

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

06 Jul 2026

### comparison of suction and nelaton catheter complications in suction of brain injury patients

#### Protocol summary

##### Summary

The present study is a randomized clinical trial that has been designed on 80 patients hospitalized in the Intensive Care Unit , which will be played randomly grouped . The unification of the two independent and Background groups will be considered based on random variables for categories . Age range 20 to 60 years ; trauma patients with GCS less than 8 scale glasgow of the patient inclusion criteria for this study will be the patients with a history of recent surgery oropharynx and chest , as well as patients with immunodeficiency disorders coagulation of the study removed will . Minimum suction patients 3 days and a maximum of 5 days will be excluded samples with less than three days and continue treatment in accordance with the Program will be ICU routine . Is forecast at about 6 months of the study sample may

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2013111915453N1**  
Registration date: **2014-01-07, 1392/10/17**  
Registration timing: **retrospective**

Last update:

Update count: **0**

##### Registration date

2014-01-07, 1392/10/17

##### Registrant information

###### Name

Reza Ghaderian

###### Name of organization / entity

SHAHID SADOOGHI UNIVERSITY

###### Country

Iran (Islamic Republic of)

##### Phone

+98 35 1824 1752

##### Email address

ghaderian1349@yahoo.com

##### Recruitment status

**Recruitment complete**

##### Funding source

SHAHID SADOOGHI UNIVERSITY OF HEALTH AND MEDICAL

##### Expected recruitment start date

2013-06-22, 1392/04/01

##### Expected recruitment end date

2013-12-22, 1392/10/01

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

comparison of suction and nelaton catheter complications in suction of brain injury patients

##### Public title

suction and Nelaton catheter complications on suction

##### Purpose

Treatment

##### Inclusion/Exclusion criteria

inclusive criterias:Head Injury, Intubation exclusive criteria:bleeding complication, latest surgery

##### Age

From **20 years** old to **60 years** old

##### Gender

Both

##### Phase

N/A

##### Groups that have been masked

*No information*

##### Sample size

Target sample size: **80**  
**Randomization (investigator's opinion)**  
Randomized  
**Randomization description**  
**Blinding (investigator's opinion)**  
Not blinded  
**Blinding description**  
**Placebo**  
Not used  
**Assignment**  
Parallel  
**Other design features**

## Secondary Ids

empty

## Ethics committees

### 1

#### Ethics committee

**Name of ethics committee**  
SHAHID SADOOGHI UNIVERSITY OF HEALTH AND  
MEDICAL  
**Street address**  
NO21,BO ALI SINA AVENUE,SAFAEIEH  
**City**  
YAZD  
**Postal code**  
8915833771  
**Approval date**  
2013-09-23, 1392/07/01  
**Ethics committee reference number**  
1438/17/پ

## Health conditions studied

### 1

**Description of health condition studied**  
head injury patients  
**ICD-10 code**  
G93.9  
**ICD-10 code description**  
Disorder of brain, unspecified

## Primary outcomes

### 1

**Description**  
-infection  
**Timepoint**  
day 1-day2-day3-day4  
**Method of measurement**  
check list

### 2

**Description**  
BLEEDING

**Timepoint**  
DAY1,2,3,4  
**Method of measurement**  
in every course of suction

## Secondary outcomes

empty

## Intervention groups

### 1

**Description**  
The intervention group made Supa suction catheter is  
used nelaton no12.  
**Category**  
Other

### 2

**Description**  
Controls the suction catheter was used (12) Supa  
company.  
**Category**  
Other

## Recruitment centers

### 1

**Recruitment center**  
**Name of recruitment center**  
SHAHID RAHNEMON HOSPITAL  
**Full name of responsible person**  
Reza Ghaderian  
**Street address**  
SHAHID RAHNEMON HOSPITAL  
**City**  
YAZD

## Sponsors / Funding sources

### 1

**Sponsor**  
**Name of organization / entity**  
Shahid Sadoghi University of Health and Medical  
**Full name of responsible person**  
Tahere Salimi  
**Street address**  
SAFAEIEH,NURSING UNIVERSITY  
**City**  
Yazd  
**Grant name**  
**Grant code / Reference number**  
**Is the source of funding the same sponsor  
organization/entity?**  
Yes  
**Title of funding source**  
Shahid Sadoghi University of Health and Medical  
**Proportion provided by this source**

**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

**2****Sponsor****Name of organization / entity**

tahere salimi

**Full name of responsible person**

reza ghaderian

**Street address**

NURSING UNIVERSITY,BOALI AVENUE,SAFAEIEH

**City**

YAZD

**Grant name**

nursing and midwifery college

**Grant code / Reference number**

no

**Is the source of funding the same sponsor organization/entity?**

Yes

**Title of funding source**

tahere salimi

**Proportion provided by this source****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**

SHAHID SADOGUI UNIVERSITY OF HEALTH AND MEDICAL

**Full name of responsible person**

REZA ghaderian

**Position**

head nurse

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

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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*