

Clinical Trial Protocol

Iranian Registry of Clinical Trials

18 Sep 2026

Evaluation of Contractile Radio Frequency(CRF) in the treatment of Female stress urinary incontinence

Protocol summary

Summary

The aim of this study was to investigate the effect of Contractile Radio Frequency on the treatment of urinary incontinence in women with the goal of reducing complications, ease of treatment, and reducing the cost of treatment and improving quality of life. People with urinary incontinence, complete satisfaction to participate in the study, complete Therapeutic and follow-up trends are included in the study. Patients with diabetes, disorders of consciousness, underlying diseases, fecal incontinence, depression, and patients with overactive bladder are excluded from the study process. In a randomized clinical trial, 40 women with Urinary Stress incontinence Investigated by Eurodynamics Have been confirmed were selected and divided into two groups. In each group, 20 patients are enrolled. In the treatment group, the patients will be trained 2 times per week for 12 sessions and 20 minutes each time. The off Contractile Radio Frequency is used in the control group.

Country

Iran (Islamic Republic of)

Phone

+98 21 2271 8021

Email address

laser.cntr@sbmu.ac.ir

Recruitment status

Recruitment complete

Funding source

Shahid Beheshti University of Medical Sciences

Expected recruitment start date

2017-09-23, 1396/07/01

Expected recruitment end date

2018-05-22, 1397/03/01

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201709258146N22**

Registration date: **2017-10-08, 1396/07/16**

Registration timing: **registered_while_recruiting**

Last update:

Update count: **0**

Registration date

2017-10-08, 1396/07/16

Registrant information

Name

Mohammadreza Razaghi

Name of organization / entity

Laser application in medical sciences research center

Scientific title

Evaluation of Contractile Radio Frequency(CRF) in the treatment of Female stress urinary incontinence

Public title

The Effect of Radio Frequency on Treatment of Urinary Incontinence

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criteria: Women with urinary incontinence; Full satisfaction for participation in the study; Complete treatment and follow-up; Exclusion criteria: Patients with diabetes; disorders of consciousness; underlying diseases; fecal incontinence; depression; patients with overactive bladder.

Age

No age limit

Gender

Female

Phase
N/A

Groups that have been masked
No information

Sample size
Target sample size: 40

Randomization (investigator's opinion)
Randomized

Randomization description

Blinding (investigator's opinion)
Double blinded

Blinding description

Placebo
Not used

Assignment
Parallel

Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee
Organizational committee of ethics in biomedical research Shahid Beheshti University of Medical Scie

Street address
7th Floor, Bldg No.2 SBUMS, Arabi Ave, Daneshjoo Blvd, Velenjak

City
Tehran

Postal code

Approval date
2017-09-17, 1396/06/26

Ethics committee reference number
IR.SBMU.REC.1396.111

Health conditions studied

1

Description of health condition studied
stress urinary incontinence

ICD-10 code
N39

ICD-10 code description
Other disorders of urinary system

Primary outcomes

1

Description
The incidence of stress urinary incontinence

Timepoint
Before treatment,two month after the end of treatment

Method of measurement

Eurodynamics

Secondary outcomes

empty

Intervention groups

1

Description
Intervention group: Patients undergo Contractile Radio Frequency with 40-20 Watt and frequency of 1-300kHz at pulse for 2 times a week and 12 sessions for 2 months.

Category
Treatment - Other

2

Description
Control group: Patients undergo off Contractile Radio Frequency.All variables including duration of radiation, duration of radiation and the number of treatment sessions in the control group will be exactly the same as the case group, and treatment will be given by the same physician in this group.

Category
Placebo

Recruitment centers

1

Recruitment center

Name of recruitment center
Laser Application Research Center in Medical Sciences

Full name of responsible person
Dr.Mohammad Reza Razaghi

Street address

City
Tehran

Sponsors / Funding sources

1

Sponsor

Name of organization / entity
Vice chancellor for research,Shahid Beheshti University of Medical Sciences

Full name of responsible person
Dr Afshin Zarghi

Street address
7th Floor, Bldg No.2 SBUMS, Arabi Ave, Daneshjoo Blvd, Velenjak, Tehran, Iran

City
Tehran

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, Shahid Beheshti 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**

Laser Application Research Center in Medical Science

Full name of responsible person

Dr.Mohammad Reza Razaghi

Position

urologist

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

Shohada Hospital-Tajrish

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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