

Street address

Shiraz Medical University, Zand Street

City

Shiraz

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

Yes

Title of funding source

Shiraz University of Medical Sciences

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**

Shiraz University of Medical Sciences

Full name of responsible person

Behshid Javidsharify

Position

Medical Student , Intern

Other areas of specialty/work**Street address**

Shiraz Medical University , Zand Street

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Web page address**Person responsible for updating data****Contact****Name of organization / entity**

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Full name of responsible person

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Fax**Email****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