Clinical Trial Protocol
Iranian Registry of Clinical Trials

07 Nov 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 0/5milivolt, Obtorator 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

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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 Sciencest- Daneshghah 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 procduore
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

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Vice Chancellor for Research-Tabriz University of Medical Sciencest- Daneshghah 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
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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

Data Dictionary	*empty*