

Clinical Trial Protocol

Iranian Registry of Clinical Trials

12 Jul 2026

Investigation effect of the planned nursing cares on the elimination of urinary retention in patients after cardiacangiography ; a randomized clinical trial

Protocol summary

Summary

Objectives: The purpose of this study is to compare effect of planned nursing cares with routine nursing cares on elimination of urinary retention of patients after cardiac angiography. **Design:** Randomized Clinical Trial. **Methods:** The patient undergoing cardiac catheterization during the study refer to the Tohid Hospital in case of eligibility will be enrolled in the study. **Inclusion criteria:** All samples are male, do not have a history of urinary retention in the past, For all samples angiography via the femoral artery (thigh) will be done and via same doctor. **Exclusion criteria:**Patients who have a history of urinary problems, will be deleted. **Sample size** is 100. **Intervention group:** In Intervention group (n = 50) Planned nursing interventions such as: putting the patient in a natural position (encourage patient to semi-sitting positions in bed), open the tap room and hear the voice of it by the patient, put the patient' hands in hot water, putting hot water bottle on patients' bladder and massage bladder gently pressing down with hands (the crede Manor) will be done. **control group:**In the control group (n = 50) Just routine cares including: education of correct urination and putting basin and urinary tube at bedside will be done.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2016110426309N1**
Registration date: **2017-02-12, 1395/11/24**
Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-02-12, 1395/11/24

Registrant information

Name

Mohammad Iraj Bagheri Saweh

Name of organization / entity

School of Nursing and Midwifery/Kurdistan University
Of Medical Sciences

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for researchfor the Technology,Kurdistan
University of Medical Sciences

Expected recruitment start date

2016-02-20, 1394/12/01

Expected recruitment end date

2017-02-19, 1395/12/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Investigation effect of the planned nursing cares on the
elimination of urinary retention in patients after
cardiacangiography ; a randomized clinical trial

Public title

Investigation effect of the planned nursing cares on the
elimination of urinary retention in patients after
cardiacangiography

Purpose

Prevention

Inclusion/Exclusion criteria
Inclusion criteria: All samples are male, do not have a history of urinary retention in the past. Exclusion criteria: Patients who have a history of diabetes. Patients who have a history of urinary problems, such as: prostate and surgical resection of the prostate (prostatectomy), urinary incontinence and urinary retention.

Age
From **20 years** old to **75 years** old

Gender
Male

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **100**

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features
Randomization: The patients will be randomly assigned to intervention and control groups using block randomization. Blinding: Not possible.

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee Of Kurdistan University Of Medical Sciences

Street address

Sanandaj- Pasdaran Street

City

Sanandaj

Postal code

Approval date

2015-11-22, 1394/09/01

Ethics committee reference number

OR.MUK.REC.1394.239

Health conditions studied

1

Description of health condition studied

Cardiac catheterization

ICD-10 code

Y84.0

ICD-10 code description

Cardiac catheterization

Primary outcomes

1

Description

acute urinary retention

Timepoint

before and after cardiac catheterization

Method of measurement

through physical examination

Secondary outcomes

1

Description

-

Timepoint

-

Method of measurement

-

Intervention groups

1

Description

Planned nursing interventions such as: putting the patient in a natural position (encourage patient to semi-sitting positions in bed), open the tap room and hear the voice of it by the patient, put the patient' hands in hot water, putting hot water bottle on patients' bladder and massage bladder gently pressing down with hands (the crede Manor) will be done.

Category

Other

2

Description

Just routine cares including: education of correct urination and putting basin and urinary tube at bedside

Category

Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Tohid Hospital

Full name of responsible person

Mohammad Iraj Bagheri Saweh

Street address

City

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice-chancellor for Research the Technology,
Kurdistan University of Medical Sciences

Full name of responsible person

Dr Rezaee

Street address

Pasdaran Street, Sanandaj, Kurdistan

City

Sanandaj

Grant name

Grant code / Reference number

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

Yes

Title of funding source

Vice-chancellor for Research the Technology, Kurdistan
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

Tohid Hospital

Full name of responsible person

Mohammad Iraj Bagheri Saweh

Position

Faculty member of Kurdistan University of Medical
Sciences

Other areas of specialty/work

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Full name of responsible person

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Position

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University of Medical Sciences

Other areas of specialty/work

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Person responsible for updating data

Contact

Name of organization / entity

Tohid Hospital- Kurdistan University Of Medical
Sciences

Full name of responsible person

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Position

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Sciences-School of Nursing and Midwifery

Other areas of specialty/work

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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