

# Clinical Trial Protocol

## Iranian Registry of Clinical Trials

10 Jun 2026

### The efficacy of Nasal Tip Hold\_press on Venous Cannulation Pain in Children

#### Protocol summary

##### Summary

Objective: we conducted this study to investigate the efficacy of holding and pressing the tip of the nose on the venipuncture pain reduction in the pediatric patients who were undergoing tonsillectomy under general anesthesia. The study design was prospective randomized control while, Population was calculated 60 patients between 6-12 yr. Inclusion criteria: 6-12 years old children who were undergoing tonsillectomy under general anesthesia. Exclusion criteria: cardiac or neurological impairment; history of difficulty in communication ; difficulty in venous-puncture (more than one attempt); patients with skin diseases at or around the VP site, such as scars; infection; psoriasis; eczema; active dermatitis, etc. Intervention: Patients were divided in to two groups of 30 each before cannulation: the control and the study group. Nasal tip was held and pressed during veni-puncture by the parents in the study group. No intervention was done in the control group. Visual Analogue Scale (VAS) was used for assessment of cannulation pain and the Yale Preoperative Anxiety Scale (YPAS) was used for the assessment of anxiety before cannulation.

#### General information

##### Acronym

##### IRCT registration information

IRCT registration number: **IRCT2016031019470N31**  
Registration date: **2016-04-05, 1395/01/17**  
Registration timing: **registered\_while\_recruiting**

Last update:

Update count: **0**

##### Registration date

2016-04-05, 1395/01/17

##### Registrant information

##### Name

Farzaneh Masihi

##### Name of organization / entity

##### Country

Iran (Islamic Republic of)

##### Phone

+98 71 3647 4270

##### Email address

masihif@sums.ac.ir

##### Recruitment status

**Recruitment complete**

##### Funding source

Vice Chancellor for Research, Shiraz University of Medical Science

##### Expected recruitment start date

2016-01-20, 1394/10/30

##### Expected recruitment end date

2016-08-21, 1395/05/31

##### Actual recruitment start date

empty

##### Actual recruitment end date

empty

##### Trial completion date

empty

##### Scientific title

The efficacy of Nasal Tip Hold\_press on Venous Cannulation Pain in Children

##### Public title

The efficacy of Nasal Tip Hold\_press on Venous Cannulation Pain in Children

##### Purpose

Prevention

##### Inclusion/Exclusion criteria

Inclusion criteria: 6-12 years old children who were undergoing tonsillectomy under general anesthesia. Exclusion criteria: cardiac or neurological impairment; history of difficulty in communication ; difficulty in venous-puncture (more than one attempt); patients with

skin diseases at or around the VP site, such as scars; infection; psoriasis; eczema; active dermatitis, etc.

### Age

From **6 years** old to **12 years** old

### Gender

Both

### Phase

N/A

### Groups that have been masked

*No information*

### Sample size

Target sample size: **60**

### Randomization (investigator's opinion)

N/A

### Randomization description

### Blinding (investigator's opinion)

Not 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 Shiraz University of Medical Sciences

##### Street address

Vice Chancellor of research, Shiaz University of Medical Sciences, 7th floor, central building of Shiraz University of Medical Sciences, Zand street

##### City

Shiraz

##### Postal code

##### Approval date

2010-09-23, 1389/07/01

##### Ethics committee reference number

lr.sums.rec.1394.213

## Health conditions studied

### 1

#### Description of health condition studied

Tonsillitis

#### ICD-10 code

J03

#### ICD-10 code description

Acute Tonsillitis

## Primary outcomes

### 1

#### Description

pain

#### Timepoint

before cannulation

#### Method of measurement

Visual analogue scale (VAS)

### 2

#### Description

anxiety

#### Timepoint

before cannulation

#### Method of measurement

Yale preoperative anxiety scale (YPAS)

## Secondary outcomes

empty

## Intervention groups

### 1

#### Description

Nasal tip was held and pressed during veni-puncture by the parents in the study group

#### Category

Prevention

## Recruitment centers

### 1

#### Recruitment center

##### Name of recruitment center

Khalili Hospital

##### Full name of responsible person

Dr Behzad Maghsodi

##### Street address

Khalili Street, Khalili Hospital

##### City

Shiraz

## Sponsors / Funding sources

### 1

#### Sponsor

##### Name of organization / entity

Vice Chancellor for Research, Shiaz University of Medical Sciences

##### Full name of responsible person

Dr Seed Basir Hashemi

##### Street address

Vice chancellor of research, 7th floor of central building of Shiraz University of Medical Sciences, Zand street

**City**  
Shiraz

**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, Shiaz 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**  
Shiraz University of Medical Sciences

**Full name of responsible person**  
Behzad Maghsodi

**Position**  
Anesthesiologist

**Other areas of specialty/work**

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maghsodb@yahoo.com

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## Person responsible for scientific inquiries

### Contact

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## Person responsible for updating data

### Contact

**Name of organization / entity**  
Shiraz anesthesiology and critical care research center

**Full name of responsible person**  
Farzaneh Masihi

**Position**  
English Consultant

**Other areas of specialty/work**

**Street address**  
Shiraz Anesthesiology and Critical Care Research Center, Research Tower, 5 th floor, Khalili street

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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*