Clinical Trial Protocol
Iranian Registry of Clinical Trials

17 Sep 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
۱۹۴۹۶۳۵۸۸۱

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

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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

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Person responsible for scientific inquiries

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Person responsible for updating data

Contact

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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