

Clinical Trial Protocol

Iranian Registry of Clinical Trials

27 May 2026

Comparison of classic and inguinal approach efficacy for the Obturator nerve block by nerve stimulator along with spinal anesthesia for the Trans Urethral Resection of the Bladder Tumor

Protocol summary

Summary

Aim: Is to compare the effectiveness of classic and inguinal approach for the Obturator nerve block by nerve stimulator along with spinal anesthesia for the Trans Urethral Resection of the Bladder Tumor. Method: A number of 70 patients who have tumor on lateral wall of bladder and candidate for TURBT were admitted to the study after obtaining written consent at Imam Reza Hospital in Tabriz. Inclusion criteria were patients from 50 to 85 y/o who have been candidate for transurethral resection of the bladder tumor and Exclusion criteria were drug sensitivity; avoidance of patient; addiction; bleeding abnormality and any contraindication for Neuroaxial block. Patients randomly were divided in two groups. In group intervention 1 after infusion of 500 milliliter normal saline patients underwent to Spinal Anesthesia by Bupivacain15mg, 3 milliliter. Then patients positioned for Obturator nerve block by modified inguinal approach. Next in the sterile condition after obtaining stimulation under 0/5millivolt, Obturator nerve was blocked by 10 milliliter of Lidocain.then patients got ready for operation. In group intervention 2 after infusion of 500 milliliter normal saline and spinal anesthesia like the above mentioned method, Obturator nerve block by classic approach. In time of block and operation other one who was not aware of protocol, records all data in point of success rate number of puncture and complication. At the end of surgery, surgeon satisfaction recorded in 4 scale rate. Then all data analyzed and compared.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201608171772N21**
Registration date: **2016-08-21, 1395/05/31**

Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2016-08-21, 1395/05/31

Registrant information

Name

Dawood Aghamohammadi

Name of organization / entity

Tabriz University of Medical Sciences

Country

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Recruitment status

Recruitment complete

Funding source

vice Chancellor for Research, Faculty of Medicine, Tabriz University of Medical Sciences

Expected recruitment start date

2015-06-05, 1394/03/15

Expected recruitment end date

2016-06-04, 1395/03/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of classic and inguinal approach efficacy for the Obturator nerve block by nerve stimulator along with

spinal anesthesia for the Trans Urethral Resection of the Bladder Tumor

Public title

Comparison of classic and inguinal approach for the Obturator nerve block

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: patients from 50 to 85 y/o who have been candidate for Transurethral resection of the bladder tumor. Exclusion criteria: drug sensitivity; avoidance of patient; addiction; bleeding abnormality; any contraindication for neuroaxial block

Age

From **50 years** old to **85 years** old

Gender

Both

Phase

2

Groups that have been masked

No information

Sample size

Target sample size: **70**

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

Ethics committee of Tabriz University of Medical Sciences University of Medical Sciences

Street address

Vice Chancellor for Research-Tabriz University of Medical Sciences- Daneshgah Street Tabriz East Azarbaijan

City

Tabriz

Postal code

Approval date

2015-05-25, 1394/03/04

Ethics committee reference number

TBZMED.REC.1394.171

Health conditions studied

1

Description of health condition studied

Peripheral nerves of lower limb, including hip

ICD-10 code

C47.2

ICD-10 code description

Peripheral nerves of lower limb, including hip

Primary outcomes

1

Description

Number of tries to achive block

Timepoint

in time of procdure

Method of measurement

number of Puncture

Secondary outcomes

1

Description

surgen satisfaction

Timepoint

after opration

Method of measurement

good, modrate , bad, very bad (1to4)

Intervention groups

1

Description

Spinal + Obturator block inguinal approach

Category

Treatment - Drugs

2

Description

Spinal + Obturatore block classic approach

Category

Treatment - Drugs

Recruitment centers

1

Recruitment center

Name of recruitment center

Imam Reza Hospital/Tabriz

Full name of responsible person

Dawood Aghamohammadi

Street address

City

Tabriz

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice Chancellor for Research, Faculty of
Medicine, Tabriz University of Medical Sciences

Full name of responsible person

Hassan Soleimanpour

Street address

Vice Chancellor for Research-Tabriz University of
Medical Sciences- Daneshgah Street Tabriz

City

Tabriz

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, Faculty of Medicine, Tabriz
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**

Anesthesiology Dept, Faculty of Medicine, Tabriz
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Full name of responsible person

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Associate Professor

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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

