

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

03 Jul 2026

### The effect of rehabilitation program on pressure ulcer on its risk factors in patients with susceptibility to pressure ulcers admitted in Rehabilitation Hospital

#### Protocol summary

##### Study aim

The effect of Implementation of pressure wound rehabilitation program on its risk factors in patients

##### Design

The quasi-experimental before and after a group of at least 35 individuals are selected in accessible form and examined before and after

##### Settings and conduct

This study is done at Rafidean Rehabilitation Hospital. The participants in the study are assessed using the Bradan scale and the entry score is recorded. Then, the study was conducted by the researcher based on the prevention of compression scars for 4 sessions of 1 hour in 4 days. And the rehab team is formed based on the needs of the patient and the family in their presence. After three weeks, the risk score of the compression wound is measured and the score is compared before and after the intervention.

##### Participants/Inclusion and exclusion criteria

Criteria for entering the study :Braden is 18 or less , varying degrees of motor restriction. Exit criteria: hospital stay less than 3 weeks

##### Intervention groups

After obtaining the consent of the study, the participants in the study are assessed using the Bradan scale and the entry score is recorded. Then, the training is carried out by the researcher based on the prevention of compression wound for 4 sessions of 1 hour in 4 days. And the rehabilitation team's actions are carried out according to the needs of the patient and the family in their presence and after three weeks the Risk rating of pressure ulcers is measured and the score is compared before and after the intervention.

##### Main outcome variables

risk of pressure ulcer

#### General information

##### Reason for update

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT20170831036008N2**

Registration date: **2018-08-30, 1397/06/08**

Registration timing: **retrospective**

Last update: **2018-08-30, 1397/06/08**

Update count: **0**

##### Registration date

2018-08-30, 1397/06/08

##### Registrant information

##### Name

fahimeh golmohammadi

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 21 2218 0083

##### Email address

fa.golmohammadi@uswr.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

##### Expected recruitment start date

2018-01-20, 1396/10/30

##### Expected recruitment end date

2018-04-20, 1397/01/31

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

**Scientific title**

The effect of rehabilitation program on pressure ulcer on its risk factors in patients with susceptibility to pressure ulcers admitted in Rehabilitation Hospital

**Public title**

The effect of pressure ulcers rehabilitation program on the risk factors of pressure ulcers

**Purpose**

Other

**Inclusion/Exclusion criteria****Inclusion criteria:**

Score less than 18 points from the Braden scale Age over 18 years old Different degrees of movement constraints or needing to use mobility aids to move

**Exclusion criteria:**

Less than 3 weeks in hospital

**Age**

From **18 years** old

**Gender**

Both

**Phase**

N/A

**Groups that have been masked**

*No information*

**Sample size**

Target sample size: **35**

**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**

Ethics Committee of the University of Social Welfare and Rehabilitation Sciences

**Street address**

kodakyar street ., daneshjo Boulevard., Evin

**City**

Tehran

**Province**

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**Postal code**

1985713834

**Approval date**

2017-09-24, 1396/07/02

**Ethics committee reference number**

IR.USWR.REC.1396.218

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

Diseases requiring rehabilitation

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

Risk of pressure ulcer

**Timepoint**

Before intervention , 7 , 14 , 21 days after intervention

**Method of measurement**

Braden scale

**Secondary outcomes****1****Description**

Risk rating of pressure ulcers

**Timepoint**

Before admission, the first and second weeks and during discharge

**Method of measurement**

braden scale

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

Patients who are at risk for pressure ulcers and other criteria (score less than 18 based on Brad's scale) are included in the study. At first, a meeting will be held with the presence of members of the rehab team to explain how the work process will work and how and to what extent, and the stages of the research. For 4 sessions of 1 hour, during 4 days, training was given to the patient and the family based on knowledge of compression, moisture and friction, changes in position and displacement, nutrition, and medication, and during the following days until the end of the study, the patient was given the training in terms of training. It is checked for the needs of the patient, and the rehabilitation team (consisting of the patient and family from the nurse, occupational therapist, physiotherapist, psychologist, psychiatrist, physician, social worker) is formed for the patient. In the team you are considering the necessary measures or changing interventions and treatment and discussing the team and the theme

**Category**

Rehabilitation

## Recruitment centers

1

### Recruitment center

**Name of recruitment center**

Rofeideh rehabilitation hospital

**Full name of responsible person**

Narges arsalani

**Street address**

Nemati Alley, Soleimani Brothers Street, Andersug Blvd, Qeitariyeh, Rehabilitation Hospital

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Na.arsalani@uswr.ac.ir

## Sponsors / Funding sources

1

### Sponsor

**Name of organization / entity**

University of social welfare and rehabilitation sciences

**Full name of responsible person**

Masud arab lodariche

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Kodakystreet., daneshjo Blvd.,Evin .,Tehran

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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**

University of social welfare and rehabilitation sciences

**Proportion provided by this source**

85

**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**

University of social welfare and rehabilitation sciences

**Full name of responsible person**

Narges Arsalani

**Position**

Associate Professor

**Latest degree**

Ph.D.

**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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University of social welfare and rehabilitation sciences

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## 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**

Undecided - It is not yet known if there will be 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