

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

21 Jul 2026

### Effect of Eye Movement Desensitization and Reprocessing ( EMDR) on death anxiety in patients with gastrointestinal cancer

#### Protocol summary

##### Study aim

Determination of the effect of sensitization with eye movements and re-processing on death anxiety in patients with gastroesophageal cancer in Qazvin province hospital in 1397

##### Design

Clinical practice with two groups of intervention and control, randomized

##### Settings and conduct

In intervention group, Eye Movement Desensitization and Reprocessing treatment method was done individually conduct for each patient in the consultation room 90 minutes, within 5 sessions over a month.

##### Participants/Inclusion and exclusion criteria

Intolerance to anxiety and reluctance to continue participating in the study; The desire to participate in this study; Diagnosis of cancer by a specialist; Non-cardiovascular disease; Ability to collaborate and answer questions;

##### Intervention groups

Patients are divided into two groups of intervention and control. An intervention group and a control group. In the intervention group, sensitization was performed with eye movement and re-processing. The control group did not receive any intervention and only the questionnaire was redistributed on time and data were collected.

##### Main outcome variables

death anxiety ; Eye movement desensitization and reprocessing

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20190613043885N1**

Registration date: **2019-11-23, 1398/09/02**

Registration timing: **retrospective**

Last update: **2019-11-23, 1398/09/02**

Update count: **0**

##### Registration date

2019-11-23, 1398/09/02

##### Registrant information

###### Name

Najime Fotovat

###### Name of organization / entity

###### Country

Iran (Islamic Republic of)

###### Phone

+98 31 3451 9369

###### Email address

n.fotovat@qums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2019-02-20, 1397/12/01

##### Expected recruitment end date

2019-06-21, 1398/03/31

##### Actual recruitment start date

2019-03-21, 1398/01/01

##### Actual recruitment end date

2019-07-22, 1398/04/31

##### Trial completion date

2019-07-22, 1398/04/31

##### Scientific title

Effect of Eye Movement Desensitization and Reprocessing ( EMDR) on death anxiety in patients with gastrointestinal cancer

##### Public title

Effect of Eye Movement Desensitization and Reprocessing ( EMDR) on death anxiety

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

**Inclusion criteria:**

The desire to participate in this study  
Not having other psychological problems  
People have not participated in any training course to relieve anxiety  
Being aware of the cancer  
Ability to cooperate and answer questions  
Diagnosis of cancer by a specialist  
Not Strabismus  
Non-Cardiovascular disease

**Exclusion criteria:**

Cancer of other organs of the body

**Age**

No age limit

**Gender**

Both

**Phase**

N/A

**Groups that have been masked**

No information

**Sample size**

Target sample size: **66**

Actual sample size reached: **66**

**Randomization (investigator's opinion)**

Randomized

**Randomization description**

Randomized The randomization algorithm is performed using Smith's method. By using randomized blocks method (four blocks of letters A and B), eligible samples are assigned to two intervention groups. The randomization tool consists of some cards which have a combinations of two letters A and two letters B. These combinations are then randomly selected each time to determine how the four samples are placed in 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 Qazvin University of Medical Sciences

**Street address**

Bahonar Street, Golestan Residence, University of Medical Sciences

**City**

Qazvin

**Province**

Qazvin

**Postal code**

3419915315

**Approval date**

2018-12-30, 1397/10/09

**Ethics committee reference number**

IR.QUMS.REC.1397.259

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

death anxiety

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

death anxiety

**Timepoint**

Measurement of anxiety death before intervention and immediately after intervention

**Method of measurement**

Templer death anxiety inventory

**Secondary outcomes**

empty

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

Intervention group: Sensitization with eye movements and re-processing. The method of doing this study is to move the fingers and retrieve the memory of the annoying events simultaneously and to replace the pleasant memories with the annoying ones. In this way, the patient is asked to follow the intervening finger movements while contemplating the disturbing events, and in the next step the patient is asked to close his or her mind and think of a positive memory and take a few deep breaths.

**Category**

Treatment - Other

**2****Description**

Control group: In the control group, no intervention will be performed and the subjects will complete the questionnaires on time.

**Category**

Treatment - Other

**Recruitment centers**

## 1

### Recruitment center

**Name of recruitment center**

Velayat Hospital

**Full name of responsible person**

Dr. Ali Akbar Karami

**Street address**

Ghazvin Bahonar Street Golestan Dormitory

**City**

Qazvin

**Province**

Qazvin

**Postal code**

3419915315

**Phone**

+98 28 3333 6001

**Fax**

+98 28 3335 5162

**Email**

N.fotovat@qums.ac.ir

## Sponsors / Funding sources

### 1

**Sponsor****Name of organization / entity**

Qazvin University of Medical Sciences

**Full name of responsible person**

Dr. Mohammad Sheikhi

**Street address**

Qazvin, Golestan Residence, Bahonar Street

**City**

Qazvin

**Province**

Qazvin

**Postal code**

3419915315

**Phone**

+98 28 3333 6001

**Fax**

+98 28 3335 5162

**Email**

najme.ftv@gmail.com

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

Yes

**Title of funding source**

Qazvin 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**

Qazvin University of Medical Sciences

**Full name of responsible person**

Najime Fotovat

**Position**

student of university

**Latest degree**

Master

**Other areas of specialty/work**

Nursery

**Street address**

Qazvin, Golestan Residence, Bahonar Street

**City**

Qazvin

**Province**

Qazvin

**Postal code**

3419915315

**Phone**

+98 982833336001

**Email**

najme.ftv@gmail.com

## Person responsible for scientific inquiries

**Contact****Name of organization / entity**

Qazvin University of Medical Sciences

**Full name of responsible person**

Najime Fotovat

**Position**

student of university

**Latest degree**

Master

**Other areas of specialty/work**

Nursery

**Street address**

Qazvin Bahonar Street

**City**

Qazvin

**Province**

Qazvin

**Postal code**

3419915315

**Phone**

+98 28 3333 6001

**Email**

najme.ftv@gmail.com

**Web page address**

<http://hosqods.qums.ac.ir/>

## Person responsible for updating data

**Contact****Name of organization / entity**

Qazvin University of Medical Sciences

**Full name of responsible person**

najime fotovat

**Position**

student of university

**Latest degree**

Master

**Other areas of specialty/work**

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**Street address**

Ghazvin Bahonar Street Golestan Dormitory

**City**

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+98 28 3333 6001

**Email**

najme.ftv@gmail.com

**Web page address**

<http://www.qums.ac.ir/>

**Sharing plan****Deidentified Individual Participant Data Set (IPD)**

Undecided - It is not yet known if there will be a plan to make this available

**Study Protocol**

No - There is not a plan to make this available

**Statistical Analysis Plan**

Undecided - It is not yet known if there will be a plan to make this available

**Informed Consent Form**

No - There is not a plan to make this available

**Clinical Study Report**

Undecided - It is not yet known if there will be a plan to make this available

**Analytic Code**

Undecided - It is not yet known if there will be a plan to make this available

**Data Dictionary**

Undecided - It is not yet known if there will be a plan to make this available