Clinical Trial Protocol
Iranian Registry of Clinical Trials

22 Nov 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
Ir.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 streetl

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
Street address
Anesthesiology Department- Faghihi Hospital- Zand Street
City
Shiraz
Postal code
Phone
+98 71 3647 4270
Fax
Email
maghsodb@yahoo.com
Web page address

Person responsible for scientific inquiries

Contact
Name of organization / entity
Shiraz University Of Medical Sciences
Full name of responsible person
Behzad Maghsodi
Position
Anesthesilogist
Other areas of specialty/work
Street address
Anesthesiology Department, Faghihi Hospital, Zand Street
City
Shiraz
Postal code
Phone
00
Fax
Email
maghsodb@yahoo.com
Web page address

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
City
Shiraz
Postal code
Phone
+98 71 3647 4270
Fax
Email
masihifarzaneh@yahoo.com
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