

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

06 Jul 2026

### Comparison of the effectiveness of video communication with family and absence of video and face-to-face visits with the family on death anxiety in Elderly patients with Covid 19 hospitalized

#### Protocol summary

##### Study aim

Determining the effect of visual communication with family on anxiety of death of elderly patients with Covid 19 hospitalized in corona wards of Imam Khomeini Hospital in Esfarayen

##### Design

In this study, the sample size is 60 people, of which 30 balls for the intervention group and 30 balls for the control group are placed in a lottery container and then the balls are randomly removed from the container without replacement and the created sequence is recorded.

##### Settings and conduct

The sample in this study will include elderly patients with Covid 19 admitted to Imam Khomeini Hospital in Esfarayen who meet the inclusion criteria and the study will be conducted by selecting two groups of intervention and control.

##### Participants/Inclusion and exclusion criteria

Inclusion criteria No simultaneous participation in similar interventions Age 60 to 74 years - The amount of blood oxygen measured by the pulse oximeter is above 88%.  
Not having a psychological and incurable disease  
Inclusion criteria - The patient is unwilling to participate in the research for any reason - Occurrence of severe stressful events for the patient at the time of sampling for study (such as the death of first-degree relatives and the death of other ward patients)

##### Intervention groups

Video call twice a day for three days and each call for 5 to 7 minutes for the intervention group, but in the control group no intervention will be performed

##### Main outcome variables

Anxiety of death

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20220122053782N1**

Registration date: **2022-07-13, 1401/04/22**

Registration timing: **retrospective**

Last update: **2022-07-13, 1401/04/22**

Update count: **0**

##### Registration date

2022-07-13, 1401/04/22

##### Registrant information

##### Name

Delaram Ravaei

##### Name of organization / entity

Tehran Azad University of Medical Sciences

##### Country

Iran (Islamic Republic of)

##### Phone

+98 58 3724 0787

##### Email address

p.f.sehand.esf1473@gmail.com

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2022-02-09, 1400/11/20

##### Expected recruitment end date

2022-05-20, 1401/02/30

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

### Scientific title

Comparison of the effectiveness of video communication with family and absence of video and face-to-face visits with the family on death anxiety in Elderly patients with Covid 19 hospitalized

### Public title

The effect of visual communication with family on anxiety of death of elderly patients with Covid 19 hospitalized

### Purpose

Prevention

### Inclusion/Exclusion criteria

#### Inclusion criteria:

Age 60 to 74 years Blood oxygen level measured by pulse oximeter is above 88%. Lack of psychological and incurable diseases

#### Exclusion criteria:

The patient is unwilling to participate in the research for any reason Occurrence of severe stressful events for the patient at the time of sampling for study (such as the death of first-degree relatives and the death of other ward patients)

### Age

From **60 years** old to **74 years** old

### Gender

Both

### Phase

N/A

### Groups that have been masked

*No information*

### Sample size

Target sample size: **60**

### Randomization (investigator's opinion)

Randomized

### Randomization description

Random allocation First determine a total sample volume, then randomly assign a set of them to group A and the rest to group B. In this study, the sample size is 60 people, of which 30 balls for group A and 30 balls for group B are placed in a lottery container, and then the balls are randomly removed from the container without replacement and the sequence created is recorded.

### Blinding (investigator's opinion)

Not blinded

### Blinding description

### Placebo

Not used

### Assignment

Other

### Other design features

Grouping includes two groups of control and intervention.

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

##### Name of ethics committee

Ethics Committee of Tehran Azad University of Medical Sciences

##### Street address

No. 16 West, West Ice Flower, Ayeneh Blvd, Shahid Paberja, Gholhak Intersection, Shariati St. Tehran

##### City

Tehran

##### Province

Tehran

##### Postal code

1949630881

#### Approval date

2022-02-22, 1400/12/03

#### Ethics committee reference number

IR.IAU.TMU.REC.1400.283

## Health conditions studied

### 1

#### Description of health condition studied

Covid 19

#### ICD-10 code

U07.1

#### ICD-10 code description

COVID-19, virus identified

## Primary outcomes

### 1

#### Description

Anxiety of death in elderly patients with hospitalized Quid

#### Timepoint

Before the intervention and one day after the intervention

#### Method of measurement

Through the Templer Death Anxiety Questionnaire in a quantitative manner

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Intervention group: Make a video call twice a day for three days and each call for 5 to 7 minutes in an elderly patient with Covid 19

#### Category

Prevention

## 2

### Description

Control group: No intervention will be performed in the control group and the Templer death anxiety questionnaire will be completed by them on the first and fourth day of hospitalization.

### Category

Prevention

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Corona wards of Imam Khomeini Hospital in Esfarayen

##### Full name of responsible person

Delaram Ravaei

##### Street address

Imam Reza Street

##### City

Esfarayen

##### Province

North Khorasan

##### Postal code

9661864184

##### Phone

+98 58 3722 6004

##### Email

p.f.sehand.esf1473@gmail.com

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Tehran Azad University of Medical Sciences

##### Full name of responsible person

Delaram Ravaei

##### Street address

Sattari St., Hesarak Martyrs

##### City

Tehran

##### Province

Tehran

##### Postal code

9661864184

##### Phone

+98 936 679 8555

##### Email

p.f.sehand.esf1473@gmail.com

##### Grant name

##### Grant code / Reference number

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

Yes

##### Title of funding source

Tehran Azad University of Medical Sciences

##### Proportion provided by this source

50

### 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

Tehran Azad University of Medical Sciences

#### Full name of responsible person

Delaram Ravaei

#### Position

Master student of Internal Surgery Nursing

#### Latest degree

Bachelor

#### Other areas of specialty/work

Nursery

#### Street address

Taleghani street

#### City

Esfarayen

#### Province

North Khorasan

#### Postal code

9661864184

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+98 58 3724 0787

#### Email

p.f.sehand.esf1473@gmail.com

## Person responsible for scientific inquiries

### Contact

#### Name of organization / entity

Tehran Azad University of Medical Sciences

#### Full name of responsible person

Delaram Ravaei

#### Position

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#### Latest degree

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#### Other areas of specialty/work

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## Person responsible for updating data

### Contact

**Name of organization / entity**

Tehran Azad University of Medical Sciences

**Full name of responsible person**

Delaram Ravaei

**Position**

Master student of Internal Surgery Nursing

**Latest degree**

Bachelor

**Other areas of specialty/work**

Nursery

**Street address**

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**Province**

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**Postal code**

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**Phone**

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**Email**

p.f.sehand.esf1473@gmail.com

## Sharing plan

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

Yes - There is a plan to make this available

**Study Protocol**

Yes - There is a plan to make this available

**Statistical Analysis Plan**

Yes - There is a plan to make this available

**Informed Consent Form**

Yes - There is a plan to make this available

**Clinical Study Report**

Yes - There is a plan to make this available

**Analytic Code**

Yes - There is a plan to make this available

**Data Dictionary**

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

**Title and more details about the data/document**

All data can be shared after unidentified individuals

**When the data will become available and for how long**

The access period starts one month after the results are published

**To whom data/document is available**

Researchers working in academic and scientific institutions

**Under which criteria data/document could be used**

Analyzes that, according to the project statistics consultant, do not interfere. The use of documents for scientific research is unrestricted.

**From where data/document is obtainable**

Delaram Ravaei p.f.sehand.esf1473@gmail.com

**What processes are involved for a request to access data/document**

The request for documents should be sent to the registered email, then the request will be answered about three days after consulting the research team.

**Comments**