Clinical Trial Protocol
Iranian Registry of Clinical Trials

09 Nov 2026

The effect of sexual health discharge planning on the sexual function of patients undergoing transurethral resection of prostate (TURP)

Protocol summary

Study aim

Determine the Effect of sexual health discharge planning on the sexual function of patients undergoing (TURP)

Design

The research community is TURP patients in the Urology Department of Bahman Zanjan Hospital. After initial evaluation, the patients are entered into intervention and control groups based on the random allocation of the 4th block. The sample size was calculated based on the literature review. The discharge planning for intervention group is based on a valid and standard program.

Settings and conduct

this study is a randomized control trial with intervention and controll group. The research area is the Urology Department Bahman Zanjan Hospital. Intervention is also a training program for discharge from the time of entry to the time of discharge in 3 sessions 30 to 45 minutes.

Participants/Inclusion and exclusion criteria

Age under 85 years. Do not use of antidepressants, anti-psychotic drugs, phosphodiesterase inhibitors and addictive drugs. Having satisfaction of client. Not having untreated psychological problems. Having no history of pelvic floor muscle surgery and CABG. Not having atherosclerotic diseases and nervous system.

Intervention groups

discharge planning is being developed in the role of Psychological state and convictions in sexual function, the role of fatigue in sexual function, exercise pelvic floor muscles to improve performance and sexual activity with control of urinary incontinence and other mechanisms, the role of physical activity in improving sexual function and the importance of the management of lower urinary tract symptoms and urinary incontinence satisfaction of sexual function and desire to do it. For the control group, training was also carried out on the standard of department.

Main outcome variables

sexual function

General information

Reason for update

Acronym

IRCT registration information

IRCT registration number: **IRCT20180917041052N1**
Registration date: **2018-10-29, 1397/08/07**
Registration timing: **registered_while_recruiting**

Last update: **2018-10-29, 1397/08/07**
Update count: **0**

Registration date

2018-10-29, 1397/08/07

Registrant information

Name

Ramin Bayat

Name of organization / entity

Country

Iran (Islamic Republic of)

Phone

+98 24 3355 3313

Email address

baiatramin@gmail.com

Recruitment status

Recruitment complete

Funding source

Expected recruitment start date

2018-10-07, 1397/07/15

Expected recruitment end date

2019-03-25, 1398/01/05

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of sexual health discharge planning on the sexual function of patients undergoing transurethral resection of prostate (TURP)

Public title
The effect of sexual health discharge planning on the sexual function of patients undergoing transurethral resection of prostate (TURP)

Purpose
Treatment

Inclusion/Exclusion criteria

Inclusion criteria:
Men under the age of 85 under TURP surgery. not Consumption of antidepressants or anti-psychotic drugs. Lack of addictive substances such as opium, alcohol and cocaine compounds. Not participating in previous sexual health programs. Having patient satisfaction to participate in the study. Married men. Not having untreated psychological problems. Have not history of pelvic floor muscle surgery. No use of phosphodiesterase inhibitors (PDE). Having no history of CABG. Lack of atherosclerotic diseases, skeletal and muscular disorders that prevent excessive mobility of the patient. Lack of diseases affecting the nervous system, such as multiple sclerosis, hypogonadism, hyperprolactinemia, dementia, Parkinson's disease, and spinal cord injury.

Exclusion criteria:
Not being educated of client

Age
To **85 years** old

Gender
Male

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: **80**

Randomization (investigator's opinion)
Randomized

Randomization description
the samples will randomly assign to the control and intervention groups by quadruple block method.

Blinding (investigator's opinion)
Not blinded

Blinding description

Placebo
Not used

Assignment
Other

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
The Ethics Committee of the Nursing and Rehabilitation faculty of Tehran

Street address
Faculty of Nursing and Midwifery. East Nusrat Street. Tohid Street. Tehran

City
Tehran

Province
Tehran

Postal code
1419733171

Approval date
2017-06-06, 1396/03/16

Ethics committee reference number
IR.TUMS.FNM.REC.1396.2300

Health conditions studied

1

Description of health condition studied
Benign Prostate Hyperplasia and TURP Surgery

ICD-10 code
N40

ICD-10 code description
Benign prostatic hyperplasia

Primary outcomes

1

Description
sexuall function

Timepoint
Before the intervention. One and three months after the intervention

Method of measurement
based on the IIEF-15 questionnare

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group:in the design of discharge planning, focus was placed on an educational program based on sexual health. its content was based on evidence (from literature review). The program focuses on the role of mental status and beliefs in sexual functioning, the role of fatigue on sexual function, the role of pelvic floor muscle exercises in improving function and sexual activity by controlling urinary incontinence and other mechanisms, the role of physical activity and exercise in sexual performance recovery , And the importance of managing the symptoms of the lower urinary system and urinary incontinence on sexual satisfaction and willingness to do.This program will accomplish in three sessions from 30 to 45 minutes from admission until to

discharge. At the end, the booklet will give to the patient or companion patient, and the researcher's telephone number will give to the client for answer the patient questions.

Category

Treatment - Other

2

Description

Control group: For the control group, training will be performed Based on the standard of the Urology Department

Category

Treatment - Other

Recruitment centers

1

Recruitment center

Name of recruitment center

Department of Urology, Bahman Hospital of Zanjan

Full name of responsible person

Ramin Bayat

Street address

22 Bahman Highway. Bahman Hospital

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Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Tehran University of Medical Science

Full name of responsible person

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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 University of Medical Science

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

Faculty of Nursing and Midwifery

Full name of responsible person

Ramin Bayat

Position

MSc Student

Latest degree

Bachelor

Other areas of specialty/work

Nursery

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Person responsible for scientific inquiries

Contact

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Full name of responsible person

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Latest degree

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Person responsible for updating data

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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
Not applicable
Data Dictionary
Not applicable
Title and more details about the data/document
The abstract, the title of the statement, the method of submission and discussion, and the conclusions will be published. Content available for statistical analysis will be published. In the case of samples, the process is not coded or run. In case of customer satisfaction, proprietary information will be quoted with encoding.
When the data will become available and for how long
After completing the study, its contents will be published in prestigious journals
To whom data/document is available
All people
Under which criteria data/document could be used
In order to improve the sexual function of patients under turp
From where data/document is obtainable
Related magazine site
What processes are involved for a request to access data/document
Available data can be submitted to applicants after request
Comments