

Clinical Trial Protocol

Iranian Registry of Clinical Trials

16 Sep 2026

Comparison of intra-abdominal pressure in position degrees at zero ,15 and 30 head of bed in intensive care units admitted patients at educational -thraputic centers in Rasht, 1390

Protocol summary

Summary

This study is evaluated the impact of changes body position on bladder pressure that can show intra-abdominal pressuer measurement . each study participant is bladder pressure measured three separate times at each of the three positions (supine or zero,15,30 degree). IAP is measured using korn technique with a instillation 20 ml normal salin into patient of bladder. the transduser is zeroed at the level of the symphsis pubis in each patient , the least 1 min is allowed for equilibration of IAP with each reading.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT201010214787N2**
Registration date: **2011-11-05, 1390/08/14**
Registration timing: **prospective**

Last update:

Update count: **0**

Registration date

2011-11-05, 1390/08/14

Registrant information

Name

Tahereh Khaleghdoost Mohammadi

Name of organization / entity

Guilan University of Medical Sciences

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Iran (Islamic Republic of)

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Recruitment status

Recruitment complete

Funding source

Vice-Chancellor for Research, Guilan University of Medical Sciences

Expected recruitment start date

2011-11-22, 1390/09/01

Expected recruitment end date

2012-02-19, 1390/11/30

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

Comparison of intra-abdominal pressure in position degrees at zero ,15 and 30 head of bed in intensive care units admitted patients at educational -thraputic centers in Rasht, 1390

Public title

Measuring intra -abdomen pressure in intensive care units patients

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion criteria: age more than 18; admission duration in ICU less than 24 hours, being connected to ventilator for the last 24 hours; indwelling bladder catheter placed with NGT and RASS score equal or less than 4. Exclusion criteria: pregnancy; pelvic fracture, hematoma; previous cystectomy; traumatic bladder rupture and hemodynamic instability

Age

From **18 years** old to **149 years** old

Gender

Both

Phase

N/A

Groups that have been masked

No information

Sample size

Target sample size: 76

Randomization (investigator's opinion)

N/A

Randomization description**Blinding (investigator's opinion)**

Not blinded

Blinding description**Placebo**

Not used

Assignment

Single

Other design features**Secondary Ids**

empty

Ethics committees**1****Ethics committee****Name of ethics committee**

Guilan University of Medical Sciences Ethics committee

Street address

Guilan University of Medical Sciences

City

Rasht

Postal code

65385-41446

Approval date

2011-10-04, 1390/07/12

Ethics committee reference number

290963812

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

Intra-abdominal pressure

ICD-10 code

K91.9

ICD-10 code description

Postprocedural disorder of digestive system, unspecified

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

Intra-abdomen pressure

Timepoint

Every 8 hours

Method of measurement

Manometer

Secondary outcomes

empty

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

One group-measuring intra-abdominal pressure in three zero,15 and 30 degree head of bed

Category

Early detection

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

Porsina Hospital

Full name of responsible person

Tahereh Khaleghdoost Mohammadi

Street address

Namjo street- Porsina Hospital

City

Rasht

2**Recruitment center****Name of recruitment center**

Razi Hospital

Full name of responsible person

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

Vice-Chancellor for Research of Guilan University of Medical Sciences

Full name of responsible person

Dr Abdolrasool Sobhani

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City

Rasht

Grant name

ندارد

Grant code / Reference number**Is the source of funding the same sponsor organization/entity?**

Yes

Title of funding source

Vice-Chancellor for Research of Guilan 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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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