

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

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Email address

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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

Tehran

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

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

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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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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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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