

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Application of Roy's Adaptation Model to Promote Psychosocial Status of Patients with CVA

Protocol summary

Summary

The aim of this study was to Application of biological aspect of Roy's Adaptation Model to Promote Psychosocial Status of Patients With Cerebrovascular accident. Participation in care plan by the doctors ; awareness of time, place, and individuals ; absence of visual and hearing problem, of musculoskeletal disorders that prevent fulfillment of care plan, experiencing CVA for the first time ; tendency, motivation and ability to receive training and execute care plan. Exclusion criteria: Disinclination of the patients to continue care plan and absence for minimal two sessions during the study was considered as exclusion criteria. In this clinical trial, 50 CVA patients through accessibility sampling were selected from hospitals of Isfahan during 2014-2015 and randomly assigned to two groups of similar size. The data was collected through researchers' developed form of recognition and review of Roy's model. The care plan was developed based on the maladaptation behaviors and their stimuli which were implemented in the intervention group and follow-up study was also done. The control group received routine cares. The effect of program based on Roy model in psychosocial level of adaptation in stroke patients were studied.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015061618339N2**
Registration date: **2015-10-13, 1394/07/21**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-10-13, 1394/07/21

Registrant information

Name

Nasrollah Alimahammadi

Name of organization / entity

Isfahan University of Medical Sciences

Country

Iran (Islamic Republic of)

Phone

+98 31 3792 2918

Email address

alimohammadi@nm.mui.ac.ir

Recruitment status

Recruitment complete

Funding source

Isfahan University of Medical Sciences

Expected recruitment start date

2013-12-02, 1392/09/11

Expected recruitment end date

2014-02-20, 1392/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Application of Roy's Adaptation Model to Promote Psychosocial Status of Patients with CVA

Public title

Roy Adaptation Model

Purpose

Supportive

Inclusion/Exclusion criteria

Inclusion criteria: Participation in care plan by the doctors ; awareness of time, place, and individuals ; absence of visual and hearing problem, of musculoskeletal disorders that prevent fulfillment of care plan, experiencing CVA for the first time ; tendency,

motivation and ability to receive training and execute care plan Exclusion criteria: Disinclination of the patients to continue care plan and absence for minimal two sessions during the study was considered as exclusion criteria

Age

From **18 years** old to **80 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: **50**

Randomization (investigator's opinion)

Randomized

Randomization description

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 the Isfahan University of Medical Sciences

Street address

Isfahan University of Medical Sciences , Street Hezarjarib

City

Isfahan

Postal code

8174673461

Approval date

2013-12-01, 1392/09/10

Ethics committee reference number

11/3473/3

Health conditions studied

1

Description of health condition studied

Brain Stroke

ICD-10 code

I69.4

ICD-10 code description

Sequelae of stroke, not specified as haemorrhage or

infarction

Primary outcomes

1

Description

Psychosocial Status

Timepoint

Before Intervention and 2 Months after Intervention

Method of measurement

AdaptationI Questionnaire

Secondary outcomes

1

Description

Adaptation Level

Timepoint

Preintervention and 2 months after Intervention

Method of measurement

Adaptation Level Questionnaire

Intervention groups

1

Description

"Control Group:One Educational Session"

Category

Rehabilitation

2

Description

"Intervention Group:The training program based on the Roy adaptation model of the four sessions of 90-60 minutes and one month follow-up

Category

Rehabilitation

Recruitment centers

1

Recruitment center

Name of recruitment center

Isfahan Al Zahra Hospital

Full name of responsible person

Doctor Nasrollah Alimohammadi

Street address

Nursing and Midwifery Faculty, Isfahan University of Medical Sciences, Isfahan, Iran

City

Isfahan

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Isfahan University of Medical Sciences

Full name of responsible person

Doctor Mehdi Nematbakhsh

Street address

Vice Chancellor for Research of Isfahan University of Medical Sciences

City

Isfahan

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

Yes

Title of funding source

Isfahan University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin**Type of organization providing the funding**

empty

Person responsible for general inquiries

Contact**Name of organization / entity**

Isfahan University of Medical Sciences

Full name of responsible person

Doctor Nasrollah Alimohammadi

Position

Nursing phd, Vice-Chancellery for Education, Nursing and midwifery faculty

Other areas of specialty/work**Street address**

Nursing and Midwifery faculty, University of Medical Sciences, Hezarjar Street b

City

Isfahan

Postal code

8174673461

Phone

+98 31 3792 2918

Fax

+98 31 3669 9398

Email

alimahammadi@nm.mui.ac.ir

Web page address

Person responsible for scientific inquiries

Contact**Name of organization / entity**

Isfahan University of Medical Sciences

Full name of responsible person

Doctor Nasrollah Alimohammadi

Position

Nursing PhD

Other areas of specialty/work**Street address**

Nursing and Midwifery faculty, Isfahan University of Medical Sciences, Hezarjrib Street

City

Isfahan

Postal code**Phone**

+98 34 3792 2950

Fax**Email**

alimahammadi@nm.mui.ac.ir

Web page address

Person responsible for updating data

Contact**Name of organization / entity**

Isfahan University of Medical Sciences

Full name of responsible person

Doctor Nasrollah Alimohammadi

Position

Nursing PhD

Other areas of specialty/work**Street address**

Nursing and Midwifery faculty, Isfahan University of Medical Sciences, Hezarjerib Street

City

Isfahan

Postal code**Phone**

+98 31 3792 7516

Fax**Email**

alimahammadi@nm.mui.ac.ir

Web page address

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty