Clinical Trial Protocol
Iranian Registry of Clinical Trials

24 Sep 2026

The Effect of Acupuncture on Pain Score during Extracorporeal Shock Wave Lithotripsy in Patients with Calyx Stones

Protocol summary

Summary

Aim: we decided to evaluate effect of acupuncture on diminishing the pain during ESWL. Design: Patients with stones located in the pelvicalyceal system of the kidney that have been scheduled for ESWL, were visited by Acupuncture specialist before starting ESWL. They randomly divided into two groups of True Acupuncture and Sham acupuncture Subjects: Inclusion criterion: patients candidate ESWL reffered to Imam Reza Hospital. Exclusion criteria: urinary Infection; history of sensory neurologic, bone anomaly, addiction and any pain because renal stone. Intervention: In the first group, acupuncture was carried out in 4 special points of acupuncture for 30 minutes and in the second group acupuncture was ineffectively applied to the same points for 30 minutes. Main outcome measure: Then ESWL was begun and a blind observer relative to acupuncture recorded the intensity of pain using the numeric 0-10 VAS scale.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201210178956N3**
Registration date: **2012-11-04, 1391/08/14**
Registration timing: **retrospective**

Last update:
Update count: **0**

Registration date

2012-11-04, 1391/08/14

Registrant information

Name

Shabnam Mohammadi

Name of organization / entity

Mashhad University of Medical Sciences

Country

Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Mashhad University of Medical Sciences

Expected recruitment start date

2010-08-21, 1389/05/30

Expected recruitment end date

2011-08-21, 1390/05/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The Effect of Acupuncture on Pain Score during Extracorporeal Shock Wave Lithotripsy in Patients with Calyx Stones

Public title

Effect of Acupuncture in ESWL

Purpose

Treatment

Inclusion/Exclusion criteria

Inclusion criterion: patients candidate ESWL reffered to Imam Reza Hospital. Exclusion criteria: urinary Infection; history of sensory neurologic, bone anomaly, addiction and any pain because renal stone.

Age

From **20 years** old to **82 years** old

Gender

Both

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)
Double blinded
Blinding description
Placebo
Used
Assignment
Parallel
Other design features

Secondary Ids

empty

Ethics committees

1

Ethics committee
Name of ethics committee
Mashhad University of Medical Science
Street address
Mashhad
City
Mashhad
Postal code
Approval date
2010-05-12, 1389/02/22
Ethics committee reference number
89017

Health conditions studied

1

Description of health condition studied
Renal Stone
ICD-10 code
ICD-10 code description

2

Description of health condition studied
Acupuncture
ICD-10 code
ICD-10 code description

Primary outcomes

1

Description
Pain
Timepoint
Before and After Intervention
Method of measurement
VAS

Secondary outcomes

empty

Intervention groups

1

Description
control group
Category
Treatment - Other

2

Description
Acupuncture
Category
Other

Recruitment centers

1

Recruitment center
Name of recruitment center
Depatrment of Urology- Imam Reza Hospital
Full name of responsible person
Street address
Mashhad University of Medical Science
City
Mashhad

Sponsors / Funding sources

1

Sponsor
Name of organization / entity
Mashhad University of Medical Sciences
Full name of responsible person
Mrs Esmati
Street address
Mashhad- Ghoreshi Departement
City
Mashhad
Grant name
Grant code / Reference number
Is the source of funding the same sponsor organization/entity?
Yes
Title of funding source
Mashhad 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

Mashhad University of Medical Sciences

Full name of responsible person

Shabnam Mohammadi

Position

PhD student

Other areas of specialty/work

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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