

Clinical Trial Protocol

Iranian Registry of Clinical Trials

17 Sep 2026

Comparing the efficacy of biofeedback and exercise in treatment urinary incontinence

Protocol summary

Summary

Aim: Efficacy and comparing of biofeedback and combination biofeedback with abdominal exercise in stress incontinence in grade 2 - 4 score urinary incontinence. Methods: 60 subject with stress incontinence will be selected. They will be divided in two group. One group will be treated with electromyography biofeedback and the other group will receive biofeedback with abdominal exercise. Before and after 3 month, they will be evaluated with muscle test and self-administration international consultation incontinence questionnaire (ICIQ).

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201506246083N9**

Registration date: **2015-07-21, 1394/04/30**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-07-21, 1394/04/30

Registrant information

Name

Abbas Ali Pourmomeny

Name of organization / entity

School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran

Country

Iran (Islamic Republic of)

Phone

+98 31 1792 2024

Email address

pourmomeny@rehab.mui.ac.ir

Recruitment status

Recruitment complete

Funding source

Department of physical therapy, School of Rehabilitation Sciences, Isfahan University of Medical Sciences

Expected recruitment start date

1993-01-01, 1371/10/11

Expected recruitment end date

1995-01-01, 1373/10/11

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparing the efficacy of biofeedback and exercise in treatment urinary incontinence

Public title

Efficacy of biofeedback in urinary incontinence

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: stress incontinence; age more than 18 years. Exclusion criteria: history of surgery in pelvic organ

Age

From **18 years** old to **70 years** old

Gender

Female

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **60**

Randomization (investigator's opinion)

Randomized

Randomization description
Blinding (investigator's opinion)

Single 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 Isfahan University of Medical Sciences

Street address

Isfahan University of Medical Sciences

City

Isfahan

Postal code**Approval date**

2010-09-23, 1389/07/01

Ethics committee reference number

4/ 10 / 93 - 262 / پ / م

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

incontinence

ICD-10 code

N39.3

ICD-10 code description

Stress incontinence

Primary outcomes**1****Description**

muscle test

Timepoint

before and after treatment

Method of measurement

Physical examination

2**Description**

Questionnaire(ouality of life)

Timepoint

before & after

Method of measurement

Questionnaire (ICIQ)

Secondary outcomes

empty

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

group 1:biofeedback therapy

Category

Rehabilitation

2**Description**

group2: biofeedback with abdominal exercise

Category

Rehabilitation

Recruitment centers**1****Recruitment center****Name of recruitment center**

Department of physical therapy, School of Rehabilitation Sciences, Isfahan University of Medical Sci

Full name of responsible person

Abbas ali Pourmomeny

Street address

Department of physical therapy, School of Rehabilitation Sciences,Hazar garib Ave. Isfahan University of Medical Sciences

City

Isfahan

Sponsors / Funding sources**1****Sponsor****Name of organization / entity**

Vice Chancellor for research of Isfahan University of Medical Sciences

Full name of responsible person

Peyman Adibi

Street address

Vice Chancellor for research of Isfahn University of Medical Sciences - Hazargrib Ave. Isfahan University

City

Isfahan

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 of 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

Department of physical therapy, School of
Rehabilitation Sciences, Isfahan University of Medical
Sci

Full name of responsible person

Abbas Ali Pourmomeny

Position

PhD

Other areas of specialty/work

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Web page address

Person responsible for updating data

Contact

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