

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)

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Email address

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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

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

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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

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Full name of responsible person
Farzaneh Masihi

Position
English Consultant

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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